

lucient<sup>®</sup>

ProSpex<sup>®</sup>  
Professional Architectural Lighting

**lucent** /'lu:s(ə)nt /

*adjective literary*

glowing with or giving off light.

*'the moon was lucent in the background'*

# Dior

Partners in illumination





# Your Global Lighting Partner

We are proud to present The ProSpex collection of architectural grade specification lighting fixtures. The ProSpex and ProSpex Plus ranges offer integrated recessed lighting with architectural design. These revolutionary downlights incorporate sophisticated control mechanisms providing a new level of installation techniques and effortless adjustment for most architectural spaces.

The ProSpex Spotlight range of track and surface mount spotlights come with a wide selection of LED solutions for retail and gallery spaces. Lucent continues to pioneer innovative ideas such as Ambiance WarmDim LED lighting and within the lighting industry probably has the most comprehensive range of LED downlight solutions currently available.

With products available worldwide through our specialist distributor network, Lucent is your true global Lighting Partner.



































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Lucent's successful ProSpex and ProSpex Plus Range of architectural grade luminaires has now been expanded to encompass a wide selection of LED light modules embracing the latest technology available in the market place.

With Lucent's new "Ambiance" Warm Dim modules added to the already extensive programme of LED modules from Xicato and GE plus our own compact LED35 and LED50 modules we feel that we have the low energy solution to many applications, be it hospitality, retail, commercial or residential.

LED technology is seriously challenging conventional light sources not only in lumen output and colour rendition but also in size and affordability finally allowing the lighting professional to design with green credentials.

# ProSpex® | LED35

Lucent's fully dimmable LED35 is a miniature multi optic LED module for use with all MR11 sized ProSpex downlights. Comprised of 4 high output CRI (>90) LEDs and available in a choice of 3 colour temperatures and 2 beam options 22° and 30°.

## LED35

LED Type	Cree XP-E2
Max. Operating Current	500mA
Module Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥90
Dimensions (d/h)	35mmØ x 75mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	22°/30°

- 35mm LED designed specifically to offer a LED solution to the ProSpex range of miniature MR11 downlights.
- High 90+ CRI as standard
- 2 beam options 22° and 30°
- 3 colour temperatures 2700K/3000K/4000K
- Maximum 500mA drive current

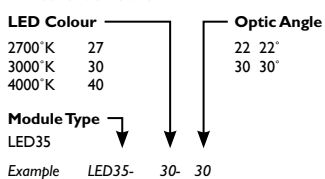


## LED35

Measured lumens, by colour temperature and drive current

			500mA		
			Intensity cd	Lumen O/P	8.4w Lm/cctw
LED35	-27	-22	1312	276	32.85
LED35	-27	-30	590	254	30.24
LED35	-30	-22	1500	315	37.50
LED35	-30	-30	674	290	34.52
LED35	-40	-22	1642	345	41.06
LED35	-40	-30	739	318	37.80

### LED35 Order Code





# ProSpex® | LED50 ONE

LED50 ONE is specifically designed as an affordable dimmable single point source LED solution for use in hotel bedrooms and corridors where a restricted lumen output is required and budget costs are considered. Choice of 3 colour temperatures and 2 beam options. Designed to run at 250ma - 350mA depending on the lumen output required. Fully dimmable with appropriate driver.

## LED50 ONE

LED Type	Citizen COB
Max. Operating Current	350mA
Module Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Dimensions (d/h)	50mmØ x 66mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	24°/38°

- Ø50mm 80+ CRI LED single COB point source module
- For use in all ProSpex MR16 sized downlights
- 2 beam options 24° and 38°
- 3 colour temperatures 2700K/3000K/4000K
- 250mA and 350mA drive current dependant on lumen output required
- Fully dimmable with appropriate driver

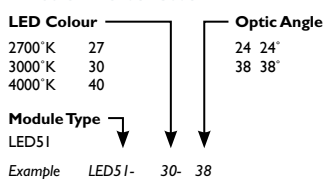


## LED50 ONE

Measured lumens, by colour temperature and drive current

			250mA			350mA		
			Intensity cd	Lumen O/P	10w Lm/cctw	Intensity cd	Lumen O/P	15.385w Lm/cctw
LED51	-27	-24	3193	593	59.32	4497	831	54.00
LED51	-27	-38	1796	573	57.30	2530	802	52.16
LED51	-30	-24	3469	648	64.83	4888	908	59.02
LED51	-30	-38	1634	626	62.62	2302	877	57.00
LED51	-40	-24	3679	688	68.82	5181	964	62.65
LED51	-40	-38	1732	665	66.47	2440	931	60.51

### LED50 ONE Order Code



# ProSpex® | LED50 - LED50 PLUS

Lucent's own compact LED50 (80 CRI) and LED50 Plus (90 CRI) modules which can be fitted into all MR16 size ProSpex and ProSpex Plus downlights. Both types of module feature 9 high output White LEDs with the choice of 3 beam angles ranging from 18 to 36°. Capable of operating at drive currents from 350-500mA depending on the light output required. All dimmable with suitable drivers.

## LED50 Gen 2

LED Type	Cree XP - E2
Max. Operating Current	500mA
Module Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Dimensions (d/h)	50mmØ x 60mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	18°/22°/36°



- Ø50mm 80+ CRI multi optic high output LED module for use in all ProSpex MR16 size downlights
- Lightweight heatsink
- 3 beam options 18°/22°/36°
- 3 colour temperatures 2700K/3000K/4000K
- Built in "hot swap" and reverse polarity protection
- 350 mA or 500 mA drive current dependant on lumen output required
- Fully dimmable with appropriate driver
- Emergency lighting option

## LED50 Gen 2

Measured lumens, by colour temperature and drive current

			350mA			500mA		
			Intensity cd	Lumen O/P	l0w Lm/cctw	Intensity cd	Lumen O/P	l4w Lm/cctw
LED50/2	-27	-18	3601	602	60.20	4740	792	56.60
LED50/2	-27	-22	2552	624	62.40	3366	822	58.70
LED50/2	-27	-36	1090	576	57.60	1436	759	54.20
LED50/2	-30	-18	4085	683	68.30	5831	900	64.26
LED50/2	-30	-22	2924	715	71.50	3848	941	67.22
LED50/2	-30	-36	1245	658	65.80	1639	866	61.86
LED50/2	-40	-18	4540	759	75.90	5976	1000	71.42
LED50/2	-40	-22	3181	778	77.80	4192	1025	73.21
LED50/2	-40	-36	1347	712	71.20	1775	939	67.06

### LED50 Gen2 Order Code

<b>LED Colour</b>		<b>Optic Angle</b>
2700°K	27	18 18°
3000°K	30	22 22°
4000°K	40	36 36°
<b>Module Type</b>		
LED50/2		
<b>Example</b>	LED50/2- 30- 22	

## LED50 PLUS Gen 2

LED Type	Cree XP-G2
Max. Operating Current	500mA
Module Colour Temperatures	2700k/3000K
Colour Rendering Index	≥90
Dimensions (d/h)	50mmØ x 60mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	18°/22°/36°



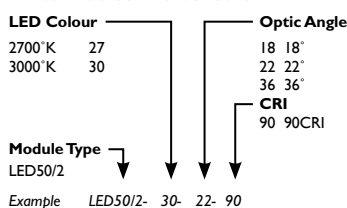
- Ø50mm 90° High CRI multi optic high output LED module for use in all ProSpex MRI16 size downlights
- Lightweight heatsink
- 3 beam options 18°/22°/36°
- 2 colour temperatures 2700K/3000K
- Built in "hot swap" and reverse polarity protection
- 350 mA or 500 mA drive current dependant on lumen output required
- Fully dimmable with appropriate driver
- Emergency lighting option

## LED50 PLUS Gen 2

Measured lumens, by colour temperature and drive current

				350mA			500mA		
				Intensity cd	Lumen O/P	10w Lm/cctw	Intensity cd	Lumen O/P	14w Lm/cctw
LED50/2	-27	-18	-90	4429	641	64.14	5832	844	60.29
LED50/2	-27	-22	-90	3678	659	65.89	4839	867	61.93
LED50/2	-27	-36	-90	1512	618	61.79	1989	813	58.07
LED50/2	-30	-18	-90	4492	660	66.04	5915	869	62.07
LED50/2	-30	-22	-90	3687	671	67.11	4852	883	63.07
LED50/2	-30	-36	-90	1621	625	62.55	2135	823	58.79

### LED50 PLUS Gen 2 Order Code



# ProSpex® | LED50 SEVEN

A further expansion of the popular LED50 family, the LED50-SEVEN range is available in a high intensity 12° spot version and 2 further complimentary beam angles to allow the same modules to be used throughout the project. Available in a choice of 3 colour temperatures. Can be operated at driver currents 350mA to 700mA depending on the light output required. All dimmable with the correct drivers.

## LED50 Seven

LED Type	Cree XP - E 2
Max. Operating Current	700mA
Module Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Dimensions (d/h)	50mmØ x 66mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	12°/22°/36°



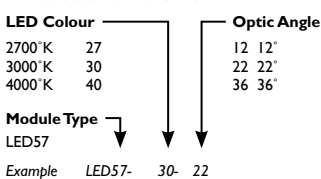
- Ø50mm 80+ CRI multi optic LED module available with a narrow spot 12° optic and two further complimentary options 22° and 36°
- Single optic
- Lightweight heatsink
- Uses the same Cree XP-E2 LED's as the LED50 module
- 3 colour temperatures 2700K/3000K/4000K
- Module driven at maximum 700mA
- Fully dimmable with appropriate driver
- Built in "hot swap" and reverse polarity protection
- Emergency lighting option

## LED50 Seven

Measured lumens, by colour temperature and drive current

			350mA			500mA			700mA		
			Intensity cd	Lumen O/P	9w Lm/cctw	Intensity cd	Lumen O/P	12.8w Lm/cctw	Intensity cd	Lumen O/P	18.2w Lm/cctw
LED57	-27	-12	8903	486	53.98	11269	615	48.04	14264	778	42.76
LED57	-27	-22	2695	500	55.59	3412	633	49.48	4323	802	44.04
LED57	-27	-36	1945	493	54.82	2472	625	48.80	3124	790	43.43
LED57	-30	-12	10149	555	61.62	12847	702	54.84	16262	888	48.82
LED57	-30	-22	3078	571	63.46	3899	723	56.48	4931	915	50.28
LED57	-30	-36	2227	563	62.59	2819	713	55.70	3567	902	49.58
LED57	-40	-12	11123	607	67.47	14080	769	60.05	17823	973	53.45
LED57	-40	-22	3369	625	69.49	4269	792	61.85	5401	1002	55.05
LED57	-40	-36	2440	617	68.53	3089	781	60.99	3907	988	54.29

### LED50 Seven Order Code



# ProSpex® | LED50 Ambiance WarmDim

LED50 Ambiance WarmDim replicates tungsten lighting in that when dimmed the colour temperature changes and warms the light to a comfortable 2200K and maintains a 80+ CRI throughout. Versions available in 2 initial colour temperatures, 2700K and 3000K both dimming to 2200K. No special control system or wiring is required - dimming is achieved using standard 700mA dimmable drivers in any dimming protocol. 3 beam options 12°/22°/36°.

## LED50 Ambiance WarmDim

LED Type	Cree XP-E2 / XT-E
Max. Operating Current	700mA
Module Colour Temperatures	3000K/2700K to 2200K
Colour Rendering Index	≥80
Dimensions (d/h)	50mmØ x 66mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	12°/22°/36°



- Revolutionary dimmable LED module that warms up the colour of light as it dims, in a similar fashion to conventional tungsten lamps
- Ø50mm 80+ CRI multi optic LED module available with a narrow spot 12° optic and two further complimentary options 22° and 36°
- Versions available 3000K - 2200K & 2700K - 2200K
- Maintains 80+ CRI throughout the dimming curve
- Uses standard 700mA dimmable drivers of any dimming protocol
- Built in " hot swap" and reverse polarity protection

## LED50 Ambiance WarmDim

Measured lumens, by colour temperature and drive current

			700mA		
			Intensity cd	Lumen O/P	14.5w Lm/cctw
LED50WD	-27	-12	10953	504	34.76
LED50WD	-27	-22	3203	527	36.34
LED50WD	-27	-36	1393	498	34.34
LED50WD	-30	-12	13779	634	43.72
LED50WD	-30	-22	3400	592	40.83
LED50WD	-30	-36	1588	568	39.17

### LED50 Ambiance Warm Dim Order Code

<b>LED Colour</b>		<b>Optic Angle</b>
2700°K	27	12 12°
3000°K	30	22 22°
		36 36°

**Module Type**  
LED50WD

Example LED50WD- 30- 12

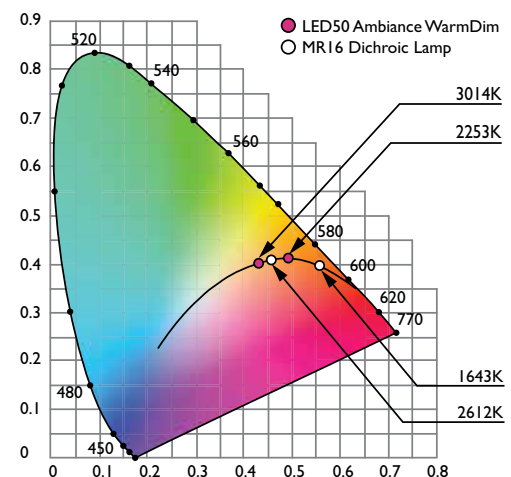


Diagram illustrating how the Ambiance Warm dim module warms up in colour compared to an MR16 Dichroic lamp.

# ProSpex® | LED70

New high output 1800 lumen Ø70mm module with 12no 80+ CRI high output LEDs for use in larger ProSpex downlights such as the Plus XL range. Available in 2 beam options 14° spot and 32° flood and in 3 colour temperatures 2700K/3000K/4000K. Can be run at different drive currents depending on lumen output required.

## LED70

LED Type	Cree XP-G2
Max Operating Current	700mA
Module Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Dimensions (d/h)	70mmØ x 90mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	14°/32°

- Ø70mm LED specifically designed to offer a higher output LED solution to the ProSpex LED range
- Lightweight heatsink
- Available in 2 optic angles 14° spot and 32° flood
- Available in 3 colour temperatures 2700K/3000K/4000K
- Module driven at maximum 700mA
- Fully dimmable with appropriate driver
- Built in "hot swap" and reverse polarity protection
- Emergency lighting option



## LED70

Measured lumens, by colour temperature and drive current

			350mA			500mA			700mA		
			Intensity cd	Lumen O/P	9w Lm/cctw	Intensity cd	Lumen O/P	19w Lm/cctw	Intensity cd	Lumen O/P	26.5w Lm/cctw
LED70	-27	-14	15379	1079	81.73	20246	1420	74.74	25627	1798	67.85
LED70	-27	-32	3180	1036	78.45	4186	1364	71.79	5298	1726	65.13
LED70	-30	-14	17602	1235	93.55	23173	1626	85.58	29333	2058	77.66
LED70	-30	-32	3641	1186	89.82	4792	1561	82.16	5298	1976	74.57
LED70	-40	-14	19171	1345	101.87	25234	1771	93.21	31942	2241	84.57
LED70	-40	-32	3963	1291	97.81	5218	1700	89.47	6606	2152	81.20

### LED70 Order Code

<b>LED Colour</b>		<b>Optic Angle</b>
2700°K	27	14 14°
3000°K	30	32 32°
4000°K	40	

**Module Type**  
LED70

Example LED70- 30- 14

# ProSpex® | LED70 Ambiance WarmDim

LED70 Ambiance WarmDim replicates tungsten lighting in that when dimmed the colour temperature changes and warms the light to a comfortable 2200K and maintains a 80+ CRI throughout. Versions available in 2 initial colour temperatures, 2700K and 3000K both dimming to 2200K. No special control system or wiring is required - dimming is achieved using standard 1000mA dimmable drivers in any dimming protocol. 2 beam options 14° spot and 32° flood.

## LED70 Ambiance WarmDim

LED Type	Cree XP-G2 / XT-E
Operating Current	1000mA
Module Colour Temperatures	3000K/2700K to 2200K
Colour Rendering Index	≥80
Dimensions (d/h)	70mmØ x 90mm
Temperature Range	-10°C to 25°C (to achieve L70 50,000 hours)
Optics Beam Angle	14°/32°

- Revolutionary dimmable LED module that warms up the colour of light as it dims, in a similar fashion to conventional tungsten lamps.
- Ø70mm 80+ CRI multi optic LED 1700 lumen module available with a narrow spot 14° and 32° flood optics.
- Versions available 3000K - 2200K & 2700K - 2200K.
- Maintains 80+CRI throughout the dimming curve.
- Uses standard 1000mA dimmable drivers of any dimming protocol



## LED70 Ambiance WarmDim

Measured lumens, by colour temperature and drive current

			1000mA		
			Intensity cd	Lumen O/P	3lw Lm/cctw
LED70WD	-27	-14	18740	1665	53.73
LED70WD	-27	-32	6441	1645	53.07
LED70WD	-30	-14	19325	1717	55.39
LED70WD	-30	-32	6641	1696	54.71

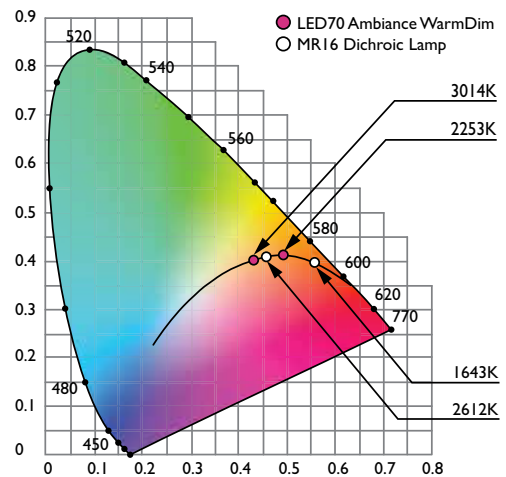


Diagram illustrating how the Ambiance Warm dim module warms up in colour compared to an MR16 Dichroic lamp.

### LED70 Ambiance Warm Dim Order Code

LED Colour		Optic Angle	
2700°K	27	14	14°
3000°K	30	32	32°

Module Type  
LED70WD

Example LED70WD- 30- 14

# ProSpex® | Lucent LED Module matrix
















Lucent's successful ProSpex and ProSpex Plus range of architectural grade luminaires has been expanded to encompass a wide selection of LED light modules embracing the latest technology available in the market place. Shown below is the extensive range of Lucent LED solutions available for the ProSpex and ProSpex Plus ranges of architectural downlights.



LED Module Type Fixture type	LED35	LED50 ONE	LED50 GEN2	LED50 GEN2 PLUS	LED50 Ambiance	LED50 SEVEN	LED70	LED70 Ambiance
Pinhole 60	✓							
Square 60 Edge	✓							
Pinhole 90		✓	✓	✓	✓	✓		
Pinhole Edge		✓	✓	✓	✓	✓		
Square 90		✓	✓	✓	✓	✓		
Square Edge		✓	✓	✓	✓	✓		
Maxi Square		✓	✓	✓	✓	✓		
Maxi Round		✓	✓	✓	✓	✓		
Soft 50	✓							
Soft 50 Square	✓							
Soft 70		✓	✓	✓	✓	✓		
Soft 70 Square		✓	✓	✓	✓	✓		
Soft 90							✓	✓
Soft 90 Square							✓	✓
Less Trim Mini		✓	✓	✓	✓	✓		
Less Trim Maxi								
Focus 60		✓	✓	✓	✓	✓		
Focus 70	✓							
Focus 90		✓	✓	✓	✓	✓		
Focus Multi		✓	✓	✓	✓	✓		





LED Module Type Fixture type	LED35	LED50 ONE	LED50 GEN2	LED50 GEN2 PLUS	LED50 Ambiance	LED50 SEVEN	LED70	LED70 Ambiance
 Plus Round		✓	✓	✓	✓	✓		
 Plus Square		✓	✓	✓	✓	✓		
 Plus Multi		✓	✓	✓	✓	✓		
 Plus XL Round							✓	✓
 Plus XL Square							✓	✓
 ProSpex 70	✓							
 ProSpex 100		✓	✓	✓	✓	✓		
 ProSpex 140							✓	✓
 ProSpex 160								
 ProSpex 195								
 Axis Mini		✓	✓	✓	✓	✓		
 Axis Midi							✓	✓
 Gimbal Mini		✓	✓	✓	✓	✓		
 Gimbal Midi							✓	✓
 Gimbal Maxi							✓	✓

# ProSpex® | GE Infusion (GEI) LED Module

Infusion twist and lock modules available in 80 CRI (all colour temperatures) and 90 CRI (3000K only) Versions which can be fitted into a wide range of Lucent ProSpex luminaires. Available with the choice of interchangeable optics FL (25°), WFL (35°) & VWFL (55°) in either 75mm or 100mm diameter options. The range also includes the "punch" narrow spot module. Capable of operating at drive currents from 700-1400mA depending on the light output required. All dimmable with suitable drivers.

## GE Infusion Standard Versions

- High lumen outputs
- Interchangeable optics - 3 beam options in two optic sizes 75mmØ & 100mmØ
- Interchangeable LED modules allow simple change of colour temperature and lumen package (determined by the fixtures heatsink) and allows the possibility to change modules in the future as efficiencies and lumen outputs improve
- 5 Lumen packages from 1000 - 4500 lumens
- 3 colour temperatures available
- CRI > 80 in all colour temperatures
- High CRI "Elite" versions available for 3000K 90CRI
- Dimmable drivers available
- Active and passive cooling options



GE Infusion 100mm optic

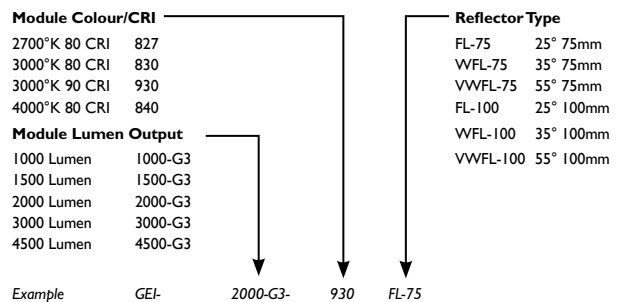
## GE Infusion Punch Module

- High intensity, narrow beam 10° angle "Punch" module
- 2 reflector sizes 75mmØ & 100mmØ Punch module
- 3 colour temperatures available
- CRI > 80 in all colour temperatures
- High CRI "Elite" versions available for 3000K 90CRI
- Peak Candela values comparable to 35w CDM-R111 of equivalent beam angle (830 Punch module @ 700mA using 100mmØ reflector)



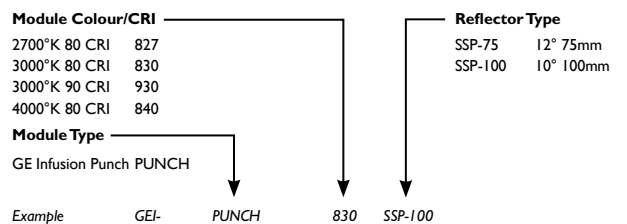
GE Infusion 75mm optic

### GE Infusion Module Order Code\*



\*Driver to be ordered separately

### GE Infusion Punch Module Order Code



## GE Infusion Standard Versions

Module Type	Colour Temperature	Max. Drive Current	Lumen O/P (typical)	Wattage	Module Efficacy
<b>Module CRI &gt;80</b>	°K	mA	lm	w	lm/w
GEI-1000-G4-827	2700	700	1000	10.5	95
GEI-1000-G4-830	3000	700	1100	10.5	105
GEI-1000-G4-835	3000	700	1100	10.5	105
GEI-1000-G4-840	4000	700	1100	10.5	105
GEI-1500-G4-827	2700	700	1400	14.5	97
GEI-1500-G4-830	3000	700	1500	14.5	103
GEI-1500-G4-835	3000	700	1500	14.5	103
GEI-1500-G4-840	4000	700	1500	14.5	103
GEI-2000-G4-827	2700	1400	2000	21	95
GEI-2000-G4-830	3000	1400	2100	21	100
GEI-2000-G4-835	3000	1400	2200	21	105
GEI-2000-G4-840	4000	1400	2200	21	105
GEI-3000-G4-827	2700	1400	2800	29.5	95
GEI-3000-G4-830	3000	1400	3000	29.5	102
GEI-3000-G4-835	3000	1400	3000	29.5	102
GEI-3000-G4-840	4000	1400	3100	29.5	105
GEI-4500-G4-827	2700	1400	4300	46	93
GEI-4500-G4-830	3000	1400	4500	46	98
GEI-4500-G4-835	3000	1400	4600	46	100
GEI-4500-G4-840	4000	1400	4700	46	102
<b>Elite module CRI &gt;90</b>					
GEI-1000-G4-930	3000	700	800	10.5	76
GEI-1500-G4-930	3000	700	1200	14.5	83
GEI-2000-G4-930	3000	1400	1700	21	81
GEI-3000-G4-930	3000	1400	2300	29.5	78
GEI-4500-G4-930	3000	1400	2300	46	78

Efficacy of the Infusion module only

## Reflector Type

Reflector Type	FL (25°)		WFL (35°)		VWFL (55°)	
	75Ø	100Ø	75Ø	100Ø	75Ø	100Ø
GEI-1000-G4	4200	3500	2700	2200	1100	1200
GEI-1500-G4	4900	4600	3000	2900	1400	1600
GEI-2000-G4	6000	7600	4000	4400	2300	2400
GEI-3000-G4	7000	8500	7000	5700	2900	3200
GEI-4500-G4	8900	11100	8100	7800	3900	4600

Values based on 830 modules

## GE Infusion Punch module

Drive current	350mA	500mA	700mA
Lumen O/P	900	1150	1400
Module Watts	12	18	25
Efficacy*	75	64	56

\*Efficacy of the Infusion module only

Lumen output quoted is for 830 module. Correction factors should be applied as follows: 827 - 7%, 930 - 21.5%, 840 + 7%

## Reflector Type

Reflector Type	SSP (12°)	SSP (10°)
	75Ø	100Ø
GEI-PUNCH-G3-827	18500cd	27500cd
GEI-PUNCH-G3-830	20000cd	30000cd
GEI-PUNCH-G3-840	21000cd	32000cd
GEI-PUNCH-G3-930	15500cd	23500cd
LOR	79%	80%

# ProSpex® | Xicato LED Modules

Lucent have expanded their Xicato offering to include the XSM standard module range, the XTM highly efficient led module series and the XIM modules with built in driver technology and intelligence. The range now offers lumen outputs from 400lm to 5000lm, CRI's of >80 (standard) or >95 (Artist) either depending on module type. All 3 module types are also available as Vibrant versions, offering vivid saturated colours. Available with 3 different reflector sizes and beam angles ranging from 14.5° to 60° to suit a wide range of ProSpex luminaires. Additionally the 9mm LES version of the XTM module allows very narrow spot beams of 10°, making the Xicato range suitable for most lighting applications.

## XSM | XAM | XVM LED Modules

- Versions available with colour rendering indices of ≥80 or ≥95 (Artist versions), and for CCT of 2700K, 3000K, 3500K & 4000K in lumen packages ranging from 400lm to 4000lm, please see table on opposite page for available combinations
- Vibrant modules (XVM) are tuned to enable people to see a more saturated and vivid colours. Vibrant modules are only available in CCT 3000K
- Requiring a remote driver of maximum drive current of 700mA or 1050mA depending on the module type. Modules can be under run to achieve different lumen outputs
- Dimmable drivers can be used with all modules, consult with Lucent Lighting for dimming protocols available
- 3 different reflector sizes can be used, depending on the fixture specified, 50mmØ, 70mmØ and 111mmØ in beam angles between 14.5° (111Ø) and 60° (50 & 70Ø). Versions can be used with all ProSpex luminaires with -XSM in the code. Please refer to luminaire matrix for details

## XTM | XTA | XTV LED Modules

- Versions available with colour rendering indices of 83 or 98 (Artist versions), and for CCT of 2700K, 3000K, 3500K & 4000K in lumen packages 1300lm, 2000lm & 3000lm, with 4000lm and 5000lm versions available early 2015. Please see table on opposite page for available combinations
- 83 CRI version have a module lumen per watt value >100
- Vibrant modules (XTV) are tuned to enable people to see a more saturated and vivid colours. Vibrant modules are only available in CCT 3000K
- Requiring a remote driver of maximum drive current of 700mA or 1050mA depending on the module type and 1400mA for 4000lm & 5000lm modules. Modules can be under run to achieve different lumen outputs
- Dimmable drivers can be used with all modules, consult with Lucent Lighting for dimming protocols available
- 3 different reflector sizes can be used, depending on the fixture specified, 50mmØ, 70mmØ and 111mmØ in beam angles between 15° (111Ø) and 57° (70Ø)
- Available early 2015, 70mmØ Precision optics offering uniform, high centre-beam intensity, with low field-to-beam ratios with no colour over angle. Available in beam angles 24°, 34° and 46°
- Versions can be used with all ProSpex luminaires with -XSM in the code. Please refer to luminaire matrix for details

## XIM | XIV LED Modules

- Available in Standard and Vibrant versions CRI83, and for CCT of 2700K, 3000K, 3500K & 4000K in lumen packages 1300lm & 2000lm. Please see table on opposite page for available combinations
- Vibrant modules (XIV) are tuned to enable people to see a more saturated and vivid colours. Vibrant modules are only available in CCT 3000K
- Modules are with on-board DC driver technology, requiring an external 48v DC supply
- DALI and 1-10v versions can be specified. Flicker free, smooth dimming 100% to 0.1% DALI or 100% to 1% 1-10v.
- 3 different reflector sizes can be used, depending on the fixture specified, 50mmØ, 70mmØ and 111mmØ in beam angles between 15° (111Ø) and 57° (70Ø)
- Available early 2015, 70mmØ Precision optics offering uniform, high centre-beam intensity, with low field-to-beam ratios with no colour over angle. Available in beam angles 24°, 34° and 46°
- Versions can be used with all ProSpex luminaires with -XSM in the code. Please refer to luminaire matrix for details

## XTA9 | XTV9-98 LED Modules

- Available early 2015
- Modules of the same construction and specification as the XTM module series but with a smaller 9mm light emitting surface
- Precision optics for the 9mm LES in 50mmØ, 70mmØ offering uniform, high centre-beam intensity, with low field-to-beam ratios with no colour over angle. Available in beam angles 10° (70Ø) to 46°
- Versions can be used with all ProSpex luminaires with -XSM in the code. Please refer to luminaire matrix for details

Stand-alone LED module IP66

### Colour Consistency:

XSM/XAM ≤ 1 x 2 Step McAdam along BBL

XVM ≤ 1 x 2 Step McAdam below BBL

Colour Consistency – Maintained: C3 50,000hrs

Lumen Maintenance: L80 50,000hrs (L70 50,000hrs XVM)

### Colour Rendering Index:

XSM RA ≥ 80

XAM RA ≥ 95, R9 ≥ 90, R15 ≥ 95 (R9 3500K, 4000K ≥ 85)

XVM80 RA ≥ 80, R9 16, R12 62 (typical)

Gamut Area Index Black Body (GAI<sub>bb</sub> 111)

XVM95 RA ≥ 95, R9 90, R12 97 (typical)

Gamut Area Index Black Body (GAI<sub>bb</sub> 120)

19mm Light Emitting Surface

### Colour Consistency:

XTM/XTA ≤ 1 x 2 Step McAdam along BBL

XTV ≤ 1 x 2 Step McAdam below BBL

Colour Consistency – Maintained: C3 50,000hrs

Lumen Maintenance: L80 50,000hrs

### Colour Rendering Index:

XTM RA 83

XTA RA 98, R9 ≥ 90, R15 ≥ 95

XTV80 RA 83, R9 16, R12 62 (typical)

Gamut Area Index Black Body (GAI<sub>bb</sub> 111)

XTV95 RA 98, R9 ≥ 90, R15 ≥ 95

Gamut Area Index Black Body (GAI<sub>bb</sub> 120)

19mm Light Emitting Surface.

### Colour Consistency:

XIW ≤ 1 x 2 Step McAdam along BBL

XIV ≤ 1 x 2 Step McAdam below BBL

Colour Consistency – Maintained: C3 50,000hrs

Lumen Maintenance: L80 50,000hrs

### Colour Rendering Index:

XIW RA83 (typical).

XIV RA8, R9 16, R12 62 (typical)

Gamut Area Index Black Body (GAI<sub>bb</sub> 111)

9mm Light Emitting Surface.

### Colour Consistency:

XTA9 ≤ 1 x 2 Step McAdam along BBL

XTV9 ≤ 1 x 2 Step McAdam below BBL

Colour Consistency – Maintained: C3 50,000hrs

Lumen Maintenance: L80 50,000hrs

### Colour Rendering Index:

XTA9 RA 98 (typical). R9 ≥ 90, R15 ≥ 95

XTV995 RA 98 (typical). R9 ≥ 90, R15 ≥ 95

Gamut Area Index Black Body (GAI<sub>bb</sub> 111)

**Xicato LED Module Range**

*Efficacy of Xicato module only*

Module Type	CRI	Lumen output at maximum drive current								Colour temp (K)	Max. Drive Current (mA)	Wattage (W)	Efficacy lm/w
		400lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	5000lm				
XSM	≥80									27/30/40	700mA	5.7	70
	≥80									27/30/40	1050mA	9.7	72
	≥80									27/30/35/40	1050mA	13	77
	≥80									27/30/35/40	1050mA	17.8	73
	≥80									27/30/35/40	1050mA	28.8	70
	≥80									27/30/35/40	1050mA	45	67
	≥80									27/30/35/40	1050mA	49.5	81
XAM	≥95									27/30/40	700mA	13.4	52
	≥95									27/30/35/40	1050mA	21.5	46
	≥95									27/30/35/40	1050mA	27.7	47
	≥95									27/30/35/40	1050mA	43.2	46
XVM	≥80									30	1050mA	17.7	73
	≥95									30	1050mA	27.7	47
	≥80									30	1050mA	28.8	70
	≥95									30	1050mA	43.2	46
	≥80									30	1050mA	45	67
XTM	83									27/30/35/40	700mA	11.7	111
	83									27/30/35/40	700mA	19.5	102
	83									27/30/35/40	1050mA	29.3	102
	83									27/30/35/40	1400mA	39.1	102
	83									27/30/35/40	1400mA	46.8	107
XTA	98									27/30/35/40	700mA	15.6	83
	98									27/30/35/40	1050mA	26.4	76
	98									27/30/35/40	1050mA	34.1	88
XTV	83									30	700mA	11.7	111
	98									30	700mA	15.6	83
	83									30	1050mA	19.5	102
	98									30	1050mA	26.4	76
	83									30	1050mA	29.3	102
	98									30	1050mA	34.1	88
	83									30	1400mA	39.1	102
XIM	83									30	1400mA	46.8	107
	83									27/30/35/40	360mA @ 48v	13.1	99
	83									27/30/35/40	580mA @ 48V	21.2	94
XIV	83									30	360mA @ 48v	13.1	99
	83									30	580mA @ 48V	21.2	94

**Xicato LED module with 9mm Light Emitting Surface**

*Efficacy of Xicato module only*

Module Type	CRI	Lumen output at maximum drive current								Colour temp (K)	Max. Drive Current (mA)	Wattage (W)	Efficacy lm/w
		400lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	5000lm				
XTA9	98									27/30/35/40	700mA	9.7	72
	98									27/30/35/40	700mA	19.5	67
	98									27/30/35/40	1400mA	42.1	47
XTV9	98									30	700mA	9.7	72
	98									30	700mA	19.5	67
	98									30	1400mA	42.1	47

**XTM/XIM Reflector Data**

Reflector Type	Diameter (mmØ)	Beam angle (FWHM)	CBCP (CD/Klm)
25-5	50mm	25°	2800
40-5		43°	1573
60-5		55°	905
20-7	70mm	23°	2917
40-7		42°	1520
60-7		57°	911
15-11	111mm	15°	7771
25-11		27°	3136
39-11		40°	1695

**Precision Reflector Data for XTM/XIM**





















Reflector Type	Diameter (mmØ)	Beam angle (FWHM)	CBCP (CD/Klm)
24-7P	70mm	24°	4760
34-7P		34°	2824
46-7P		46°	1680








**XTA9/XTV9-98 Reflector Data**

Reflector Type	Diameter (mmØ)	Beam angle (FWHM)	CBCP (CD/Klm)
15-59	50mm	15°	6000
22-59		22°	3800
34-59		34°	2500
46-59		46°	1200
10-79	70mm	10°	12000
22-79		22°	3800
34-79		34°	2500
46-79		46°	1200

# ProSpex® | GE & Xicato LED Module matrix

Lucent's successful ProSpex and ProSpex Plus range of architectural grade luminaires has been expanded to encompass a wide selection of LED light modules embracing the latest technology available in the market place. Shown below is the extensive range of Lucent LED solutions using Xicato and GE Infusion LED modules available for the ProSpex and ProSpex Plus ranges of architectural downlights.

LED Module Type Fixture type	XSM 400-4000lm XVM180 1300-3000lm	XSA 700-2000lm XVA98 1300-2000lm	XTM/XTV83 1300-5000lm	XTA/XTV98 1300-2000lm	XIM/XIV83 1300-2000lm	GE Infusion Module 1000-4500lm	GE Infusion PUNCH Module
 <b>Pinhole 60</b>							
 <b>Square 60 Edge</b>							
 <b>Pinhole 90</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Pinhole Edge</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Square 90</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Square Edge</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Maxi Square</b>	max 1000lm	max 700lm	max. 1300lm	max. 1300lm	max. 1300lm		
 <b>Maxi Round</b>	max 1000lm	max 700lm	max. 1300lm	max. 1300lm	max. 1300lm		
 <b>Soft 50</b>							
 <b>Soft 50 Square</b>							
 <b>Soft 70</b>	max. 1300lm	max 700lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Soft 70 Square</b>	max. 1300lm	max 700lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Soft 90</b>	max. 1300lm (4000lm Active)	max. 1000lm (4000lm Active)	max. 2000lm (5000lm Active)	max. 1300lm (2000lm Active)	max. 1300lm	max. 1500lm (4500lm Active)	700mA
 <b>Soft 90 Square</b>	max. 1300lm (4000lm Active)	max. 1000lm (4000lm Active)	max. 2000lm (5000lm Active)	max. 1300lm (2000lm Active)	max. 1300lm	max. 1500lm (4500lm Active)	700mA
 <b>Less Trim Mini</b>	max. 1000lm	max 700lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Less Trim Maxi</b>	max. 1300lm (2000lm Active)	max. 1000lm (1300lm Active)	max. 2000lm (5000lm Active)	max. 1300lm (2000lm Active)	max. 1300lm		
 <b>Focus 60</b>	max 1000lm	max 700lm	max. 1300lm	max. 1300lm	max. 1300lm		
 <b>Focus 70</b>							
 <b>Focus 90</b>	max 1000lm	max 700lm	max. 1300lm	max. 1300lm	max. 1300lm		
 <b>Focus Multi</b>	max 1000lm	max 700lm	max. 1300lm	max. 1300lm	max. 1300lm		

LED Module Type Fixture type	XSM 400-4000lm XVM80 1300-3000lm	XSA 700-2000lm XVA98 1300-2000lm	XTM /XTV83 1300-5000lm	XTA /XTV98 1300-2000lm	XIM/XIV83 1300-2000lm	GE Infusion Module 1000-4500lm	GE Infusion PUNCH Module
 <b>Plus Round</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Plus Square</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Plus Multi</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Plus XL Round</b>	max. 2000lm (4000lm Active)	max 1300lm (2000lm Active)	max. 3000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>Plus XL Square</b>	max. 3000lm (4000lm Active)	max 2000lm	max. 3000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>ProSpex 70</b>							
 <b>ProSpex 100</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>ProSpex 140</b>	max. 3000lm (4000lm Active)	max 2000lm	max. 3000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>ProSpex 160</b>	max. 3000lm (4000lm Active)	max 2000lm	max. 4000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>ProSpex 195</b>	max. 3000lm (4000lm Active)	max 2000lm	max. 4000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>Axis Mini</b>	max. 1300lm	max. 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Axis Midi</b>	max. 2000lm (4000lm Active)	max 1300lm (2000lm Active)	max. 3000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>Gimbal Mini</b>	max. 1300lm	max 1000lm	max. 2000lm	max. 1300lm	max. 1300lm		
 <b>Gimbal Midi</b>	max. 2000lm (4000lm Active)	max 1300lm (2000lm Active)	max. 3000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 2000lm (4500lm Active)	700mA
 <b>Gimbal Maxi</b>	max. 3000lm (4000lm Active)	max 2000lm	max. 4000lm (5000lm Active)	max 2000lm	max. 2000lm	max. 3000lm (4500lm Active)	700mA
 <b>SpotLED</b>	max. 4000lm Active	max 2000lm Active	max. 5000lm Active	max 2000lm Active	max. 1300lm	max. 4500lm Active	700mA
 <b>SpotLED XL</b>	max. 4000lm Active	max 2000lm Active	max. 5000lm Active	max 2000lm Active	max. 1300lm	max. 4500lm Active	700mA
 <b>SpotLED Wallwash</b>	max. 4000lm Active	max 2000lm Active	max. 5000lm Active	max 2000lm Active	max. 1300lm	max. 4500lm Active	

# ProSpex® | Pinhole Downlights

Comprehensive programme of small aperture, fixed, accent and washlight downlight fixtures for a range of LED, low voltage and metal halide light sources including Lucent's own brand LED35, LED50 and Xicato modules. MR11 LED, MR16 LED and GU10 LED lamps can also be installed into these inconspicuous downlights. The range includes the Pinhole Edge which features the Edge baffle to ensure a glare free aperture and a fully professional look. Complimentary Square fixtures in Edge and non-Edge versions also feature here. All fixtures available for plaster-in, flush installations or into existing plasterboard ceiling with a minimal





overlap flange allowing the lighting professional to specify minimal fixtures in many types of interiors. Multi trimless kits also available for consistent spacing of downlights. All fixtures accept lenses and louvres. Square fixtures in Edge and non-Edge versions. Square features a magnetic front plate for easy of relamping and adjustment. Fixtures available for plaster-in seamless installations or into existing ceilings with a minimal overlap flange allowing the lighting professional to specify minimal fixtures in many types of interiors. Multi trimless kits also available for consistent spacing and alignment of downlights. All fixtures accept lenses and louvres. IP54 versions available.





## Pinhole Edge 90 Fixed

Pinhole Downlight with Edge baffle  
Allow minimum of 25mm above fixture

LED		
*	LED50**	91413-F-LED
*	XSM 400/700/1000/1300**	91413-F-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	91413-F

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	91413-F-MH

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	91413-F-GU

*GU10 Retro-fit LED lamp can be installed*

## Pinhole Edge 90 Accent

Adjustable Pinhole Downlight with Edge baffle  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	35°	91413-A-LED
*	XSM 400/700/1000/1300**	35°	91413-A-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	35° 91413-A

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	35° 91413-A-MH

*\*Metal Halide-Control gear required*

Mains Voltage			
230v	PAR 16/LED (GU10)	35°	91413-A-GU

*GU10 Retro-fit LED lamp can be installed*

## Pinhole Edge 90 Washlight

Pinhole Washlight Downlight with Edge baffle and kick reflector  
Allow minimum of 25mm above fixture

LED			
*	LED50**		91413-WL-LED
*	XSM 400/700/1000/1300**		91413-WL-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	91413-WL

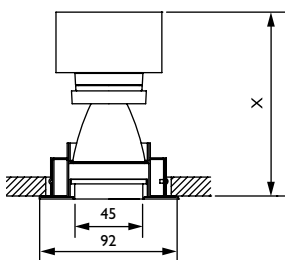
*MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	91413-WL-MH

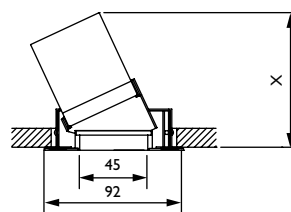
*\*Metal Halide-Control gear required 40° Beam angle recommended*

Mains Voltage			
230v	PAR 16/LED (GU10)		91413-WL-GU

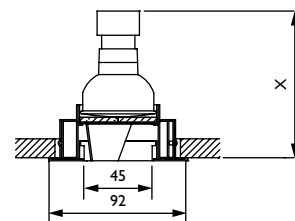
*GU10 Retro-fit LED lamp can be installed 36° Beam angle recommended*



Height - X LED50 85mm • XSM 125mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 130mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 115mm  
MR16 85mm • CMH MR16 125mm • GU10 125mm  
Ceiling cut out = 83mm Ø

### Colour Finishes - Add suffix to reference number when specifying

WH: White • BK: Black | Ceiling Kits: Plaster in kits for seamless flush finish – 9000-PCZ  
With overlap flange for installation into existing ceilings – 9000-PBZ

- Pinhole downlights with Edge baffle to ensure glare free, professional look
- Ceiling kit available with overlap flange for installation into existing ceilings
- Plaster in kits for seamless flush finish
- 45mm diameter Pinhole Aperture
- IP44 available

- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Matching Washlight
- Accepts 3 media accessories
- Easy rotation and re-lamping with ball catch mechanism

- Deep regressed lamp position for minimal glare
- Standard finishes white and black with Edge baffle matt black
- Other face plate finishes to special order
- Multi lamp versions available for trimless applications - see pages 46



### Pinhole Edge 90 IP54 Fixed

IP54 Pinhole Downlight with Edge baffle  
Allow minimum of 25mm above fixture

### Pinhole Edge 90 Accent IP54

IP54 Adjustable Pinhole Downlight with Edge baffle  
Allow minimum of 25mm above fixture



Pinhole Edge Detail



LED			
*	LED50**		91413-F-LED-54
*	XSM 400/700/1000/1300**		91413-F-XSM-54

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	91413-F-54

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	91413-F-MH-54

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	91413-F-GU-54

*GU10 Retro-fit LED lamp can be installed*

LED			Adj
*	LED50**		35° 91413-A-LED-54
*	XSM 400/700/1000/1300**		35° 91413-A-XSM-54

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	35° 91413-A-54

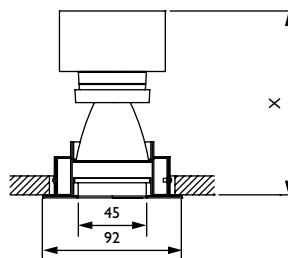
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	35° 91413-A-MH-54

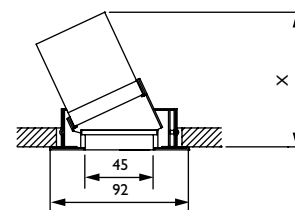
*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	35° 91413-A-GU-54

*GU10 Retro-fit LED lamp can be installed*



Height - X LED50 85mm • XSM 125mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 130mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



## Pinhole 60 Fixed

Miniature pinhole downlight  
Allow minimum of 25mm above fixture

LED			
*	LED35**		60413-F-LED
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			
Low Voltage			
12v	20-35w	MR11 (GU4)	60413-F
<i>MR11 Retro-fit LED lamp can be installed</i>			



## Pinhole 60 Accent

Miniature adjustable pinhole downlight  
Allow minimum of 25mm above fixture

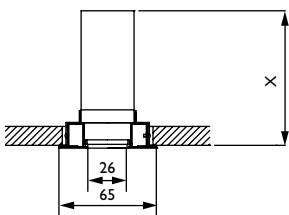
LED		Adj	
*	LED35**	30°	60413-A-LED
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			
Low Voltage			
12v	20-35w	MR11 (GU4)	35° 60413-A
<i>MR11 Retro-fit LED lamp can be installed</i>			



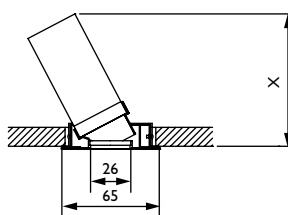
## Pinhole 90 Fixed

Pinhole Downlight  
Allow minimum of 25mm above fixture

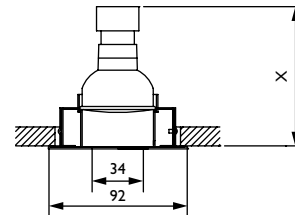
LED			
*	LED50**		90413-F-LED
*	XSM 400/700/1000/1300**		90413-F-XSM
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information</i>			
Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	90413-F
<i>MR16 Retro-fit LED lamp can be installed</i>			
Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	90413-F-MH
<i>*Metal Halide-Control gear required</i>			
Mains Voltage			
230v		PAR 16/LED (GU10)	90413-F-GU
<i>GU10 Retro-fit LED lamp can be installed</i>			



Height - X LED35 90mm • MR11 60mm  
Ceiling cut out = 60mm Ø



Height - X LED35 95mm • MR11 65mm  
Ceiling cut out = 60mm Ø



Height - X LED50 85mm • XSM 125mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø

### Colour Finishes - Add suffix to reference number when specifying

WH: White • BK: Black | Ceiling kits: Plaster in kits for seamless flush finish – 6000-PCZ  
With overlap flange for installation into existing ceilings – 6000-PBZ

- Ceiling kit available with overlap flange for installation into existing ceilings
- Plaster in kits for seamless flush finish
- 34mm diameter Pinhole Aperture to Pinhole 90
- Miniature version with 26mm Pinhole aperture
- IP44 available

- LED, low voltage, mains voltage and Metal Halide versions
- Fixed and adjustable
- Matching Washlight
- Accepts 3 media accessories
- Easy rotation and re-lamping with ball catch mechanism

- Deep regressed lamp position for minimal glare
- Standard finishes white and black with Edge baffle matt black
- Other face plate finishes to special order
- Multi lamp versions of Pinhole 90 available for trimless applications - see pages 46



### Pinhole 90 Accent

Adjustable Pinhole Downlight  
Allow minimum of 25mm above fixture



### Pinhole 90 Slot Accent

Adjustable Slot aperture downlight  
Allow minimum of 25mm above fixture



### Pinhole 90 Washlight

Pinhole Washlight downlight with kick reflector  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 90413-A-LED
* XSM 400/700/1000/1300**	40° 90413-A-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	45°	90413-A
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	35°	90413-A-MH
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*\*Metal Halide-Control gear required*

#### Mains Voltage

230v	PAR 16/LED (GU10)	35°	90413-A-GU
------	-------------------	-----	------------

*GU10 Retro-fit LED lamp can be installed*

LED	Adj
* LED50**	35° 90423-A-LED
* XSM 400/700/1000/1300**	40° 90423-A-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	45°	90423-A
-----	-----------	--------------	-----	---------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	35°	90423-A-MH
-------	--------	-----------------	-----	------------

*\*Metal Halide-Control gear required*

#### Mains Voltage

230v	PAR 16/LED (GU10)	35°	90423-A-GU
------	-------------------	-----	------------

*GU10 Retro-fit LED lamp can be installed*

LED	
* LED50**	90413-WL-LED
* XSM 400/700/1000/1300**	90413-WL-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	90413-WL
-----	-----------	--------------	----------

*MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended*

#### Metal Halide

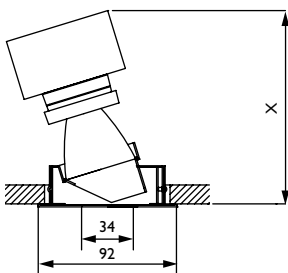
*240v	20-35w	CMH-MR16 (GX10)	90413-WL-MH
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*\*Metal Halide-Control gear required 40° Beam angle recommended*

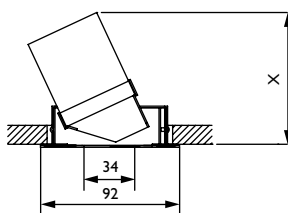
#### Mains Voltage

230v	PAR 16/LED (GU10)	90413-WL-GU
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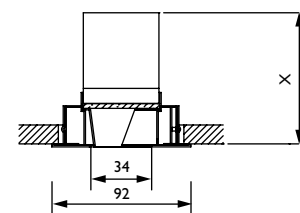
*GU10 Retro-fit LED lamp can be installed 36° Beam angle recommended*



Height - X LED50 90mm • XSM 130mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 130mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 110mm  
MR16 90mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø

#### Colour Finishes - Add suffix to reference number when specifying

WH: White • BK: Black | Ceiling Kits: Plaster in kits for seamless flush finish – 9000-PCZ  
With overlap flange for installation into existing ceilings – 9000-PBZ

# ProSpex® | Pinhole Multiple Trimless Kits

Twin and triple Pinhole 90 Edge and Pinhole 90 plaster in kits for seamless flush finish in freshly plastered ceilings for the purpose of maintaining equal spacing between fixtures. Standard spacing is 200mm O.C. but other spacings and multiples can be provided to special order.



## Pinhole Twin

Twin trimless kits for ProSpex Pinhole 90 Edge and Pinhole 90  
Allow minimum of 25mm above fixtures



## Pinhole Triple

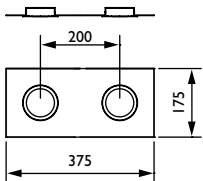
Triple trimless kits for ProSpex Pinhole 90 Edge and Pinhole 90  
Allow minimum of 25mm above fixtures

### Twin

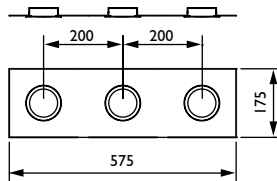
29413-TK-TL

### Triple

39413-TK-TL



Fixture Heights: See pages 42-45  
Fixtures: Select from pages 42-45  
Ceiling cut outs = 2x 83mm Ø on 200mm O.C.



Fixture Heights: See pages 42-45  
Fixtures: Select from pages 42-45  
Ceiling cut outs = 3x 83mm Ø on 200mm O.C.



- Trimless kits for plaster in installations in Twin and Triple permutations as standard
- For consistent spacing between Pinhole downlights
- Fixtures 200mm O.C. as standard
- For fixture options see pages 42-45





## Square Edge 60 Fixed

Miniature square downlight with Edge baffle  
Allow minimum of 25mm above fixture

## Square Edge 60 Accent

Miniature adjustable square downlight with Edge baffle  
Allow minimum of 25mm above fixture

### LED

\* LED35\*\* 61433-F-LED  
\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to page 22 for LED module information

### Low Voltage

12v 20-35w MR11 (GU4) 61433-F  
MR11 Retro-fit LED lamp can be installed

### LED

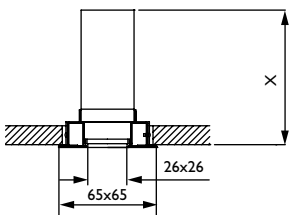
\* LED35\*\* 35° 61433-A-LED  
\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to page 22 for LED module information

### Low Voltage

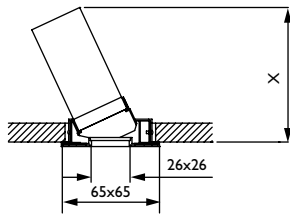
12v 20-35w MR11 (GU4) 35° 61433-A  
MR11 Retro-fit LED lamp can be installed



Square Edge Detail



Height - X LED35 90mm • MR11 65mm  
Ceiling cut out = 60mm Ø



Height - X LED35 95mm • MR11 65mm  
Ceiling cut out = 60mm Ø





- Square aperture downlights with Edge baffle to ensure glare free, professional look
- Ceiling kit available with overlap flange for installation into existing ceilings
- Plaster in kits for seamless flush finish
- LED, low voltage, mains voltage and metal halide versions
- 26 x 26mm aperture to Square Edge 60

- 34 x 34mm aperture to Square Edge 90
- Fixed and adjustable
- Matching Washlight, Square Edge 90 only
- Accepts 3 media accessories
- IP44 available
- Easy rotation and re-lamping with ball catch mechanism

- Removable magnetic front plate
- Deep regressed lamp position for minimal glare
- Standard finishes white and black with Edge baffle matt black
- Other face plate finishes to special order
- Multi lamp versions of Square Edge 90 available for trimless applications – see page 52



### Square Edge 90 Fixed

Square downlight with Edge baffle  
Allow minimum of 25mm above fixture

### Square Edge 90 Accent

Square adjustable downlight with Edge baffle  
Allow minimum of 25mm above fixture

### Square Edge 90 Washlight

Square Washlight downlight with Edge baffle and kick reflector  
Allow minimum of 25mm above fixture

LED		
*	LED50**	81433-F-LED
*	XSM 400/700/1000/1300**	81433-F-XSM

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	81433-F

MR16 Retro-fit LED lamp can be installed

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	81433-F-MH

\*Metal Halide-Control gear required

Mains Voltage		
230v	PAR 16/LED (GU10)	81433-F-GU

GU10 Retro-fit LED lamp can be installed

LED		Adj	
*	LED50**	35°	81433-A-LED
*	XSM 400/700/1000/1300**	40°	81433-A-XSM

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	40° 81433-A

MR16 Retro-fit LED lamp can be installed

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	35° 81433-A-MH

\*Metal Halide-Control gear required

Mains Voltage		
230v	PAR 16/LED (GU10)	35° 81433-A-GU

GU10 Retro-fit LED lamp can be installed

LED		
*	LED50**	81433-WL-LED
*	XSM 400/700/1000/1300**	81433-WL-XSM

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	81433-WL

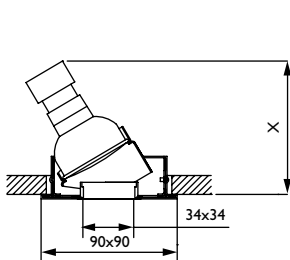
MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	81433-WL-MH

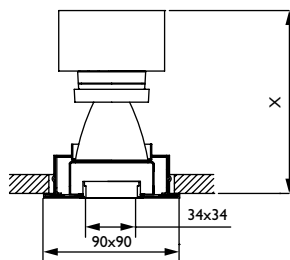
\*Metal Halide-Control gear required 40° Beam angle recommended

Mains Voltage		
230v	PAR 16/LED (GU10)	81433-WL-GU

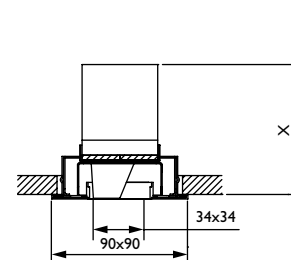
GU10 Retro-fit LED lamp can be installed 36° Beam angle recommended



Height - X LED50 90mm • XSM 135mm  
MR16 90mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 85mm • XSM 125mm  
MR16 90mm • CMH MR16 115mm • GU10 115mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 110mm  
MR16 90mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø

#### Colour Finishes - Add suffix to reference number when specifying

WH:White • -BK:Black | Ceiling kits:Plaster in kits for seamless flush finish – 8000-PCZ-SQ  
With overlap flange for installation into existing ceilings – 8000-PBZ-SQ



## Square 90 Fixed

Square downlight  
Allow minimum of 25mm above fixture

LED		
*	LED50**	80433-F-LED
*	XSM 400/700/1000/1300**	80433-F-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w	MR16 (GU5.3) 80433-F

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w	CMH-MR16 (GX10) 80433-F-MH

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	80433-F-GU

*GU10 Retro-fit LED lamp can be installed*



## Square 90 Accent

Square adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	35°	80433-A-LED
*	XSM 400/700/1000/1300**	40°	80433-A-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	40° 80433-A

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	35° 80433-A-MH

*\*Metal Halide-Control gear required*

Mains Voltage			
230v	PAR 16/LED (GU10)	35°	80433-A-GU

*GU10 Retro-fit LED lamp can be installed*



## Square 90 Washlight

Square Washlight downlight with kick reflector  
Allow minimum of 25mm above fixture

LED			
*	LED50**		80433-WL-LED
*	XSM 400/700/1000/1300**		80433-WL-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	80433-WL

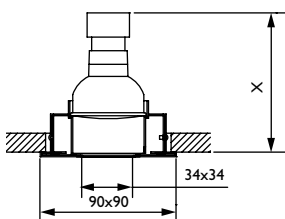
*MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	80433-WL-MH

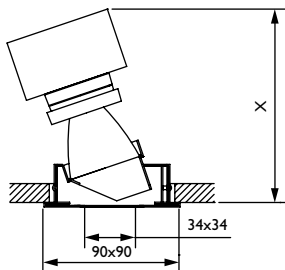
*\*Metal Halide-Control gear required 40° Beam angle recommended*

Mains Voltage			
230v	PAR 16/LED (GU10)		80433-WL-GU

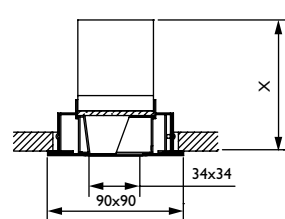
*GU10 Retro-fit LED lamp can be installed 36° Beam angle recommended*



Height - X LED50 85mm • XSM 125mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 130mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 83mm Ø



Height - X LED50 90mm • XSM 110mm  
MR16 85mm • CMH MR16 125mm • GU10 125mm  
Ceiling cut out = 83mm Ø

### Colour Finishes - Add suffix to reference number when specifying

WH: White • BK: Black | Ceiling kits: Plaster in kits for seamless flush finish – 8000-PCZ-SQ  
With overlap flange for installation into existing ceilings – 8000-PBZ-SQ

- Ceiling kit available with overlap flange for installation into existing ceilings
- Plaster in kits for seamless flush finish
- LED, low voltage, mains voltage and metal halide versions
- 34 x 34mm Square aperture
- Fixed and adjustable

- Matching Washlight
- Accepts 3 media accessories
- IP44 available
- Easy rotation and re-lamping with ball catch mechanism
- Removable magnetic front plate

- Deep regressed lamp position for minimal glare
- Standard finishes white and black
- Other face plate finishes to special order
- Multi lamp versions available for trimless applications - see page 52



# ProSpex® | Square Multiple Trimless Kits

Twin and triple Square 90 Edge and Square 90 plaster in kits for seamless flush finish in freshly plastered ceilings for the purpose of maintaining equal spacing between fixtures. Standard spacing is 200mm O.C. but other spacings and multiples can be provided to special order.



## Square Twin

Twin trimless kits for ProSpex Square 90 Edge and Square 90  
Allow minimum of 25mm above fixtures



## Square Triple

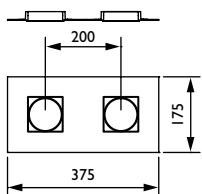
Triple trimless kits for ProSpex Square 90 Edge and Square 90  
Allow minimum of 25mm above fixtures

### Twin

28433-TK-TL

### Triple

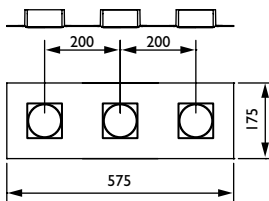
38433-TK-TL



Fixture Heights: See pages 48-50

Fixtures: Select from pages 48-50

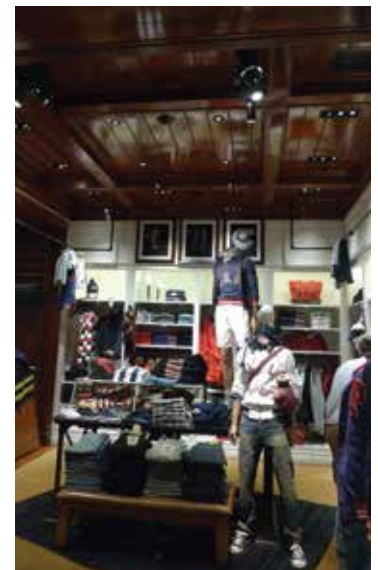
Ceiling cut out = 2 x 83mm Ø on 200mm O.C



Fixture Heights: See pages 48-50

Fixtures: Select from pages 48-50

Ceiling cut out = 3 x 83mm Ø on 200mm O.C.



- Trimless kits for plaster in installations in Twin and Triple permutations as standard
- For consistent spacing between Pinhole downlights
- Fixtures 200mm O.C. as standard
- For fixture options see pages 48-50

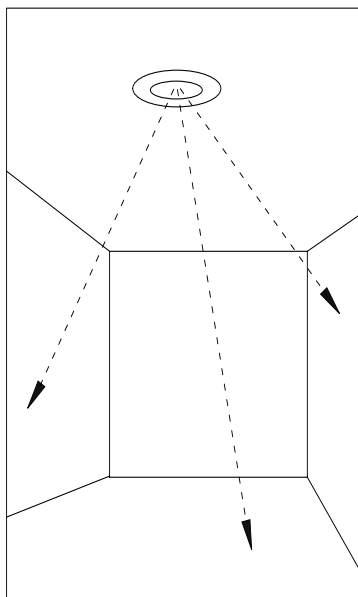




- Multi lamp trimless adjustable downlight
- Plaster in housing with trimless face plate for seamless installation
- Versatile tilt and rotation axis for lamp aiming angles

- Equipped with three individually adjustable heads
- LED, low voltage and metal halide versions
- Anti-glare snoot(s) as standard
- Easy removable front plate

- Standard white face plate with black interior
- Other colour finishes to face plate to order
- Easy re-lamping
- Drivers, transformers or control gears accessible through hatch inside the housing



### Maxi Trimless Round

Three lamp round aperture trimless adjustable downlight – 120mm Ø aperture  
Allow minimum of 25mm above fixture

#### LED

* LED50**	316-LED-TL-RD
* XSM 400/700/1000**	316-XSM-TL-RD

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	316-MR-TL-RD
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

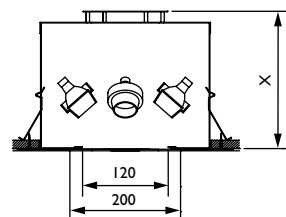
*240v	20-35w	CMH-MR16 (GX10)	316-MH-TL-RD
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*\*Metal Halide control gear required-per gimbal head*

#### Mains Voltage

230v	PAR 16/LED (GU10)	316-GU-TL-RD
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*GU10 LED lamp can be installed*



Height - X 250mm  
Ceiling cut out = 310 x 310mm

### Maxi Trimless Square

Three lamp square aperture trimless adjustable downlight – 120 x 120mm aperture  
Allow minimum of 25mm above fixture

#### LED

* LED50**	316-LED-TL-SQ
* XSM 400/700/1000**	316-XSM-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	316-MR-TL-SQ
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

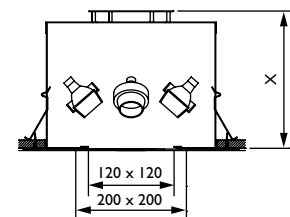
*240v	20-35w	CMH-MR16 (GX10)	316-MH-TL-SQ
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*\*Metal Halide control gear required-per gimbal head*

#### Mains Voltage

230v	PAR 16/LED (GU10)	316-GU-TL-SQ
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*GU10 LED lamp can be installed*



Height - X 250mm  
Ceiling cut out = 310 x 310mm

# ProSpex® | Soft Downlights

Soft fixtures in Round and Square forms in three sizes, with both shapes available in trim or trimless options, for installation into existing ceilings by means of an overlap flanged trim or plaster in kit for a flush finish. Fixed and adjustable versions for a range of LED, low voltage and metal halide light sources including Lucent own brand LED35, LED50, LED70, Xicato and GE higher output modules. MRI I LED, MRI6 LED and GU10 LED lamps can also be installed into these soft appearance downlights. This portfolio now includes the Soft Colour which consists of six standard finishes of Soft inserts to add some colour variation to an interior.





The range also includes the Lucent ProSpex Less Trim fixed and adjustable, trimless appearance downlight in two sizes. This fixture range allows installation as a standard downlight, eliminating the plastering and finishing of the ceiling but giving a clean Trimless flush effect.. Multi trimless kits also available for the Soft range that allow consistent spacing and alignment of downlights. These downlights allow the lighting designer to specify minimal fixtures in many types of interiors whether it be hospitality, retail or residential. All fixtures accept lenses and louvres to add effect and customize the designed space.





## Soft 50 Trimless Fixed

Miniature trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture



## Soft 50 Trimless Accent

Miniature trimless adjustable downlight  
Allow minimum of 25mm above fixture



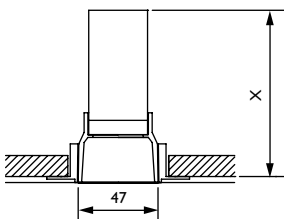
## Soft 70 Trimless Fixed

Trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture

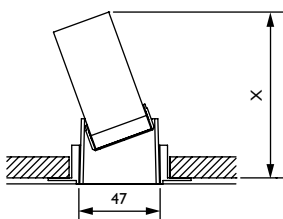
LED				
*	LED35**			050-LED-TL
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>				
Low Voltage				
12v	20-35w	MR11 (GU4)		050-MR-TL
<i>MR11 Retro-fit LED lamp can be installed</i>				

LED		Adj		
*	LED35**		20°	053-LED-TL
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>				
Low Voltage				
12v	20-35w	MR11 (GU4)	25°	053-MR-TL
<i>MR11 Retro-fit LED lamp can be installed</i>				

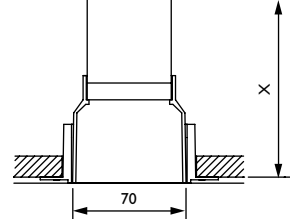
LED				
*	LED50**			070-LED-TL
*	XSM 400/700/1000/1300**			070-XSM-TL
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information</i>				
Low Voltage				
12v	20-35-50w	MR16 (GU5.3)		070-MR-TL
<i>MR16 Retro-fit LED lamp can be installed.</i>				
Metal Halide				
*240v	20-35w	CMH-MR16 (GX10)		070-MH-TL
<i>*Metal Halide-Control gear required</i>				
Mains Voltage				
230v		PAR 16/LED (GU10)		070-GU-TL
<i>GU10 Retro-fit LED lamp can be installed.</i>				



Height - X LED35 100mm • MR11 65mm  
Ceiling cut out = 61mm Ø



Height - X LED35 105mm • MR11 70mm  
Ceiling cut out = 61mm Ø



Height - X LED50 160mm • XSM 160mm  
MR16 160mm • CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 79mm Ø

- Range of soft appearance trimless downlights for plaster in installations
- Seamless appearance
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable

- Die cast aluminium construction
- Die cast aluminium plaster installation kits
- Perma white or matt black internal finish (other colour finishes to order)
- Range of Specular, Semi Specular and Satin Anodised inserts also available

- IP44, versions (see text)
- Accepts up to 2 media accessories
- Deep regressed lamp for minimal glare
- Easy re-lamping and rotation of lamp body via sprung ball catches
- Multi-lamp versions available – See page 70



### Soft 70 Trimless Accent

Trimless adjustable downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft 90 Trimless Fixed

Trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft 90 Trimless Accent

Trimless adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
* LED50**	20°	073-LED-TL	
* XSM 400/700/1000/1300**	25°	073-XSM-TL	

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	25° 073-MR-TL

MR16 Retro-fit LED lamp can be installed.

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	25° 073-MH-TL

\*Metal Halide-Control gear required

Mains Voltage			
230v		PAR 16/LED (GU10)	25° 073-GU-TL

GU10 LED lamp can be installed.

LED			
* LED70**	30°	090-LED70-TL	
* XSM 400/700/1000/1300**	35°	090-XSM-TL	
* GEI 1000/1500/PUNCH	30°	090-GEI-TL	

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information

Metal Halide			
*240v	**20-35w	CDM-TC (G8.5)	35° 090-TC-TL

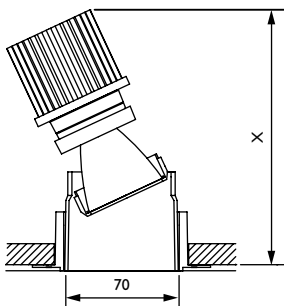
\*Metal Halide-Control gear required \*\*Specify beam angle 15°/27°

LED		Adj	
* LED70**	30°	093-LED70-TL	
* XSM 400/700/1000/1300**	35°	093-XSM-TL	
* GEI 1000/1500/PUNCH	30°	093-GEI-TL	

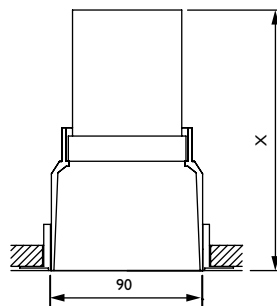
\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information

Metal Halide			
*240v	**20-35w	CDM-TC (G8.5)	35° 093-TC-TL

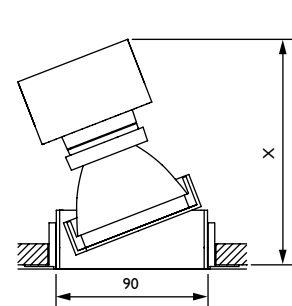
\*Metal Halide-Control gear required \*\*Specify beam angle 15°/27°



Height - X LED50 160mm • XSM 165mm • MR16 160mm  
CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 79mm Ø



Height - X LED70 160mm • XSM 165mm  
GEI 190mm • CDM-TC 165mm  
Ceiling cut out = 102mm Ø



Height - X LED70 130mm • XSM 135mm  
GEI 160mm • CDM-TC 135mm  
Ceiling Cut Out = 102mm Ø

#### Colour Finishes - Add suffix to reference number when specifying

WH: White lamp body • BK: Black lamp body • IP: IP44



## Soft 50 Trim Fixed

Miniature trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture

LED				
*	LED35**			050-LED-TR
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>				
Low Voltage				
12v	20-35w	MR11 (GU4)		050-MR-TR
<i>MR11 Retro-fit LED lamp can be installed</i>				



## Soft 50 Trim Accent

Miniature trimmed adjustable downlight  
Allow minimum of 25mm above fixture

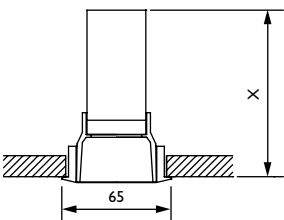
LED		Adj		
*	LED35**		20°	053-LED-TR
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>				
Low Voltage				
12v	20-35w	MR11 (GU4)	25°	053-MR-TR
<i>MR11 Retro-fit LED lamp can be installed</i>				



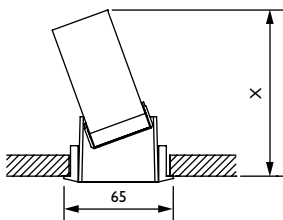
## Soft 70 Trim Fixed

Trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture

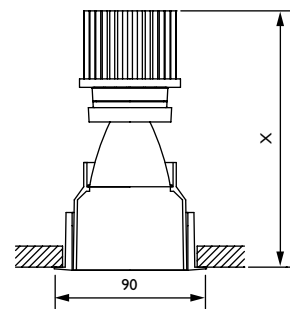
LED				
*	LED50**			070-LED-TR
*	XSM 400/700/1000/1300**			070-XSM-TR
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information</i>				
Low Voltage				
12v	20-35-50w	MR16 (GU5.3)		070-MR-TR
<i>MR16 Retro-fit LED lamp can be installed.</i>				
Metal Halide				
*240v	20-35w	CMH-MR16 (GX10)		070-MH-TR
<i>*Metal Halide-Control gear required</i>				
Mains Voltage				
230v		PAR 16/LED (GU10)		070-GU-TR
<i>GU10 Retro-fit LED lamp can be installed.</i>				



Height - X LED35 100mm • MR11 65mm  
Ceiling cut out = 61mm Ø



Height - X LED35 105mm • MR11 70mm  
Ceiling cut out = 61mm Ø



Height - X LED50 160mm • XSM 160mm  
MR16 160mm • CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 79mm Ø

- Range of soft appearance trimmed downlights
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Die cast aluminium construction
- Die cast aluminium trim ring
- Perma white or matt black internal finish (other colour finishes to order)
- Range of Specular, Semi Specular and Satin Anodised inserts also available
- IP44 versions (see text)
- Accepts up to 2 media accessories
- Deep regressed lamp for minimal glare
- Easy re-lamping and rotation of lamp body via sprung ball catches



### Soft 70 Trim Accent

Trimmed adjustable downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft 90 Trim Fixed

Trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft 90 Trim Accent

Trimmed adjustable downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	20° 073-LED-TR
* XSM 400/700/1000/1300**	25° 073-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v 20-35-50w MR16 (GU5.3)	25° 073-MR-TR
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*MR16 Retro-fit LED lamp can be installed.*

#### Metal Halide

*240v 20-35w CMH-MR16 (GX10)	25° 073-MH-TR
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*\*Metal Halide-Control gear required*

#### Mains Voltage

230v PAR 16/LED (GU10)	25° 073-GU-TR
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*GU10 LED lamp can be installed.*

LED	Adj
* LED70**	090-LED70-TR
* XSM 400/700/1000/1300**	090-XSM-TR
* GEI 1000/1500/PUNCH	090-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

#### Metal Halide

*240v **20-35w CDM-TC (G8.5)	090-TC-TR
------------------------------	-----------

*\*Metal Halide-Control gear required*

*\*\*Specify beam angle 15°/27°*

LED	Adj
* LED70**	30° 093-LED70-TR
* XSM 400/700/1000/1300**	35° 093-XSM-TR
* GEI 1000/1500/PUNCH	30° 093-GEI-TR

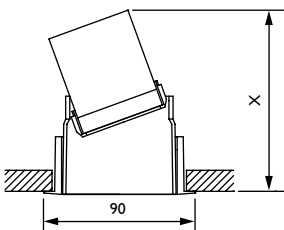
*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

#### Metal Halide

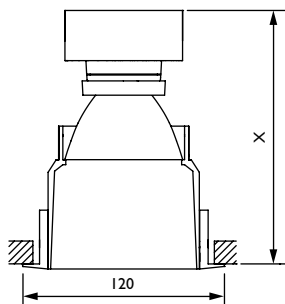
*240v **20-35w CDM-TC (G8.5)	35° 093-TC-TR
------------------------------	---------------

*\*Metal Halide-Control gear required*

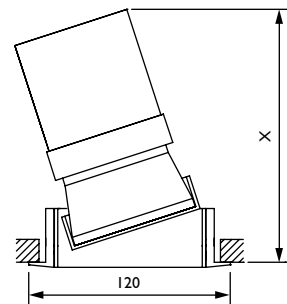
*\*\*Specify beam angle 15°/27°*



Height - X LED50 160mm • XSM 165mm • MR16 160mm  
CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 79mm Ø



Height - X LED70 160mm • XSM 165mm  
GEI 190mm • CDM-TC 165mm  
Ceiling cut out = 105mm Ø



Height - X LED70 130mm • XSM 135mm  
GEI 160mm • CDM-TC 135mm  
Ceiling Cut Out = 105mm Ø

#### Colour Finishes - Add suffix to reference number when specifying

WH-WH: White lamp body - White Trim • BK-BK: Black lamp body - Black trim  
BK-WH: Black lamp body - White trim • IP: IP44



## Soft Colour 50

Miniature downlight  
in fixed and adjustable versions  
Allow minimum of 25mm above fixture

### LED

*	LED35**		Fixed	050-C-LED
*	LED35**		Adjustable	053-C-LED

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to page 22 for LED module information

### Low Voltage

12v	20-35w	MR11 (GU4)	Fixed	050-C-MR
12v	20-35w	MR11 (GU4)	Adjustable	053-C-MR

MR11 Retro-fit LED lamp can be installed  
See pages 58-59 for ceiling cut outs, heights and other fixture information



## Soft Colour 70

Downlight in fixed and adjustable versions  
Allow minimum of 25mm above fixture

### LED

*	LED50**		Fixed	070-C-LED
*	XSM 400/700/1000/1300**		Fixed	070-C-XSM
*	LED50**		Adjustable	073-C-LED
*	XSM 400/700/1000/1300**		Adjustable	073-C-XSM

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	Fixed	070-C-MR
12v	20-35-50w	MR16 (GU5.3)	Adjustable	073-C-MR

MR16 Retro-fit LED lamp can be installed

### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	Fixed	070-C-MH
*240v	20-35w	CMH-MR16 (GX10)	Adjustable	073-C-MH

\*Metal Halide-Control gear required

### Mains Voltage

230v	PAR 16/LED (GU10)	Fixed	070-C-GU
230v	PAR 16/LED (GU10)	Adjustable	073-C-GU

GU10 LED lamp can be installed  
See pages 58-59 for ceiling cut outs, heights and other fixture information.



## Soft Colour 90

Downlight in fixed and adjustable versions  
Allow minimum of 25mm above fixture

### LED

*	LED70**		Fixed	090-C-LED70
*	XSM 400/700/1000/1300**		Fixed	090-C-XSM
*	GEI 1000/1500/PUNCH		Fixed	090-C-GEI
*	LED70**		Adjustable	093-C-LED70
*	XSM 400/700/1000/1300**		Adjustable	093-C-XSM
*	GEI 1000/1500/PUNCH		Adjustable	093-C-GEI

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information

### Metal Halide

*240v	**20-35w	CDM-TC (G8.5)	Fixed	090-C-TC
*240v	**20-35w	CDM-TC (G8.5)	Adjustable	093-C-TC

\*Metal Halide-Control gear required  
\*\*Specify beam angle 15°/27°  
See pages 58-59 for ceiling cut outs, heights and other fixture information.

Anodised Colour Finishes - Add suffix to reference number when specifying

PS:Polished Silver • SS:Satin Silver • PG:Polished Gold • PC: Polished Copper • SG:Satin Gold • PB: Piano Black

Ceiling Trims - Add suffix to reference number when specifying TL:Trimless • TR-VH:Trim White • TR-BK:Trim Black

- Range of soft appearance downlights
- Various coloured anodised inserts
- For plaster in and existing ceiling installations
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable versions

- Die cast aluminium construction
- Specular and Satin finishes available
- IP44, fixed only
- Accepts up to 2 media accessories
- Deep regressed lamp for minimal glare

- Easy re-lamping and rotation of lamp body via sprung ball catches
- Multi-lamp versions available - See page 70



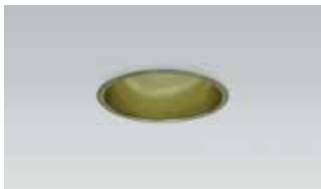
Satin Gold



Satin Silver



Piano Black



Polished Gold



Polished Silver



Polished Copper







- Plaster in and existing ceiling installations
- MR16 Mini Gobo top
- Fixed and adjustable versions
- Standard range of Gobos available
- Easy re-lamping and rotation of lamp body via sprung ball catches



### Soft 90 Fixed with Gobo Top

Fixed Downlight in trim and trimless versions  
Allow minimum of 25mm above fixture



### Soft 90 Accent with Gobo Top

Adjustable downlight in fixed and adjustable versions  
Allow minimum of 25mm above fixture

#### Low Voltage

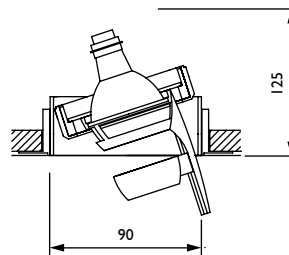
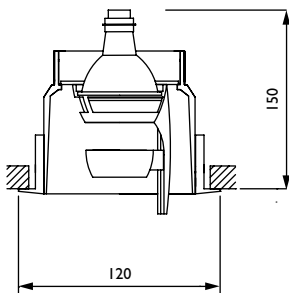
12v	50w	MR16 (GU5.3)	Trim	090-MR-TR-GB
12v	50w	MR16 (GU5.3)	Trimless	090-MR-TL-GB

*MR16 Retro-fit LED lamp can be installed  
See pages 58-61 for ceiling cut outs and other fixture information*

#### Low Voltage

12v	50w	MR16 (GU5.3)	Trim	093-MR-TR-GB
12v	50w	MR16 (GU5.3)	Trimless	093-MR-TL-GB

*MR16 Retro-fit LED lamp can be installed  
See pages 58-61 for ceiling cut outs and other fixture information*



#### Colour Finishes - Add suffix to reference number when specifying

Trimmed: WH-WH: White lamp body - White Trim • BK-BK: Black lamp body - Black Trim • BK-WH: Black lamp body - White Trim  
Trimless: WH: White lamp body • BK: Black lamp body



## Soft Square 50 Trimless Fixed

Square miniature trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture

LED			
*	LED35**		050-LED-TL-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			

Low Voltage			
12v	20-35w	MR11 (GU4)	050-MR-TL-SQ
<i>MR11 Retro-fit LED lamp can be installed</i>			



## Soft Square 50 Trimless Accent

Square miniature trimless adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED35**	30°	053-LED-TL-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			

Low Voltage			
12v	20-35w	MR11 (GU4)	053-MR-TL-SQ
<i>MR11 Retro-fit LED lamp can be installed</i>			



## Soft Square 70 Trimless Fixed

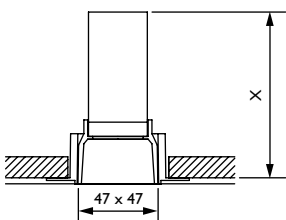
Square trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture

LED			
*	LED50**		070-LED-TL-SQ
*	XSM 400/700/1000/1300**		070-XSM-TL-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information</i>			

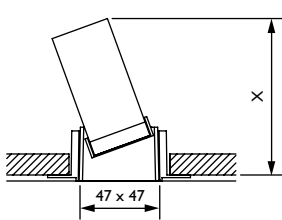
Low Voltage			
12v	20-35w	MR16 (GU5.3)	070-MR-TL-SQ
<i>MR16 Retro-fit LED lamp can be installed</i>			

Metal Halide			
240v	20-35w	CMH-MR16 (GX10)	070-MH-TL-SQ
<i>*Metal Halide-Control gear required</i>			

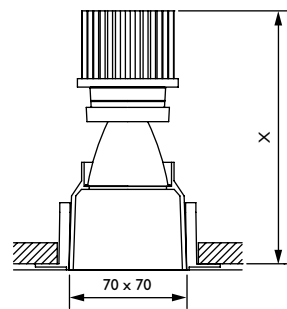
Mains Voltage			
*230v		PAR 16/LED (GU10)	070-GU-TL-SQ
<i>GU10 Retro-fit LED lamp can be installed</i>			



Height - X LED35 105mm • MR11 70mm  
Ceiling cut out = 61mm x 61mm



Height - X LED35 1005mm • MR11 65mm  
Ceiling cut out = 61mm x 61mm



Height - X LED50 160mm • XSM 160mm  
MR16 160mm • CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 84mm x 84mm

- Range of soft appearance trimless downlights
- Seamless appearance
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Die cast aluminium construction

- Die cast aluminium plaster installation kits
- Perma white or matt black internal finish (other colour finishes to order)
- IP44 versions (see text)
- Accepts up to 2 media accessories
- Deep regressed lamp for minimal glare

- Easy re-lamping of lamp body via sprung ball catches
- Multi-lamp versions available for trimless applications – See page 71



### Soft Square 70 Trimless Accent

Square trimless adjustable downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft Square 90 Trimless Fixed

Square trimless downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft Square 90 Trimless Accent

Square trimless adjustable downlight for plaster ceilings  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	20° 073-LED-TL-SQ
* XSM 400/700/1000/1300**	25° 073-XSM-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	25°	073-MR-TL-SQ
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

240v	20-35w	CMH-MR16 (GX10)	25°	073-MH-TL-SQ
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*\*Metal Halide-Control gear required*

#### Mains Voltage

*230v	PAR 16/LED (GU10)	25°	073-GU-TL-SQ
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*GU10 LED lamp can be installed*

LED	
* LED70**	090-LED70-TL-SQ
* XSM 400/700/1000/1300**	090-XSM-TL-SQ
* GEI 1000/1500/PUNCH	090-GEI-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

#### Metal Halide

*240v	**20-35w	CDM-TC (G8.5)	30°	090-TC-TL-SQ
-------	----------	---------------	-----	--------------

*\*Metal Halide-Control gear required*

*\*\*Specify beam angle 15°/27°*

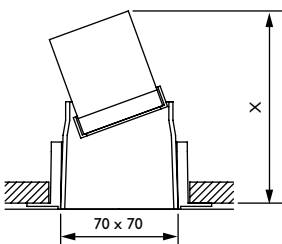
LED	Adj
* LED70**	30° 093-LED70-TL-SQ
* XSM 400/700/1000/1300**	30° 093-XSM-TL-SQ
* GEI 1000/1500/PUNCH	30° 093-GEI-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

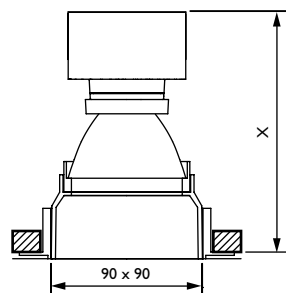
#### Metal Halide

*240v	**20-35w	CDM-TC (G8.5)	30°	093-TC-TL-SQ
-------	----------	---------------	-----	--------------

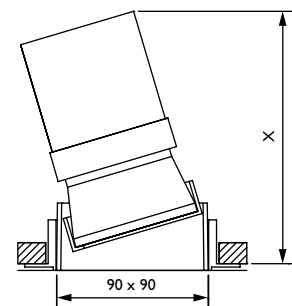
*\*Metal Halide-Control gear required*



Height - X LED50 160mm • XSM 165mm • MR16 160mm  
CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 84mm x 84mm



Height - X LED70 140mm • XSM 145mm  
GEI 165mm • CDM-TC 145mm  
Ceiling cut out = 103mm x 103mm



Height - X LED70 130mm • XSM 135mm  
GEI 155mm • CDM-TC 135mm  
Ceiling Cut Out = 103mm x 103mm

#### Colour Finishes - Add suffix to reference number when specifying

WH:White lamp body • BK:Black lamp body • IP:IP44



## Soft Square 50 Trim

Square miniature trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture

LED			
*	LED35**		050-LED-TR-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			

Low Voltage			
12v	20-35w	MR11 (GU4)	050-MR-TR-SQ
<i>MR11 Retro-fit LED lamp can be installed</i>			



## Soft Square 50 Trim Accent

Square miniature trimmed adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED35**	30°	053-LED-TR-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information</i>			

Low Voltage			
12v	20-35w	MR11(GU4)	30° 053-MR-TR-SQ
<i>MR11 Retro-fit LED lamp can be installed</i>			



## Soft Square 70 Trim

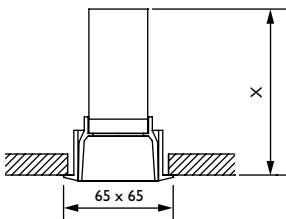
Square trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture

LED			
*	LED50**		070-LED-TR-SQ
*	XSM 400/700/1000/1300**		070-XSM-TR-SQ
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 24-27 for LED50 module information Refer to pages 34-37 for XSM module information</i>			

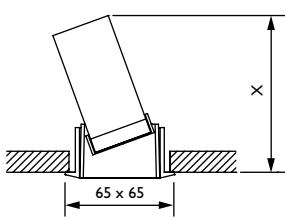
Low Voltage			
12v	20-35w	MR16 (GU5.3)	070-MR-TR-SQ
<i>MR16 Retro-fit LED lamp can be installed</i>			

Metal Halide			
240v	20-35w	CMH-MR16 (GX10)	070-MH-TR-SQ
<i>*Metal Halide-Control gear required</i>			

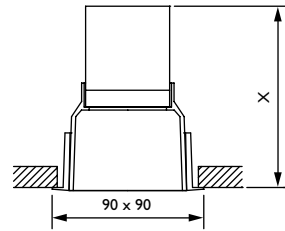
Mains Voltage			
*230v		PAR 16/LED (GU10)	070-GU-TR-SQ
<i>GU10 Retro-fit LED lamp can be installed</i>			



Height - X LED35 105mm • MR11 70mm  
Ceiling cut out = 61mm x 61mm



Height - X LED35 100mm • MR11 65mm  
Ceiling cut out = 61mm x 61mm



Height - X LED50 160mm • XSM 160mm  
MR16 160mm • CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 84mm x 84mm

- Range of soft appearance trimmed downlights
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Die cast aluminium construction
- Die cast aluminium trims
- Perma white or matt black internal finish (other colour finishes to order)
- IP44 versions (see text)
- Accepts up to 2 media accessories
- Deep regressed lamp for minimal glare
- Easy re-lamping of lamp body via sprung ball catches



### Soft Square 70 Trim Accent

Square trimmed adjustable downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft Square 90 Trim

Square trimmed downlight  
IP44 available  
Allow minimum of 25mm above fixture



### Soft Square 90 Trim Accent

Square trimmed adjustable downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	20° 073-LED-TR-SQ
* XSM 400/700/1000/1300**	25° 073-XSM-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 24-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v 20-35-50w MR16 (GU5.3)	25° 073-MR-TR-SQ
----------------------------	------------------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

240v 20-35w CMH-MR16 (GX10)	25° 073-MH-TR-SQ
-----------------------------	------------------

*\*Metal Halide-Control gear required*

#### Mains Voltage

*230v PAR 16/LED (GU10)	25° 073-GU-TR-SQ
-------------------------	------------------

*GU10 LED lamp can be installed*

LED	Adj
* LED70**	090-LED70-TR-SQ
* XSM 400/700/1000/1300**	090-XSM-TR-SQ
* GEI 1000/1500/PUNCH	090-GEI-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

#### Metal Halide

*240v **20-35w CDM-TC(G8.5)	090-TC-TR-SQ
-----------------------------	--------------

*\*Metal Halide-Control gear required*

*\*\*Specify beam angle 15°/27°*

LED	Adj
* LED70**	30° 093-LED70-TR-SQ
* XSM 400/700/1000/1300**	30° 093-XSM-TR-SQ
* GEI 1000/1500/PUNCH	30° 093-GEI-TR-SQ

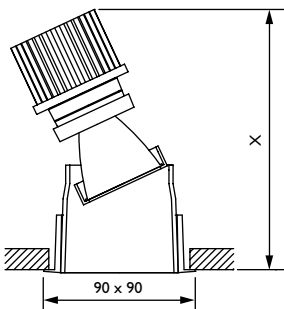
*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 28-29 for LED70 module information Refer to pages 32-37 for XSM & GEI module information*

#### Metal Halide

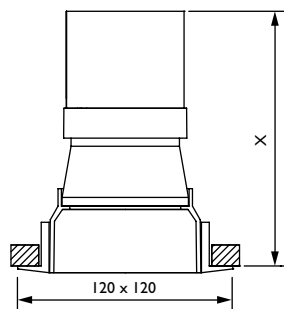
*240v **20-35w CDM-TC (G8.5)	35° 093-TC-TR-SQ
------------------------------	------------------

*\*Metal Halide-Control gear required*

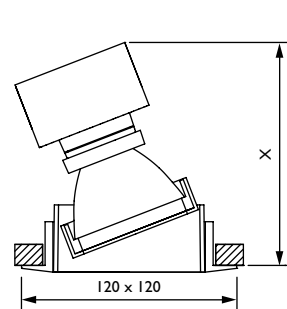
*\*\*Specify beam angle 15°/27°*



**Height - X** LED50 120mm • XSM 165mm • MR16 115mm  
CMH MR16 150mm • GU10 150mm  
**Ceiling cut out = 84mm x 84mm**



**Height - X** LED70 140mm • XSM 160mm  
GEI 170mm • CDM-TC 145mm  
**Ceiling cut out = 103mm x 103mm**



**Height - X** LED70 130mm • XSM 135mm  
GEI 155mm • CDM-TC 135mm  
**Ceiling Cut Out = 103mm x 103mm**

#### Colour Finishes - Add suffix to reference number when specifying

WH-WH: White lamp body - White Trim • BK-BK: Black lamp body - Black trim • BK-WH: Black lamp body - White trim • IP: IP44

# ProSpex® | Soft Multiple Trimless Kits

Twin and triple plaster in kits for seamless flush finish in freshly plastered ceilings for the purpose of maintaining equal spacing between fixtures. Standard spacing is 200mm O.C. but other spacings and multiples can be provided to special order.



## Soft Twin

Twin trimless kits for ProSpex Soft 50, 70 and 90  
Allow minimum of 25mm above fixtures

## Soft Triple

Triple trimless kits for ProSpex Soft 50, 70 and 90  
Allow minimum of 25mm above fixtures

Soft 50	250-TK-TL
Soft 70	270-TK-TL
Soft 90	290-TK-TL

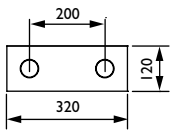
Soft 50	350-TK-TL
Soft 70	370-TK-TL
Soft 90	390-TK-TL

### Ceiling cut out

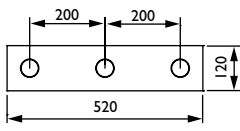
250-TK-TL	2 x 58mm Ø on 200mm O.C
270-TK-TL	2 x 80mm Ø on 200mm O.C
290-TK-TL	2 x 102mm Ø on 200mm O.C

### Ceiling cut out

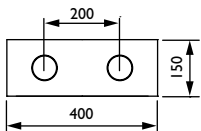
350-TK-TL	3 x 58mm Ø on 200mm O.C
370-TK-TL	3 x 80mm Ø on 200mm O.C
390-TK-TL	3 x 102mm Ø on 200mm O.C



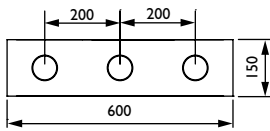
250-TK-TL



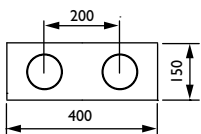
350-TK-TL



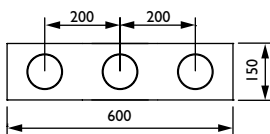
270-TK-TL



370-TK-TL



290-TK-TL



390-TK-TL

Fixtures: Select from pages 58-59

Fixtures: Select from pages 58-59

- Range of soft appearance trimless downlights for plaster in installations in Twin and Triple permutations as standard
- For consistent spacing between downlights
- Seamless appearance
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable options or mixed

- Die cast aluminium construction
- Fixtures 200mm O.C. as standard
- Perma white or matt black internal finish to downlights as standard with other RAL colours to special order
- IP44 available
- Accepts up to 2 media accessories

- Range of Specular, Semi Specular and Satin Anodised inserts available in Round versions only
- Deep regressed lamp for minimal glare
- Easy re-lamping and rotation of lamp body via sprung ball catches
- For fixture options see pages 58-67



### Soft Square Twin

Twin trimless kits for ProSpex Soft Square 50, 70 and 90  
Allow minimum of 25mm above fixtures



### Soft Square Triple

Triple trimless kits for ProSpex Soft Square 50, 70 and 90  
Allow minimum of 25mm above fixtures

Soft Square 50	250-TK-TL-SQ
Soft Square 70	270-TK-TL-SQ
Soft Square 90	290-TK-TL-SQ

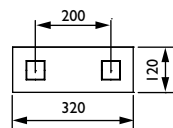
Soft Square 50	350-TK-TL-SQ
Soft Square 70	370-TK-TL-SQ
Soft Square 90	390-TK-TL-SQ

#### Ceiling cut out

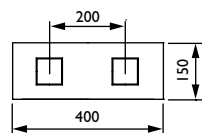
250-TK-TL-SQ	2 x 59mm x 59mm on 200mm O.C
270-TK-TL-SQ	2 x 84mm x 84mm on 200mm O.C
290-TK-TL-SQ	2 x 103mm x 103mm on 200mm O.C

#### Ceiling cut out

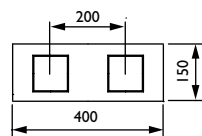
350-TK-TL-SQ	3 x 59mm x 59mm on 200mm O.C
370-TK-TL-SQ	3 x 84mm x 84mm on 200mm O.C
390-TK-TL-SQ	3 x 103mm x 103mm on 200mm O.C



250-TK-TL-SQ

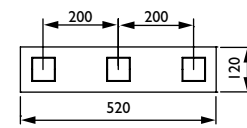


270-TK-TL-SQ

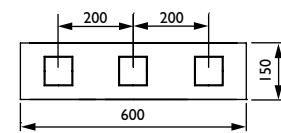


290-TK-TL-SQ

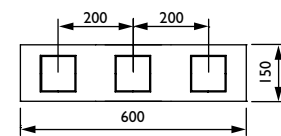
Fixtures: Select from pages 66-67



350-TK-TL-SQ



370-TK-TL-SQ



390-TK-TL-SQ

Fixtures: Select from pages 66-67



## Less Trim Mini Fixed

Minimal trim downlight  
 IP44 available  
 Allow minimum of 25mm above fixture

## Less Trim Mini Accent

Minimal trim adjustable downlight  
 Allow minimum of 25mm above fixture

LED		
*	LED50**	080-LED
*	XSM 400/700/1000/1300**	080-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	080-MR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w	CMH-MR16 (GX10)

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	080-GU

*GU10 LED lamp can be installed*

LED		Adj	
*	LED50**	15°	083-LED
*	XSM 400/700/1000/1300**	15°	083-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage				
12v	20-35-50w	MR16 (GU5.3)	15°	083-MR

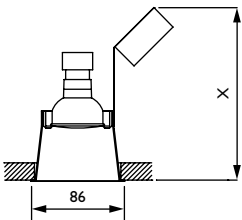
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	15°

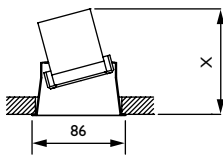
*\*Metal Halide-Control gear required*

Mains Voltage			
230v	PAR 16/LED (GU10)	15°	083-GU

*GU10 LED lamp can be installed*



**Height - X** LED50 110mm • XSM 160mm  
 MR16 155mm • CMH MR16 160mm • GU10 160mm  
**Ceiling cut out = 80mm Ø**



**Height - X** LED50 105mm • XSM 150mm  
 MR16 145mm • CMH MR16 150mm • GU10 150mm  
**Ceiling cut out = 80mm Ø**



- Range of soft appearance minimal trim downlights for achieving a trimless effect
- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable versions
- Perma white or matt black internal finish
- Other RAL colours available to order
- IP44 versions (see text)
- Deep regressed lamp for minimal glare
- Easy re-lamping with twist and lock action



### Less Trim Maxi Fixed

Minimal trim downlight  
IP44 available  
Allow minimum of 25mm above fixture

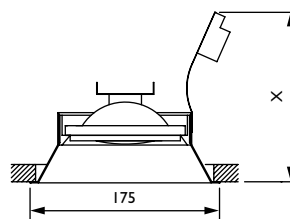


### Less Trim Maxi Accent

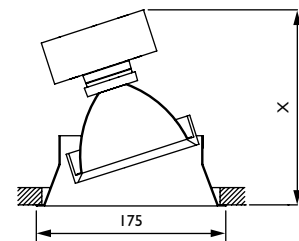
Minimal trim adjustable downlight  
Allow minimum of 25mm above fixture

LED			
*	XSM 700/1000/1300/2000**		170-XSM
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 34-37 for XSM module information</i>			
Low Voltage			
12v	35-75w	QR111 (G53)	170-11-QR
<i>QR111 Retro-fit LED lamp can be installed</i>			

LED		Adj	
*	XSM 700/1000/1300/2000**	20°	173-XSM
<i>*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 34-37 for XSM module information</i>			
Low Voltage			
12v	35-75w	QR111 (G53)	20° 173-11-QR
<i>QR111 Retro-fit LED lamp can be installed</i>			



Height - X XSM 175mm • QR111 120mm  
Ceiling cut out = 165mm Ø



Height - X XSM 185mm • QR111 120mm  
Ceiling cut out = 165mm Ø

# ProSpex® | Focus Downlights

Fixtures with deep recessed lamp position with a black internal baffle for minimal glare in three sizes. Discreet trim ring with magnetic front for easy re-lamping and rotation. Fixed and adjustable versions in all sizes for LED, low voltage and metal halide light sources including Lucent own brand LED35, LED50 plus Xicato modules. MR11, MR16 and GU10 LED lamps can be installed into these downlights. Focus is available in both IP54 and IP65 models. The range includes the Multi, for one, two and three lamp permutations for both Trim and Trimless applications.







## Focus 60 Fixed

Downlight with minimal ceiling trim  
IP44 as standard  
Allow minimum of 25mm above fixture



## Focus 60 Accent

Adjustable downlight with minimal ceiling trim  
Allow minimum of 25mm above fixture

LED		
*	LED50**	060-LED
*	XSM 400/700/1000**	060-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	060-16

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	060-MH

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	060-GU

*GU10 LED lamp can be installed*

LED		Adj	
*	LED50**	35°	063-LED
*	XSM 400/700/1000**	35°	063-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	35° 063-16

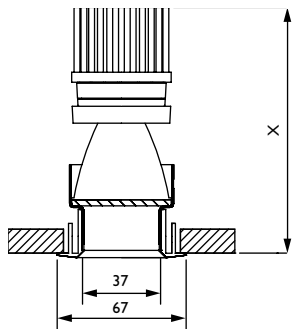
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	35° 063-MH

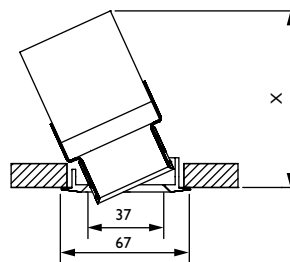
*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	35° 063-GU

*GU10 LED lamp can be installed*



Height - X LED50 90mm • XSM 140mm  
MR16 100mm • CMH MR16 120 • GU10 120  
Ceiling cut out = 62Ø



Height - X LED50 100mm • XSM 150mm  
MR16 110mm • CMH MR16 130 • GU10 130  
Ceiling cut out = 62Ø

- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Deep regressed lamp with black internal baffle for minimal glare
- IP54 versions available

- Accepts up to 2 media accessories
- White and Black finish as standard (other finishes available to order)
- Black internal baffle as standard
- Multi lamp versions available for trim and trimless applications - See pages 82-83



### Focus 60 IP54 Fixed

IP54 Downlight with minimal ceiling trim  
Allow minimum of 25mm above fixture

### Focus 60 IP54 Accent

IP54 Adjustable downlight with minimal ceiling trim  
Allow minimum of 25mm above fixture

#### LED

*	LED50**	060-LED-54
*	XSM 400/700/1000	060-XSM-54

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	060-16-54
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	060-MH-54
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*\*Metal Halide-Control gear required*

#### Mains Voltage

230v	PAR 16/LED (GU10)	060-GU-54
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*GU10 LED lamp can be installed*

#### LED

*	LED50**	35°	063-LED-54
*	XSM 400/700/1000**	35°	063-XSM-54

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	35°	063-16-54
-----	-----------	--------------	-----	-----------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

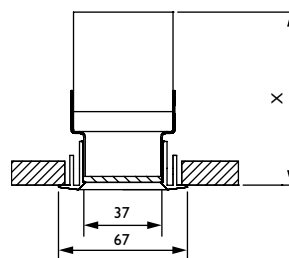
*240v	20-35w	CMH-MR16 (GX10)	35°	063-MH-54
-------	--------	-----------------	-----	-----------

*\*Metal Halide-Control gear required*

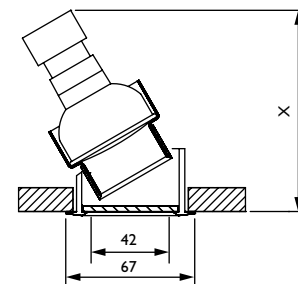
#### Mains Voltage

230v	PAR 16/LED (GU10)	35°	063-GU-54
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*GU10 LED lamp can be installed*



Height - X LED50 90mm • XSM 140mm  
MR16 90mm • CMH MR16 125 • GU10 125  
Ceiling cut out = 62Ø



Height - X LED50 100mm • XSM 150mm  
MR16 110mm • CMH MR16 130 • GU10 130  
Ceiling cut out = 62Ø



## Focus 70 Fixed

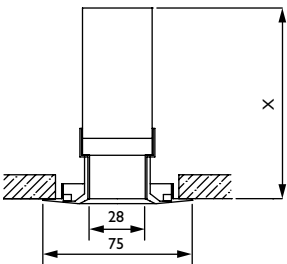
Downlight  
IP44 as standard  
Allow minimum of 25mm above fixture

## Focus 70 Accent

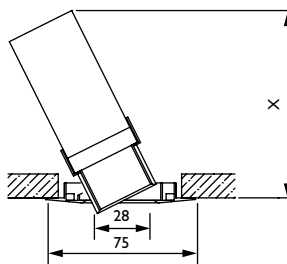
Adjustable Downlight  
Allow minimum of 25mm above fixture

LED			
*	LED35**		070-LED
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	070-11
MR11 Retro-fit LED lamp can be installed			

LED		Adj	
*	LED35**	35°	073-LED
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	35° 073-11
MR11 Retro-fit LED lamp can be installed			



Height - X LED35 100mm • MR11 70mm  
Ceiling cut out = 62Ø



Height - X LED35 95mm • MR11 65mm  
Ceiling cut out = 62Ø

- LED and low voltage versions
- Fixed and adjustable
- Easy re-lamping with magnetic front
- Deep regressed lamp with black internal baffle for minimal glare
- IP44 version (fixed only)
- Accepts up to 2 media accessories
- White and Black finish as standard (other finishes available to order)
- Black internal baffle as standard





## Focus 90 Fixed

Downlight with minimal ceiling trim  
IP44 as standard  
Allow minimum of 25mm above fixture

LED			
*	LED50**	090-LED	
*	XSM 400/700/1000**	090-XSM	

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	090-16

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	090-MH

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	090-GU

*GU10 LED lamp can be installed*



## Focus 90 Accent

Adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	35°	093-LED
*	XSM 400/700/1000**	35°	093-XSM

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	35° 093-16

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	35° 093-MH

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	35° 093-GU

*GU10 LED lamp can be installed*



## Focus 90 IP54 Fixed

IP54 Downlight  
Allow minimum of 25mm above fixture

LED			
*	LED50**	090-LED-54	
*	XSM 400/700/1000**	090-XSM-54	

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	090-16-54

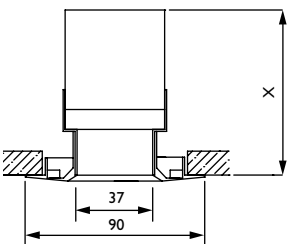
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	090-MH-54

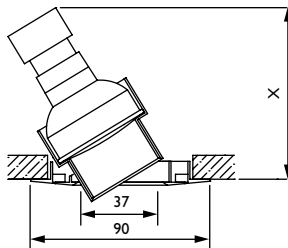
*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	090-GU-54

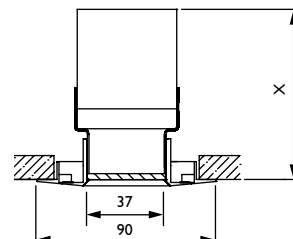
*GU10 LED lamp can be installed*



Height - X LED50 85mm • XSM 135mm  
MR16 95mm • CMH MR16 115mm • GU10 115mm  
Ceiling cut out = 73Ø



Height - X LED50 85mm • XSM 135mm  
MR16 95mm • CMH MR16 115mm • GU10 115mm  
Ceiling cut out = 73Ø



Height - X LED50 90mm • XSM 135mm  
MR16 95mm • CMH MR16 125 • GU10 125  
Ceiling cut out = 73Ø



- LED, low voltage, mains voltage and metal halide versions
- Fixed and adjustable
- Easy re-lamping with magnetic front
- Deep regressed lamp with black internal baffle for minimal glare

- IP versions
- Accepts up to 2 media accessories
- White and Black finish as standard (other finishes available to order)
- Black internal baffle as standard



### Focus 90 Accent IP54

IP54 Adjustable downlight  
Allow minimum of 25mm above fixture

### Focus 90 IP65 Fixed

IP65 Downlight  
Allow minimum of 25mm above fixture

### Focus 90 Accent IP65

IP65 Adjustable downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 093-LED-54
* XSM 400/700/1000**	35° 093-XSM-54

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	35° 093-16-54

MR16 Retro-fit LED lamp can be installed

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	35° 093-MH-54

\*Metal Halide-Control gear required

Mains Voltage	
230v PAR 16/LED (GU10)	35° 093-GU-54

GU10 LED lamp can be installed

LED	
* LED50**	090-LED-65
* XSM 400/700/1000**	090-XSM-65

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	090-16-65

MR16 Retro-fit LED lamp can be installed

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	090-MH-65

\*Metal Halide-Control gear required

Mains Voltage	
230v PAR 16/LED (GU10)	090-GU-65

GU10 LED lamp can be installed

LED	Adj
* LED50**	35° 093-LED-65
* XSM 400/700/1000**	35° 093-XSM-65

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	35° 093-16-65

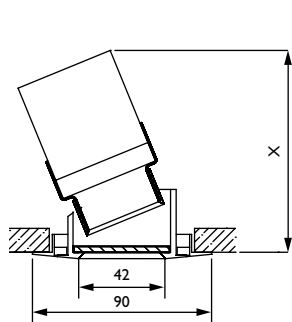
MR16 Retro-fit LED lamp can be installed

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	35° 093-MH-65

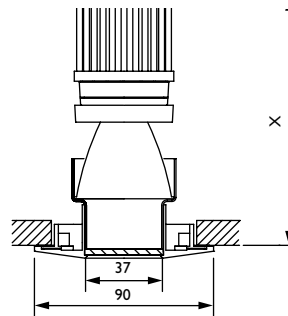
\*Metal Halide-Control gear required

Mains Voltage	
230v PAR 16/LED (GU10)	35° 093-GU-65

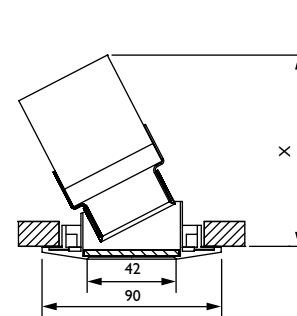
GU10 LED lamp can be installed



Height - X LED50 105mm • XSM 155mm  
MR16 95mm • CMH MR16 130mm • GU10 130mm  
Ceiling cut out = 73Ø



Height - X LED50 95mm • XSM 135mm  
MR16 85mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 73Ø



Height - X LED50 105mm • XSM 155mm  
MR16 95mm • CMH MR16 130mm • GU10 130mm  
Ceiling cut out = 73Ø



## Single Focus Trimless

Adjustable Downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 1063-LED-TL
* XSM 400/700/1000/1300**	35° 1063-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 1063-16-TL
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

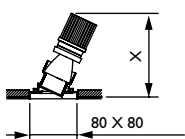
240v 20-35w CMH-MR16(GX10)	35° 1063-MH-TL
----------------------------	----------------

*\*Metal Halide-Control gear required*

### Mains Voltage

230v PAR 16/LED(GU10)	35° 1063-GU-TL
-----------------------	----------------

*GU10 LED lamp can be installed*



Height - X LED50 100mm • XSM 150mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 87 x 87mm



## Twin Focus Trimless

Two lamp adjustable Downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 2063-LED-TL
* XSM 400/700/1000/1300**	35° 2063-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 2063-16-TL
---------------------------	----------------

*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

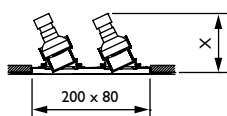
240v 20-35w CMH-MR16(GX10)	35° 2063-MH-TL
----------------------------	----------------

*\*Metal Halide-Control gear required*

### Mains Voltage

230v PAR 16/LED(GU10)	35° 2063-GU-TL
-----------------------	----------------

*GU10 LED lamp can be installed*



Height - X LED50 100mm • XSM 150mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 207 x 87mm



## Triple Focus Trimless

Three lamp adjustable Downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 3063-LED-TL
* XSM 400/700/1000/1300**	35° 3063-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 3063-16-TL
---------------------------	----------------

*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

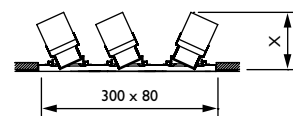
240v 20-35w CMH-MR16(GX10)	35° 3063-MH-TL
----------------------------	----------------

*\*Metal Halide-Control gear required*

### Mains Voltage

230v PAR 16/LED(GU10)	35° 3063-GU-TL
-----------------------	----------------

*GU10 LED lamp can be installed*



Height - X LED50 100mm • XSM 150mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 307 x 87mm

- Single, Twin and Triple Trimless version for Seamless appearance in plaster ceilings
- Single, Twin and Triple Trimmed version with overlap flange
- LED, low voltage, mains voltage and metal halide versions
- Easy re-lamping with magnetic front

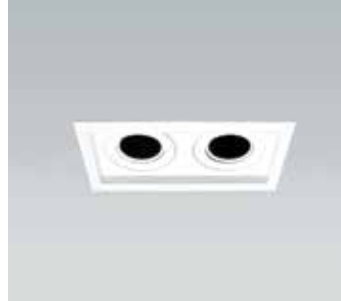
- Deep regressed lamp with black internal baffle for minimal glare
- IP44 versions available
- Accepts up to 2 media accessories
- White and Black finish as standard with other RAL colours to special order

- Black internal baffle as standard
- Fixtures mounted @100mm on centre
- Adjustment shown on twin and triple versions, in one direction
- Limited adjustment in opposite directions



### Single Focus Trimmed

Adjustable Downlight with minimal trim  
Allow minimum of 25mm above fixture



### Twin Focus Trimmed

Two lamp adjustable Downlight with minimal trim  
Allow minimum of 25mm above fixture



### Triple Focus Trimmed

Three lamp adjustable Downlight with minimal trim  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 1063-LED-TR
* XSM 400/700/1000/1300**	35° 1063-XSM-TR

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

#### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 1063-16-TR
---------------------------	----------------

MR16 Retro-fit LED lamp can be installed

#### Metal Halide

240v 20-35w CMH-MR16(GX10)	35° 1063-MH-TR
----------------------------	----------------

\*Metal Halide-Control gear required

#### Mains Voltage

230v PAR 16/LED(GU10)	35° 1063-GU-TR
-----------------------	----------------

GU10 LED lamp can be installed

LED	Adj
* LED50**	35° 2063-LED-TR
* XSM 400/700/1000/1300**	35° 2063-XSM-TR

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

#### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 2063-16-TR
---------------------------	----------------

MR16 Retro-fit LED lamp can be installed

#### Metal Halide

240v 20-35w CMH-MR16(GX10)	35° 2063-MH-TR
----------------------------	----------------

\*Metal Halide-Control gear required

#### Mains Voltage

230v PAR 16/LED(GU10)	35° 2063-GU-TR
-----------------------	----------------

GU10 LED lamp can be installed

LED	Adj
* LED50**	35° 3063-LED-TR
* XSM 400/700/1000/1300**	35° 3063-XSM-TR

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

#### Low Voltage

12v 20-35-50w MR16(GU5.3)	35° 3063-16-TR
---------------------------	----------------

MR16 Retro-fit LED lamp can be installed

#### Metal Halide

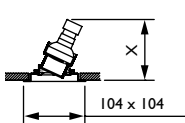
240v 20-35w CMH-MR16(GX10)	35° 3063-MH-TR
----------------------------	----------------

\*Metal Halide-Control gear required

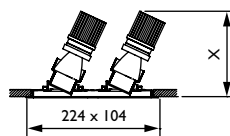
#### Mains Voltage

230v PAR 16/LED(GU10)	35° 3063-GU-TR
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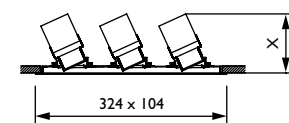
GU10 LED lamp can be installed



Height - X LED50 105mm • XSM 155mm  
MR16 105mm • CMH MR16 140 • GU10 140  
Ceiling cut out = 94 x 94mm



Height - X LED50 105mm • XSM 155mm  
MR16 105mm • CMH MR16 140 • GU10 140  
Ceiling cut out = 214 x 94mm



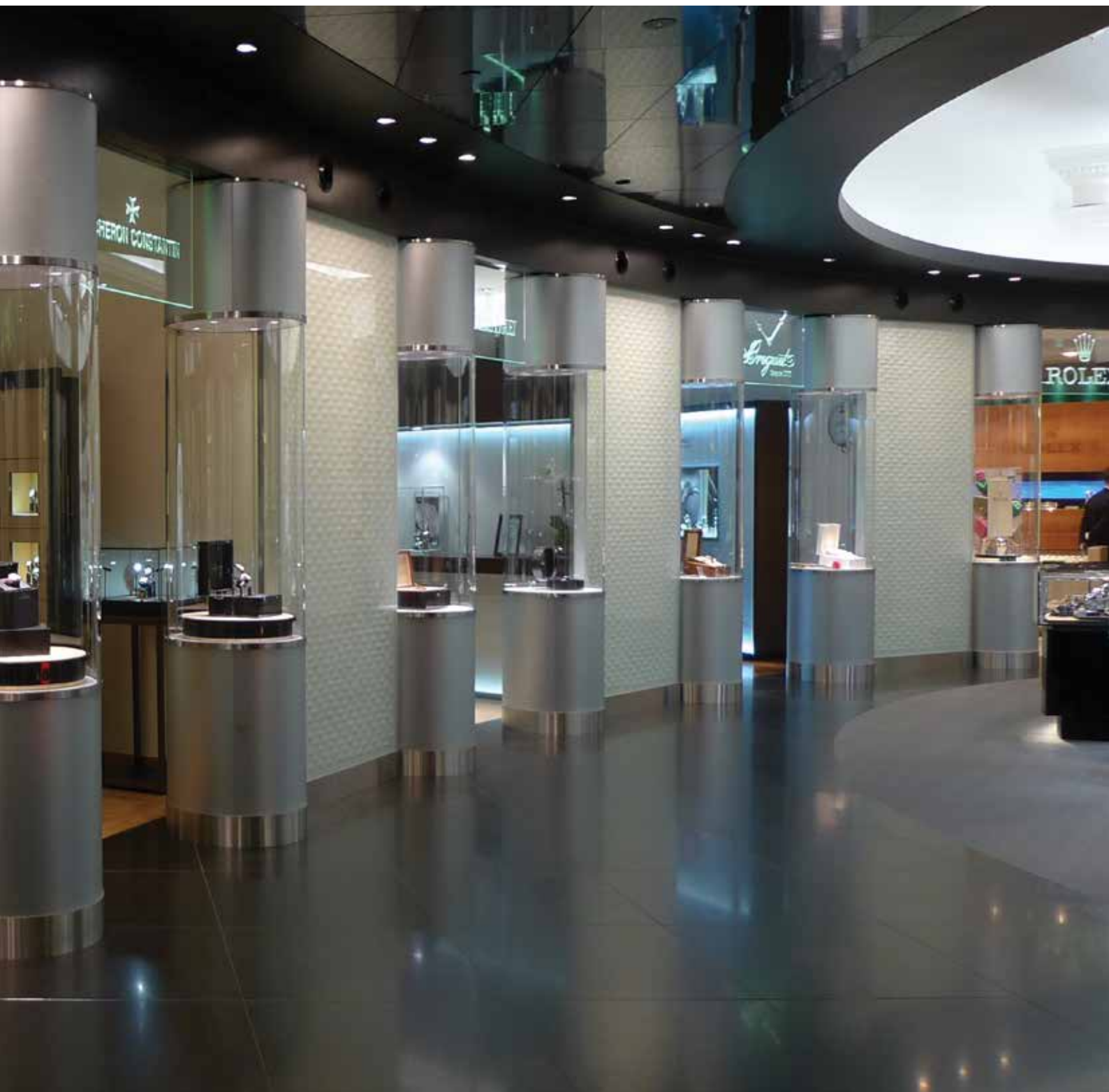
Height - X LED50 105mm • XSM 155mm  
MR16 105mm • CMH MR16 140 • GU10 140  
Ceiling cut out = 314 x 94mm

# ProSpex® | Plus Downlights

Architecturally designed programme of square pyramidal and round conical, fixed, accent and wallwash, trimless or trimmed downlight fixtures for a range of LED, low voltage and metal halide light sources including Lucent own brand LED35, LED50, LED70, Xicato and GE modules. MR11 LED, MR16 LED and GU10 LED lamps can also be installed into this range of architectural downlights. The Plus range features gear driven dual axis adjustment that allows hot aiming whilst the lamp is on and also remains fully locked in focus throughout the re-lamping process.



The Plus programme now includes the ProSpex Plus XL, allowing larger output versions of the LED light sources to be used including, Lucent own brand LED70, Xicato and GE modules. The whole range will compliment many types of interiors whether hospitality, retail or residential. All fixtures accept lenses and louvres to add effect, and add a signature to the scheme.



# ProSpex® | Plus Special Features

ProSpex Plus fitted with ProSpex LED50 module



Architectural grade MR16 halogen, MR16 miniature metal halide and LED downlights with both trim and trimless options.

Adjustable fixtures feature gear driven dual axis adjustment with centre beam optics.

Die cast aluminium trims with minimal thickness. Available in round and square, both adjustable and fixed.

Adjustable versions feature hot aiming with 45° centre beam tilt and 350° rotation, both with gear driven locking.

Trims available in round with conical and flat faceplates and square with pyramidal and flat faceplates.

Edge of pinhole painted matt black to ensure aperture edge is non-reflective and glare free.

Fixtures adjusted with just a screwdriver, in situ, whilst the lamp is on. Quick access to the adjustment mechanism and for re-lamping via easily removable front plate.

Matching wallwash fixtures in round and square complement the range.

Matching wallwash fixtures feature 0° to 30° adjustment to achieve the desired wallwash effect.



Tilt adjustment point and indicator



Gear driven tilt



Safety glass for IP44



Gear driven rotation



90°

45°



0°

350°

Lucent ProSpex adjustable downlights are supplied with lockable tilt and rotation feature, allowing hot aiming using a screwdriver which simplifies focusing while the lamp is on. The fixture remains locked in focus throughout the re-lamping process.



Our trimless downlights install flush to the ceiling to create a neat seamless appearance.

The installation of our die cast aluminium trimless plaster kits is easy. After the kit is installed, plastered and painted the fitting of the downlight mechanism is carried out with simple push up ball catches.

1. Fit plaster kit to underside of plasterboard with the countersunk plaster board screws provided
2. Skim plaster to the edge of the raised lip and decorate
3. Install downlight mechanism to the plaster kit
4. Attach trim to safety wire
5. Finished appearance in black





Conical trim adjustable with ProSpex LED



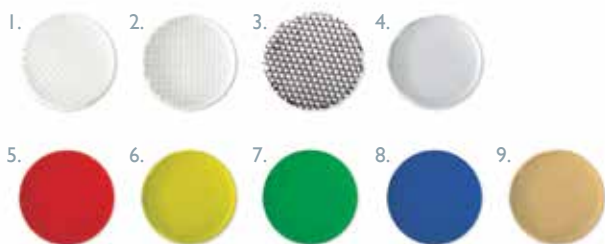
Pyramidal trim adjustable with ProSpex LED

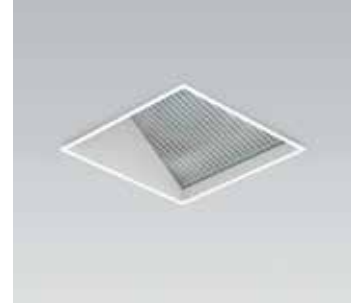


**Three Media System**

- Up to three lenses or louvres can be fitted (see our range below)
- Glare reducing snoot

1. Spread 2. Diffusion 3. Honeycomb 4. Frosted  
 5. Red 6. Yellow 7. Green 8. Blue 9. 2700K





## Plus Pyramidal Trimless Fixed

Trimless square downlight  
Allow minimum of 25mm above fixture

## Plus Pyramidal Trimless Accent

Trimless square adjustable downlight  
Allow minimum of 25mm above fixture

## Plus Square Wallwash Trimless

Trimless square lensed wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED		
*	LED50**	090+LED-TL-SQ
*	XSM 400/700/1000/1300**	090+XSM-TL-SQ

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	090+MR-TL-SQ

MR16 Retro-fit LED lamp can be installed

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	090+MH-TL-SQ

\*Metal Halide-Control gear required

Mains Voltage		
230v	PAR 16/LED (GU10)	090+GU-TL-SQ

GU10 LED lamp can be installed

LED		Adj
*	LED50**	45° 093+LED-TL-SQ
*	XSM 400/700/1000/1300**	45° 093+XSM-TL-SQ

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	45° 093+MR-TL-SQ

MR16 Retro-fit LED lamp can be installed

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	45° 093+MH-TL-SQ

\*Metal Halide-Control gear required

Mains Voltage		
230v	PAR 16/LED (GU10)	45° 093+GU-TL-SQ

GU10 Retro-fit LED lamp can be installed

LED		
*	LED50**	090+LED-TL-WW-SQ
*	XSM 400/700/1000/1300**	090+XSM-TL-WW-SQ

\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	090+MR-TL-WW-SQ

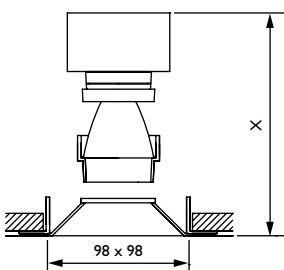
MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	090+MH-TL-WW-SQ

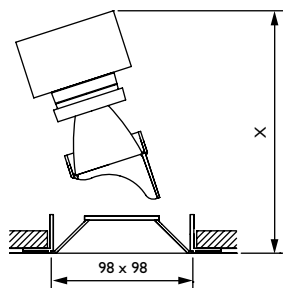
\*Metal Halide-Control gear required 40° Beam angle recommended

Mains Voltage		
230v	PAR 16/LED (GU10)	090+GU-TL-WW-SQ

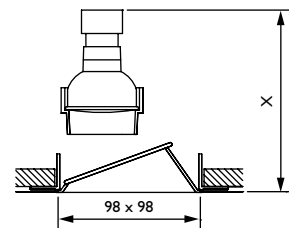
GU10 LED lamp can be installed 36° Beam angle recommended



Height - X LED50 110mm • XSM 150mm  
MR16 110mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 102mm x 102mm



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm

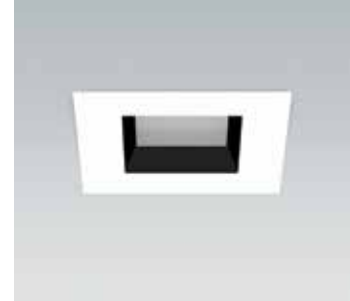


Height - X LED50 115mm • XSM 140mm  
MR16 115mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm

- Die cast aluminium construction
- Separate die cast plaster in kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven tilt and rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 3 media can be fitted

- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus Square Trimless Fixed

Trimless square aperture downlight  
Allow minimum of 25mm above fixture

### Plus Square Trimless Accent

Trimless square aperture adjustable downlight  
Allow minimum of 25mm above fixture

LED			
*	LED50**		090+33-LED-TL-SQ
*	XSM 400/700/1000/1300**		090+33-XSM-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	090+33-MR-TL-SQ

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	090+33-MH-TL-SQ

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	090+33-GU-TL-SQ

*GU10 LED lamp can be installed*

LED		Adj	
*	LED50**	45°	093+33-LED-TL-SQ
*	XSM 400/700/1000/1300**	45°	093+33-XSM-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	45° 093+33-MR-TL-SQ

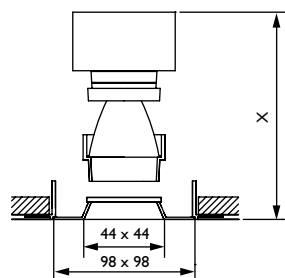
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	45° 093+33-MH-TL-SQ

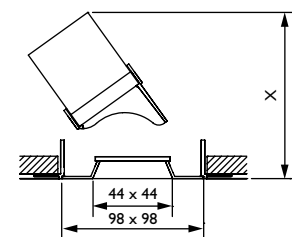
*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	45° 093+33-GU-TL-SQ

*GU10 Retro-fit LED lamp can be installed*



Height - X LED50 100mm • XSM 140mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 102mm x 102mm



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm



## Plus Pyramidal Trim Fixed

Trimmed square downlight  
Allow minimum of 25mm above fixture

LED		
*	LED50**	090+LED-TR-SQ
*	XSM 400/700/1000/1300**	090+XSM-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	090+MR-TR-SQ
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	090+MH-TR-SQ
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v	PAR 16/LED (GU10)	090+GU-TR-SQ
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*GU10 LED lamp can be installed*



## Plus Pyramidal Trim Accent

Trimmed square adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	45°	093+LED-TR-SQ
*	XSM 400/700/1000/1300**	45°	093+XSM-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	45°	093+MR-TR-SQ
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

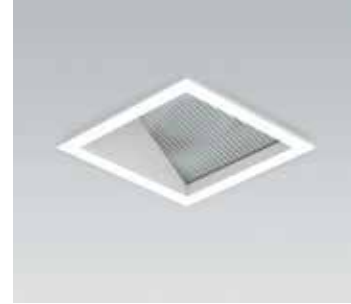
*240v	20-35w	CMH-MR16 (GX10)	45°	093+MH-TR-SQ
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v	PAR 16/LED (GU10)	45°	093+GU-TR-SQ
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*GU10 Retro-fit LED lamp can be installed*



## Plus Square Wallwash Trim

Trimmed square lensed wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED		
*	LED50**	090+LED-TR-WW-SQ
*	XSM 400/700/1000/1300**	090+XSM-TR-WW-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	090+MR-TR-WW-SQ
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*MR16 Retro-fit LED lamp can be installed 36° / 38° Beam angle recommended*

### Metal Halide

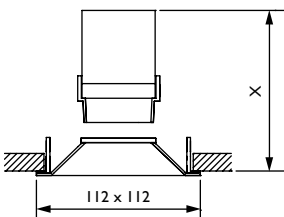
*240v	20-35w	CMH-MR16 (GX10)	090+MH-TR-WW-SQ
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*\*Metal Halide-Control gear required 40° Beam angle recommended*

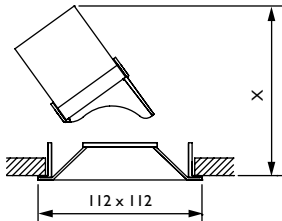
### Mains Voltage

230v	PAR 16/LED (GU10)	090+GU-TR-WW-SQ
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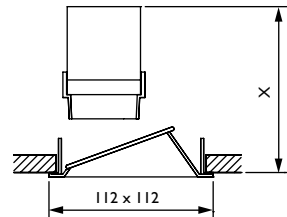
*GU10 LED lamp can be installed 36° Beam angle recommended*



Height - X LED50 110mm • XSM 150mm  
MR16 110mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 102mm x 102mm



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm

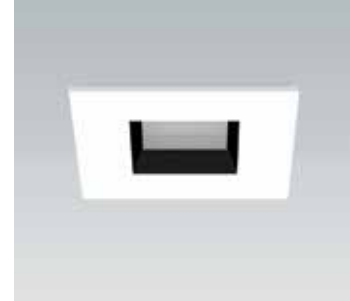
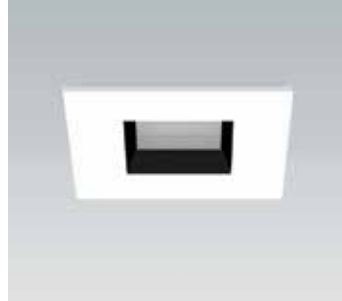


Height - X LED50 115mm • XSM 140mm  
MR16 115mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm

- Die cast aluminium construction
- Separate die cast ceiling trim kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven tilt and rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 3 media can be fitted
- IP44 as standard

- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus Square Trim Fixed

Trimmed square aperture downlight  
Allow minimum of 25mm above fixture

### Plus Square Trim Accent

Trimmed square aperture accent downlight  
Allow minimum of 25mm above fixture

LED	
* LED50**	090+33-LED-TR-SQ
* XSM 400/700/1000/1300**	090+33-XSM-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	090+33-MR-TR-SQ

*MR16 Retro-fit LED lamp can be installed*

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	090+33-MH-TR-SQ

*\*Metal Halide-Control gear required*

Mains Voltage	
230v PAR 16/LED (GU10)	090+33-GU-TR-SQ

*GU10 LED lamp can be installed*

LED	Adj
* LED50**	45° 093+33-LED-TR-SQ
* XSM 400/700/1000/1300**	45° 093+33-XSM-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	45° 093+33-MR-TR-SQ

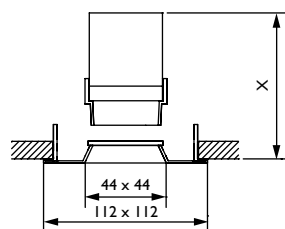
*MR16 Retro-fit LED lamp can be installed*

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	45° 093+33-MH-TR-SQ

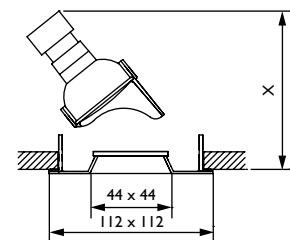
*\*Metal Halide-Control gear required*

Mains Voltage	
230v PAR 16/LED (GU10)	45° 093+33-GU-TR-SQ

*GU10 Retro-fit LED lamp can be installed*



Height - X LED50 100mm • XSM 140mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 102mm x 102mm



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm x 102mm



## Plus Multi Trimless

Trimless rectangular adjustable downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	45° 293+LED-TL
* XSM 400/700/1000/1300**	45° 293+XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	45°	293+MR-TL
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	45°	293+MH-TL
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v		PAR 16/LED (GU10)	45°	293+GU-TL
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*GU10 LED lamp can be installed*



## Plus Multi Wallwash Trimless

Trimless lensed rectangular wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED	
* LED50**	293+LED-TL-WWW
* XSM 400/700/1000/1300**	293+XSM-TL-WWW

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)		293+MR-TL-WWW
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

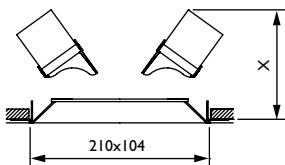
*240v	20-35w	CMH-MR16 (GX10)		293+MH-TL-WWW
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*\*Metal Halide-Control gear required*

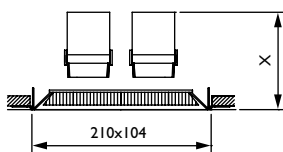
### Mains Voltage

230v		PAR 16/LED (GU10)		293+GU-TL-WWW
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*GU10 LED lamp can be installed*



**Height - X** LED50 145mm • XSM 180mm  
MR16 145mm • CMH MR16 175mm • GU10 175mm  
**Ceiling cut out = 210mm x 103mm**

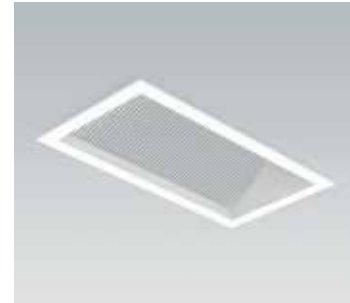


**Height - X** LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 160mm • GU10 160mm  
**Ceiling cut out = 210mm x 103mm**

- Twin lamp rectangular fixtures
- Aluminium construction
- Separate ceiling trim kits for trimless and trim applications
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven tilt and rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- Wallwash version
- 0-30° adjustment on Wallwash fixtures
- Up to 3 media can be fitted

- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus Multi Trim

Trimmed rectangular adjustable downlight  
Allow minimum of 25mm above fixture

### Plus Multi Wallwash Trim

Trimmed lensed rectangular wallwash downlight with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED		Adj	
* LED50**		45°	293+LED-TR
* XSM 400/700/1000/1300**		45°	293+XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	45°	293+MR-TR
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	45°	293+MH-TR
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*\*Metal Halide-Control gear required*

#### Mains Voltage

230v		PAR 16/LED (GU10)	45°	293+GU-TR
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*GU10 LED lamp can be installed*

LED		Adj	
* LED50**			293+LED-TR-VWW
* XSM 400/700/1000/1300**			293+XSM-TR-VWW

*\*LED driver required – specify drive current and dimming protocol if required \*\* Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

#### Low Voltage

12v	20-35-50w	MR16 (GU5.3)		293+MR-TR-VWW
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*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

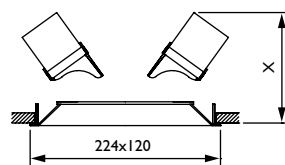
*240v	20-35w	CMH-MR16 (GX10)		293+MH-TR-VWW
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*\*Metal Halide-Control gear required*

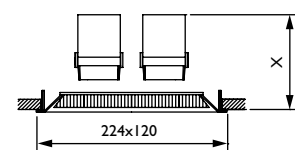
#### Mains Voltage

230v		PAR 16/LED (GU10)		293+GU-TR-VWW
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*GU10 LED lamp can be installed*



Height - X LED50 145mm • XSM 180mm  
MR16 145mm • CMH MR16 175mm • GU10 175mm  
Ceiling cut out = 216mm x 103mm



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 160mm • GU10 160mm  
Ceiling cut out = 216mm x 103mm



## Plus Conical Trimless Fixed

Trimless round downlight  
Allow minimum of 25mm above fixture

LED		
*	LED50**	090+LED-TL
*	XSM 400/700/1000/1300**	090+XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	090+MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	090+MH-TL

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	090+GU-TL

*GU10 LED lamp can be installed*



## Plus Conical Accent Trimless

Trimless round adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj
*	LED50**	45° 093+LED-TL
*	XSM 400/700/1000/1300**	45° 093+XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	45° 093+MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	45° 093+MH-TL

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	45° 093+GU-TL

*GU10 LED lamp can be installed*



## Plus Round Wallwash Trimless

Trimless round lensed wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED	
*	LED50** 090+LED-TL-WWW
*	XSM 400/700/1000/1300** 090+XSM-TL-WWW

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information LED50: 36° Optic recommended Xicato XSM: 40° Optic recommended*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	090+MR-TL-WWW

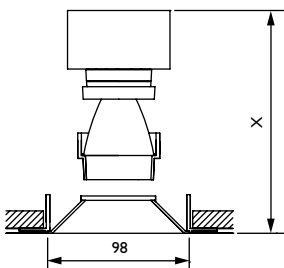
*MR16 Retro-fit LED lamp can be installed  
36° / 38° Beam angle recommended*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	090+MH-TL-WWW

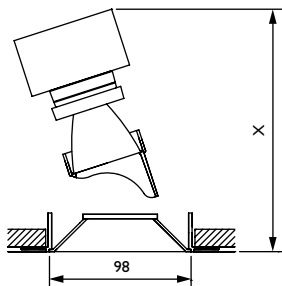
*\*Metal Halide-Control gear required  
40° Beam angle recommended*

Mains Voltage		
230v	PAR 16/LED (GU10)	090+GU-TL-WWW

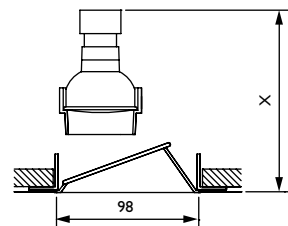
*GU10 LED lamp can be installed  
36° Beam angle recommended*



Height - X LED50 110mm • XSM 150mm  
MR16 110mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 102mm Ø



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø



Height - X LED50 115mm • XSM 140mm  
MR16 115mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø



- Die cast aluminium construction
- Separate die cast plaster in kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven tilt and rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 3 media can be fitted

- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus Pinhole Trimless Fixed

Trimless round aperture downlight  
Allow minimum of 25mm above fixture

### Plus Pinhole Trimless Accent

Trimless round aperture adjustable downlight  
Allow minimum of 25mm above fixture

LED		
* LED50**		090+13-LED-TL
* XSM 400/700/1000/1300**		090+13-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage		
12v 20-35-50w MR16 (GU5.3)		090+13-MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v 20-35w CMH-MR16 (GX10)		090+13-MH-TL

*\*Metal Halide-Control gear required*

Mains Voltage		
230v PAR 16/LED (GU10)		090+13-GU-TL

*GU10 LED lamp can be installed*

LED		Adj
* LED50**		45° 093+13-LED-TL
* XSM 400/700/1000/1300**		45° 093+13-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage			
12v 20-35-50w MR16 (GU5.3)	45°		093+13-MR-TL

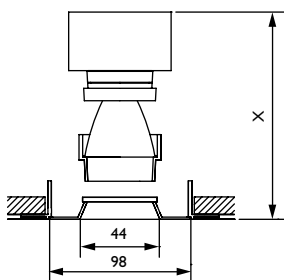
*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v 20-35w CMH-MR16 (GX10)	45°		093+13-MH-TL

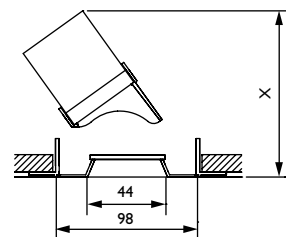
*\*Metal Halide-Control gear required*

Mains Voltage			
230v PAR 16/LED (GU10)	45°		093+13-GU-TL

*GU10 LED lamp can be installed*



Height - X LED50 100mm • XSM 140mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 102mm Ø



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø

# ProSpex® | Plus Round Trim



## Plus Conical Trim Fixed

Trimmed round downlight  
Allow minimum of 25mm above fixture

LED		
*	LED50**	090+LED-TR
*	XSM 400/700/1000/1300**	090+XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	090+MR-TR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	090+MH-TR

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	090+GU-TR

*GU10 LED lamp can be installed*



## Plus Conical Trim Accent

Trimmed round adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	45°	093+LED-TR
*	XSM 400/700/1000/1300**	45°	093+XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	45° 093+MR-TR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	45° 093+MH-TR

*\*Metal Halide-Control gear required*

Mains Voltage			
230v		PAR 16/LED (GU10)	45° 093+GU-TR

*GU10 LED lamp can be installed*



## Plus Round Wallwash Trim

Trimmed round lensed wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED		LED	
*	LED50**	090+LED-TR-WWW	
*	XSM 400/700/1000/1300**	090+XSM-TR-WWW	

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information. LED50: 36° Optic recommended. Xicato XSM: 40° Optic recommended*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	090+MR-TR-WWW

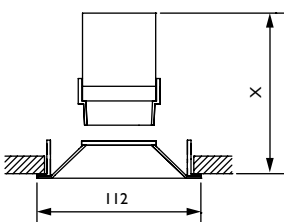
*MR16 Retro-fit LED lamp can be installed. 36° / 38° Beam angle recommended*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	090+MH-TR-WWW

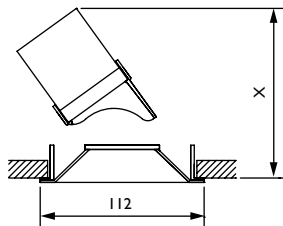
*\*Metal Halide-Control gear required. 40° Beam angle recommended*

Mains Voltage			
230v		PAR 16/LED (GU10)	090+GU-TR-WWW

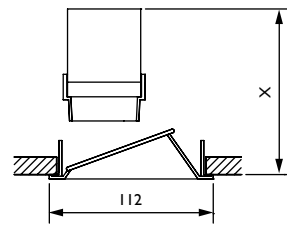
*GU10 LED lamp can be installed. 36° Beam angle recommended*



Height - X LED50 110mm • XSM 150mm  
MR16 110mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 102mm Ø



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø



Height - X LED50 115mm • XSM 140mm  
MR16 115mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø

- Die cast aluminium construction
- Separate die cast ceiling trim kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven tilt and rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 3 media can be fitted
- IP44 as standard

- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus Pinhole Trim Fixed

Trimmed round aperture downlight  
Allow minimum of 25mm above fixture



### Plus Pinhole Trim Accent

Trimmed round aperture adjustable downlight  
Allow minimum of 25mm above fixture

LED	
* LED50**	090+13-LED-TR
* XSM 400/700/1000/1300**	090+13-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	090+13-MR-TR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	090+13-MH-TR

*\*Metal Halide-Control gear required  
40° Beam angle recommended*

Mains Voltage	
230v PAR 16/LED (GU10)	090+13-GU-TR

*GU10 LED lamp can be installed*

LED		Adj
* LED50**	45°	093+13-LED-TR
* XSM 400/700/1000/1300**	45°	093+13-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage	
12v 20-35-50w MR16 (GU5.3)	45° 093+13-MR-TR

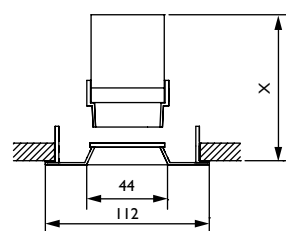
*MR16 Retro-fit LED lamp can be installed.*

Metal Halide	
*240v 20-35w CMH-MR16 (GX10)	45° 093+13-MH-TR

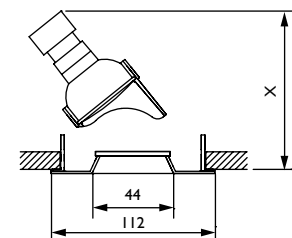
*\*Metal Halide-Control gear required*

Mains Voltage	
230v PAR 16/LED (GU10)	45° 093+13-GU-TR

*GU10 LED lamp can be installed*



Height - X LED50 100mm • XSM 140mm  
MR16 100mm • CMH MR16 135mm • GU10 135mm  
Ceiling cut out = 102mm Ø



Height - X LED50 130mm • XSM 165mm  
MR16 130mm • CMH MR16 150mm • GU10 150mm  
Ceiling cut out = 102mm Ø

# ProSpex® | Plus XL Special Features

A larger size of the popular Plus range with square, pyramidal, round pinhole and conical, in both fixed and accent, with matching wallwash version. Available in both trimmed and trimless variants. Plus XL features all the same benefits as the Plus including locking tilt and rotation and is designed specifically to accept the new LED light sources from Xicato and GE with 70mm reflector sizes ensuring maximum performance. Lucent has developed a new LED70 module to complement the XL range. The Plus XL range will compliment many types of interiors whether hospitality, retail or residential. All fixtures accept lenses and louvres.

ProSpex Plus XL adjustable mechanism with LED70



Architectural specification grade LED and metal halide downlights with trim and trimless options.

Die cast aluminium trims with minimal thickness. Available in round and square both in adjustable and fixed.

Adjustable versions feature hot aiming and 359° rotation both with mechanical locking.

Built in memory ensures lamp remains locked in focus throughout the relamping process.

Graduated screen printed tilt adjustment indicator.

Round trims with pinhole and conical faceplates and square trims with pyramidal and flat plate faceplates.

Edge of pinhole and square painted matt black to ensure aperture edge is non-reflective and glare free.

Fixtures adjusted with just a screwdriver whilst the fixture is on. Quick access to the adjustment mechanism via easily removable front plate fitted with security cable.

Matching wallwash fixtures feature 0° to 30° adjustment to achieve the desired wallwash effect.



Tilt adjustment point and indicator



Gear driven tilt



Safety glass for IP44



Lockable rotation



Gear driven tilt



Lockable rotation

Lucent ProSpex adjustable downlights are supplied with lockable tilt and rotation feature, allowing hot aiming using a screwdriver which simplifies focusing while the lamp is on. The fixture remains locked in focus throughout the re-lamping process.

# ProSpex® | Plus XL Square Trimless



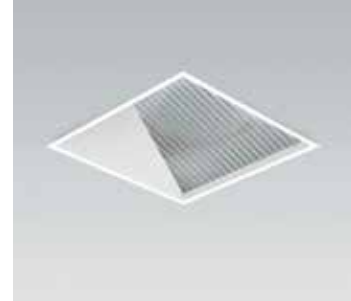
## Plus XL Pyramidal Trimless Fixed

Trimless square downlight  
Allow minimum of 25mm above fixture



## Plus XL Pyramidal Trimless Accent

Trimless square adjustable downlight  
Allow minimum of 25mm above fixture



## Plus XL Square Wallwash Trimless

Trimless square wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

### LED

* LED70**	090+XL-LED-TL-SQ
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TL-SQ
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TL-SQ

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution.  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-TC-TL-SQ
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\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

### Adj

* LED70**	35°	093+XL-LED-TL-SQ
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-XSM-TL-SQ
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-GEI-TL-SQ

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution.  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-TC-TL-SQ
--------------	-----------------	-----	-----------------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

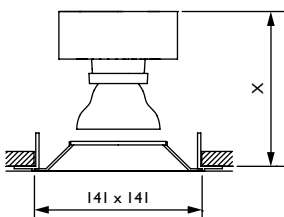
* LED70**	090+XL-LED-TL-SQ-WW
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TL-SQ-WW
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TL-SQ-WW

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution.  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

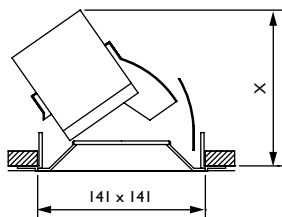
### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-TC-TL-SQ-WW
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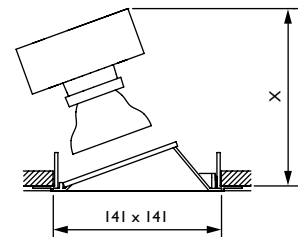
\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 125mm • XSM 130mm • XSM Active 145mm  
GEI 130mm • GEI Active 145mm • CDM-TC 130mm  
Ceiling cut out = 140 x 140mm



Height - X LED70 150mm • XSM 160mm • XSM Active 165mm  
GEI 160mm • GEI Active 165mm • CDM-TC 145mm  
Ceiling cut out = 140 x 140mm



Height - X LED70 140mm • XSM 150mm • XSM Active 155mm  
GEI 150mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 140 x 140mm

- Die cast aluminium construction
- Separate die cast plaster in kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven vertical tilt
- Locking rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 4500lm LED light source

- Up to 2 media can be fitted
- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus XL Square Trimless Fixed

Trimless square downlight with square aperture  
Allow minimum of 25mm above fixture

### Plus XL Square Trimless Accent

Trimless square adjustable downlight with square aperture  
Allow minimum of 25mm above fixture

#### LED

* LED70**	090+XL-33-LED-TL-SQ
* XSM 1000/1300/2000/3000/4000**	090+XL-33-XSM-TL-SQ
* GEI 1000/1500/2000/3000/4500**	090+XL-33-GEI-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution.  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-33-TC-TL-SQ
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

#### LED

#### Adj

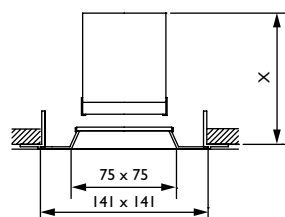
* LED70**	35°	093+XL-33-LED-TL-SQ
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-33-XSM-TL-SQ
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-33-GEI-TL-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution.  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

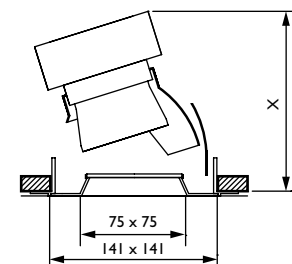
#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-33-TC-TL-SQ
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



**Height - X** LED70 120mm • XSM 125mm • XSMA Active 140mm  
GEI 125mm • GEI Active 140mm • CDM-TC 120mm  
**Ceiling cut out = 140 x 140mm**



**Height - X** LED70 140mm • XSM 155mm • XSM Active 160mm  
GEI 155mm • GEI Active 160mm • CDM-TC 140mm  
**Ceiling cut out = 140 x 140mm**

# ProSpex® | Plus XL Square Trim



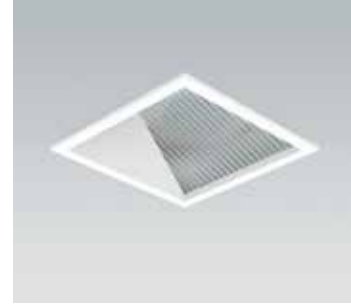
## Plus XL Pyramidal Trim Fixed

Trimmed square downlight  
Allow minimum of 25mm above fixture



## Plus XL Pyramidal Trim Accent

Trimmed square adjustable downlight  
Allow minimum of 25mm above fixture



## Plus XL Square Wallwash Trim

Trimmed square wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

### LED

* LED70**	090+XL-LED-TR-SQ
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TR-SQ
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TR-SQ

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-TC-TR-SQ
--------------	-----------------	-----------------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

* LED70**	35°	093+XL-LED-TR-SQ
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-XSM-TR-SQ
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-GEI-TR-SQ

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-TC-TR-SQ
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\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

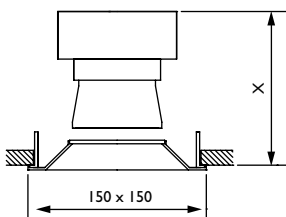
* LED70**	090+XL-LED-TR-SQ-WVV
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TR-SQ-WVV
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TR-SQ-WVV

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

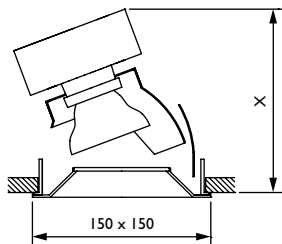
### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-TC-TR-SQ-WVV
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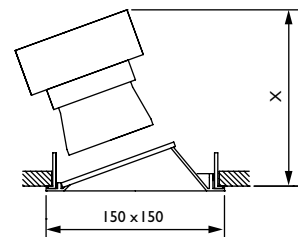
\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 125mm • XSM 130mm • XSM Active 145mm  
GEI 130mm • GEI Active 145mm • CDM-TC 130mm  
Ceiling cut out = 140 x 140mm



Height - X LED70 150mm • XSM 160mm • XSM Active 165mm  
GEI 160mm • GEI Active 165mm • CDM-TC 145mm  
Ceiling cut out = 140 x 140mm



Height - X LED70 140mm • XSM 150mm • XSM Active 155mm  
GEI 150mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 140 x 140mm



- Die cast aluminium construction
- Separate die cast trim kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven vertical tilt
- Locking rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 4500lm LED light source

- Up to 2 media can be fitted
- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus XL Square Trim Fixed

Trimmed square downlight with square aperture  
Allow minimum of 25mm above fixture



### Plus XL Square Trim Accent

Trimmed square adjustable downlight with square aperture  
Allow minimum of 25mm above fixture

#### LED

* LED70**	090+XL-33-LED-TR-SQ
* XSM 1000/1300/2000/3000/4000**	090+XL-33-XSM-TR-SQ
* GEI 1000/1500/2000/3000/4500**	090+XL-33-GEI-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-33-TC-TR-SQ
--------------	-----------------	--------------------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

#### LED

#### Adj

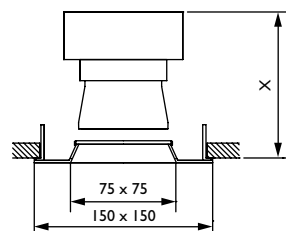
* LED70**	35°	093+XL-33-LED-TR-SQ
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-33-XSM-TR-SQ
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-33-GEI-TR-SQ

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

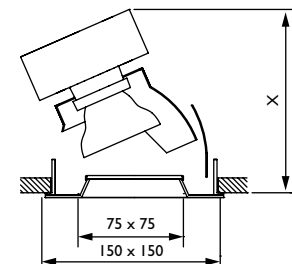
#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-33-TC-TR-SQ
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



Height - X LED70 120mm • XSM 125mm • XSMA Active 140mm  
GEI 125mm • GEI Active 140mm • CDM-TC 120mm  
Ceiling cut out = 140 x 140mm



Height - X LED70 140mm • XSM 155mm • XSM Active 160mm  
GEI 155mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 140 x 140mm

# ProSpex® | Plus XL Round Trimless



## Plus XL Conical Trimless Fixed

Trimless round downlight  
Allow minimum of 25mm above fixture

LED	
* LED70**	090+XL-LED-TL
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TL
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TL

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active cooling only  
GEI 3000/4500 Active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

Metal Halide	
*240v 35-70w **CDM-TC (G8.5)	090+XL-TC-TL

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



## Plus XL Conical Trimless Accent

Trimless round adjustable downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED70**	35° 093+XL-LED-TL
* XSM 1000/1300/2000/3000/4000**	35° 093+XL-XSM-TL
* GEI 1000/1500/2000/3000/4500**	35° 093+XL-GEI-TL

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active cooling only  
GEI 3000/4500 Active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

Metal Halide	
*240v 35-70w **CDM-TC (G8.5)	35° 093+XL-TC-TL

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



## Plus XL Wallwash Trimless

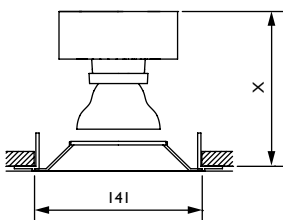
Trimless round wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

LED	
* LED70**	090+XL-LED-TL-WWW
* XSM 1000/1300/2000/3000/4000**	0090+XL-XSM-TL-WWW
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TL-WWW

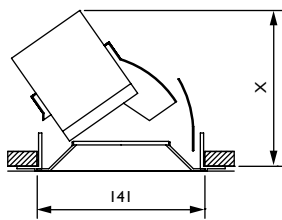
\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active cooling only  
GEI 3000/4500 Active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

Metal Halide	
*240v 35-70w **CDM-TC (G8.5)	090+XL-TC-TL-WWW

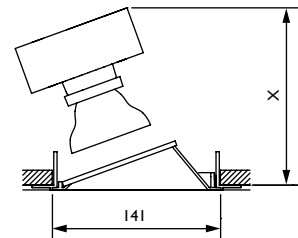
\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 125mm • XSM 130mm • XSM Active 145mm  
GEI 130mm • GEI Active 145mm • CDM-TC 130mm  
Ceiling cut out = 140mm Ø



Height - X LED70 150mm • XSM 160mm • XSM Active 165mm  
GEI 160mm • GEI Active 165mm • CDM-TC 145mm  
Ceiling cut out = 140mm Ø



Height - X LED70 120mm • XSM 150mm • XSM Active 155mm  
GEI 150mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 140mm Ø

- Die cast aluminium construction
- Separate die cast plaster in kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven vertical tilt
- Locking rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 4500lm LED light source

- Up to 2 media can be fitted
- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus XL Pinhole Trimless Fixed

Trimless round aperture downlight  
Allow minimum of 25mm above fixture

### Plus XL Pinhole Trimless Accent

Trimless round aperture adjustable downlight  
Allow minimum of 25mm above fixture

#### LED

* LED70**	090+XL-13-LED-TL
* XSM 1000/1300/2000/3000/4000**	090+XL-13-XSM-TL
* GEI 1000/1500/2000/3000/4500**	090+XL-13-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active cooling only  
GEI 3000/4500 Active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-13-TC-TL
--------------	-----------------	-----------------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

#### LED

#### Adj

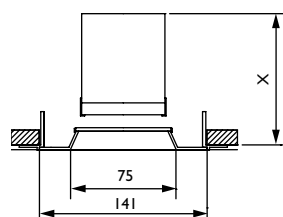
* LED70**	35°	093+XL-13-LED-TL
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-13-XSM-TL
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-13-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active cooling only  
GEI 3000/4500 Active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

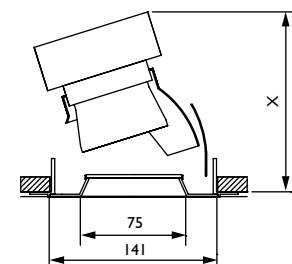
#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-13-TC-TL
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



Height - X LED70 115mm • XSM 125mm • XSMActive 140mm  
GEI 125mm • GEIActive 160mm • CDM-TC 140mm  
Ceiling cut out = 140mm Ø



Height - X LED70 140mm • XSM 155mm • XSMActive 160mm  
GEI 155mm • GEIActive 160mm • CDM-TC 140mm  
Ceiling cut out = 140mm Ø

# ProSpex® | Plus XL Round Trim



## Plus XL Conical Trim Fixed

Trimmed round downlight  
Allow minimum of 25mm above fixture



## Plus XL Conical Trim Accent

Trimmed round adjustable downlight  
Allow minimum of 25mm above fixture



## Plus XL Conical Trim Wallwash

Trimmed round wallwash downlight  
with 0-30° adjustment  
Allow minimum of 25mm above fixture

### LED

* LED70**	090+XL-LED-TR
* XSM 1000/1300/2000/3000/4000**	090+XL-XSM-TR
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TR

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 active cooling only  
XSM 3000/4000 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w **CDM-TC (G8.5)	090+XL-TC-TR
------------------------------	--------------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

LED	Adj
* LED70**	35° 093+XL-LED-TR
* XSM 1000/1300/2000/3000/4000**	35° 093+XL-XSM-TR
* GEI 1000/1500/2000/3000/4500**	35° 093+XL-GEI-TR

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 active cooling only  
XSM 3000/4000 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Metal Halide

*240v 35-70w **CDM-TC (G8.5)	35° 093+XL-TC-TR
------------------------------	------------------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

### LED

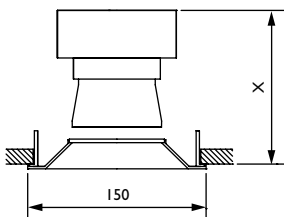
* LED70**	090+XL-LED-TR-WWW
* XSM 1000/1300/2000/3000/4000**	0090+XL-XSM-TR-WWW
* GEI 1000/1500/2000/3000/4500**	090+XL-GEI-TR-WWW

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

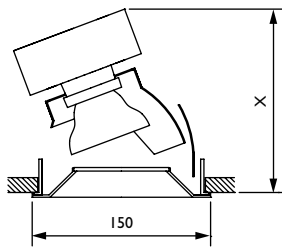
### Metal Halide

*240v 35-70w **CDM-TC (G8.5)	090+XL-TC-TR-WWW
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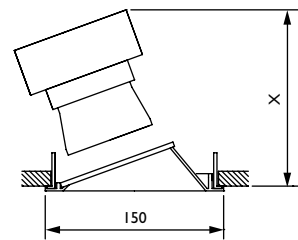
\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 125mm • XSM 130mm • XSM Active 145mm  
GEI 130mm • GEI Active 145mm • CDM-TC 130mm  
Ceiling cut out = 142mm Ø



Height - X LED70 150mm • XSM 160mm • XSM Active 165mm  
GEI 160mm • GEI Active 165mm • CDM-TC 145mm  
Ceiling cut out = 142mm Ø



Height - X LED70 140mm • XSM 150mm • XSM Active 155mm  
GEI 150mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 142mm Ø

- Die cast aluminium construction
- Separate die cast trim kit
- LED, metal halide and low voltage versions
- Adjustable fixtures with gear driven vertical tilt
- Locking rotation

- Hot aiming simplifies focusing while lamp is on
- Aiming remains in focus throughout re-lamping
- 0-30° adjustment on Wallwash fixtures
- Up to 4500lm LED light source

- Up to 2 media can be fitted
- IP44 as standard
- Deep regressed lamp for minimal glare
- Linear frosted spread lens in Wallwasher
- White and Black finish as standard
- Other colour finishes to special order



### Plus XL Pinhole Trim Fixed

Trimmed round aperture downlight  
Allow minimum of 25mm above fixture



### Plus XL Pinhole Trim Accent

Trimmed round aperture adjustable downlight  
Allow minimum of 25mm above fixture

#### LED

* LED70**	090+XL-13-LED-TR
* XSM 1000/1300/2000/3000/4000**	090+XL-13-XSM-TR
* GEI 1000/1500/2000/3000/4500**	090+XL-13-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	090+XL-13-TC-TR
--------------	-----------------	-----------------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

#### LED

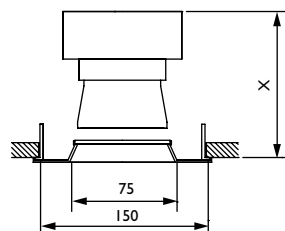
* LED70**	35°	093+XL-13-LED-TR
* XSM 1000/1300/2000/3000/4000**	35°	093+XL-13-XSM-TR
* GEI 1000/1500/2000/3000/4500**	35°	093+XL-13-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 active cooling only  
GEI 3000/4500 active cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

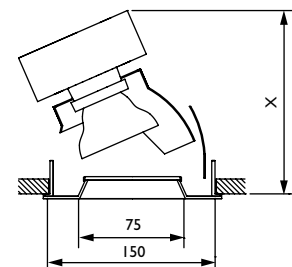
#### Metal Halide

*240v 35-70w	**CDM-TC (G8.5)	35°	093+XL-13-TC-TR
--------------	-----------------	-----	-----------------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



Height - X LED70 120mm • XSM 125mm • XSMA Active 140mm  
GEI 125mm • GEI Active 140mm • CDM-TC 120mm  
Ceiling cut out = 142mm Ø



Height - X LED70 140mm • XSM 155mm • XSM Active 160mm  
GEI 155mm • GEI Active 160mm • CDM-TC 140mm  
Ceiling cut out = 142mm Ø

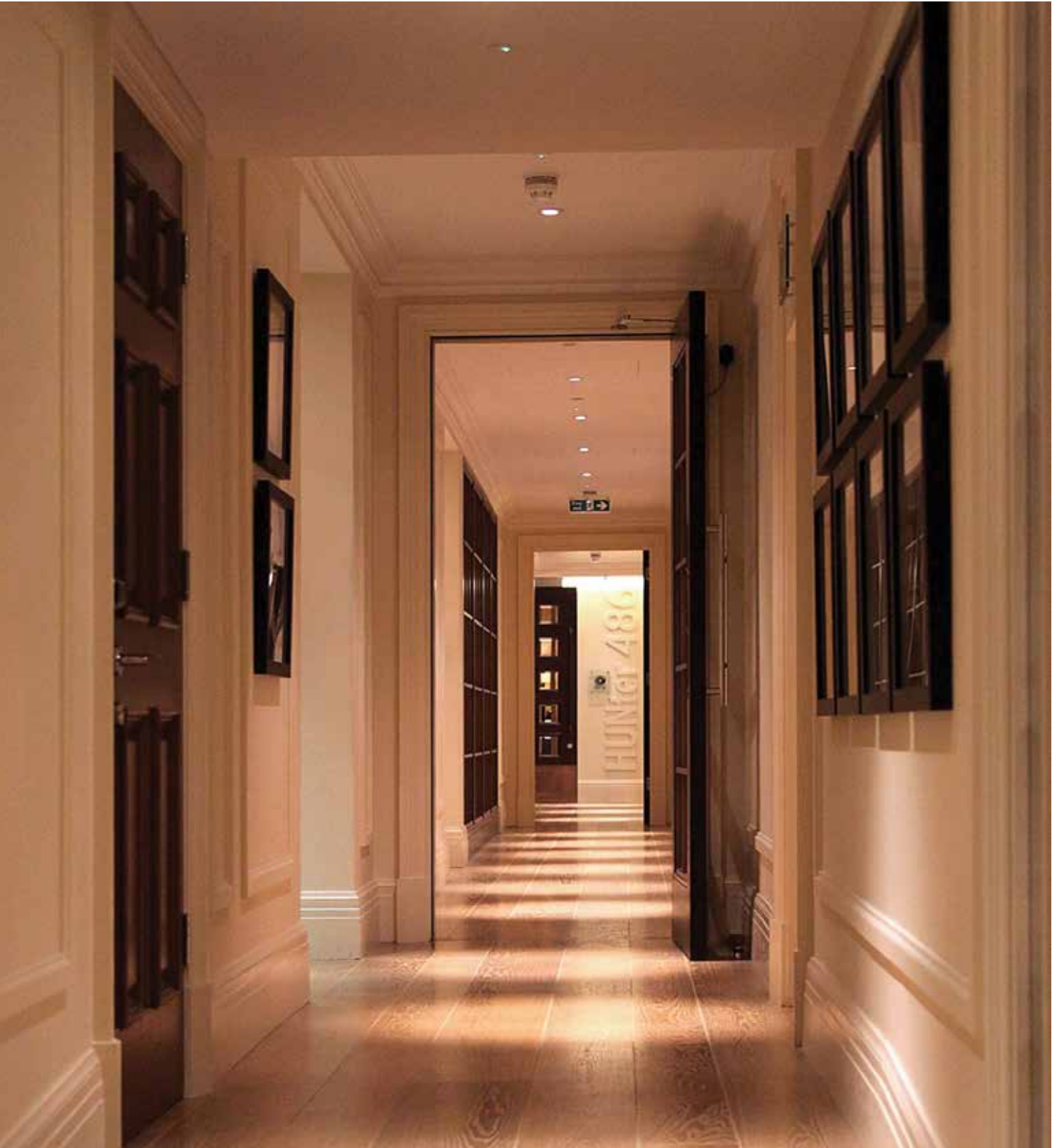
# ProSpex® | Reflector Downlights

Extensive range of professional specification grade downlight fixtures in 5 sizes for a range of LED, low voltage and metal halide light sources including Lucent own brand LED35, LED50 and LED70, plus Xicato and GE high output modules. 230v MR16 and GU10 LED lamps can also be used with these downlights. The programme includes a wide range of optics to create various effects.



The ProSpex range of accent fixtures from ProSpex 100 upwards in size, all feature lockable tilt and rotation that allows hot aiming whilst the lamp is on and also remains fully locked in focus throughout the re-lamping process. Fixtures have low glare 40° visual cut off and are available with darklight reflectors in a wide range of finishes.







- Minimal ceiling trim
- LED and low voltage versions
- Fixed and adjustable
- Die cast aluminium plaster installation kit for trimless option

- White trim with Specular reflector as standard
- Other reflector finishes to order
- RAL colour reflectors also available to order



### ProSpex 70 Fixed

Miniature trimmed downlight  
Allow minimum of 25mm above fixture

LED			
*	LED35**		070-LED-TR
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	070-11-TR
MR11 Retro-fit LED lamp can be installed			



### ProSpex 70 Accent

Miniature trimmed adjustable downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED35**	22°	073-LED-TR
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	22° 073-11-TR
MR11 Retro-fit LED lamp can be installed			

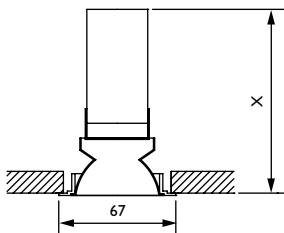


### ProSpex 70 Trimless Fixed and Accent

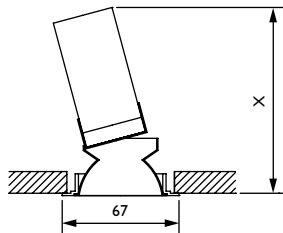
Miniature trimless downlights in fixed and adjustable options  
Allow minimum of 25mm above fixture

Trimless Fixed Downlight			
LED			
*	LED35**		070-LED-TL
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to pages 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	070-11-TL
MR11 Retro-fit LED lamp can be installed			

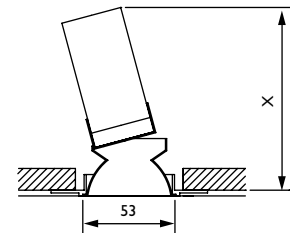
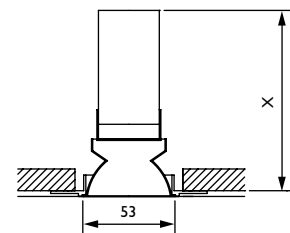
Trimless Accent Downlight			
LED		Adj	
*	LED35**	22°	073-LED-TL
*LED driver required – specify drive current and dimming protocol if required ** Specify colour temperature and beam distribution Refer to page 22 for LED module information			
Low Voltage			
12v	20-35w	MR11 (GU4)	22° 073-11-TL
MR11 Retro-fit LED lamp can be installed			



Height - X • LED35 110mm • MR11 80mm  
Ceiling cut out = 58mm



Height - X LED35 110mm • MR11 80mm  
Ceiling cut out = 58mm



Height - X LED35 105mm • MR11 75mm  
Ceiling cut out = 58mm

#### Colour Finishes - Add suffix to reference number when specifying

PS-WH: Specular reflector - White trim • SS-WH: Satin silver reflector - White trim  
Trimless - PS: Specular reflector • SS: Satin silver reflector

# ProSpex® | Adjustable Special Features



Extruded aluminium heat sink

Lockable tilt adjustment



358° lockable rotation.



Graduation indicator for accurate adjustment



Reflector retaining spring for keyed optics

## Reflector Finishes

ProSpex downlights are supplied as standard with specular reflectors other finishes as below are available to order.



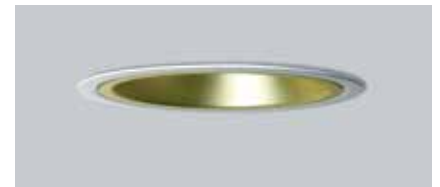
Specular reflector



Satin Silver



Black reflector



Specular Champagne Gold reflector



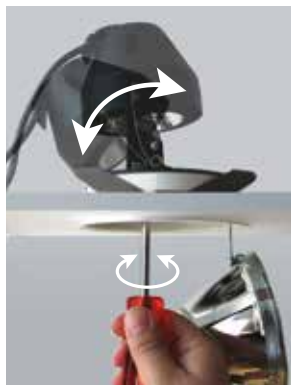
Perma White reflector

Lucent ProSpex adjustable downlights are supplied with lockable tilt and rotation feature allowing hot aiming using a screwdriver which simplifies focusing while the lamp is on. The fixture remains locked in focus throughout re-lamping process.

The reflector's retaining spring ensures correct alignment following focusing/re-lamping.



Fixture shown is ProSpex 143





## 100 Downlight Fixed

Fixed position downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED		
*	LED50**	100-LED
*	XSM 400/700/1000/1300**	100-XSM

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	100-MR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	100-MH

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	100-GU

*GU10 LED lamp can be installed*



## 100 Accent Downlight

Adjustable downlight with specular darklight reflector  
35° locking tilt adjustment  
359° lockable rotation  
Allow minimum of 25mm above fixture

LED		Adj
*	LED50**	35° 103-LED
*	XSM 400/700/1000/1300**	35° 103-XSM

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage		Adj
12v	20-35-50w MR16 (GU5.3)	35° 103-MR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		Adj
*240v	20-35w CMH-MR16 (GX10)	35° 103-MH

*\*Metal Halide-Control gear required*

Mains Voltage		Adj
230v	PAR 16/LED (GU10)	35° 103-GU

*GU10 LED lamp can be installed*



## 100 Wallwash Downlight

Lensed wallwash downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED	
*	LED50** 100-LED-WW
*	XSM 400/700/1000/1300** 100-XSM-WW

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information. LED50: 36° Optic recommended. Xicato XSM: 40° Optic recommended*

Low Voltage	
12v	20-35-50w MR16 (GU5.3) 100-MR-WW

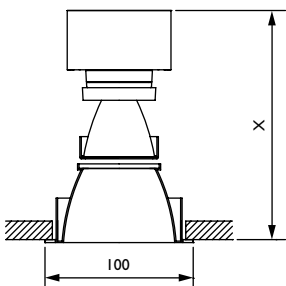
*MR16 Retro-fit LED lamp can be installed. 36-38° Beam angle recommended*

Metal Halide	
*240v	20-35w CMH-MR16 (GX10) 100-MH-WW

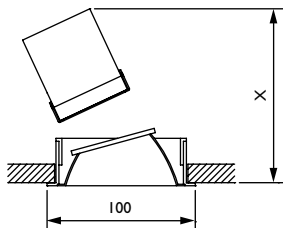
*\*Metal Halide-Control gear required*

Mains Voltage	
230v	PAR 16/LED (GU10) 100-GU-WW

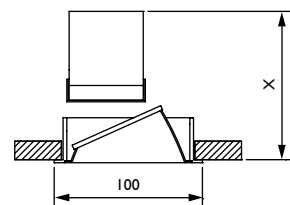
*GU10 LED lamp can be installed*



Height - X LED50 115mm • XSM 155mm  
MR16 115mm • CMH MR16 130mm • GU10 130mm  
Ceiling cut out = 90mm Ø



Height - X LED50 130mm • XSM 170mm  
MR16 120mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 90mm Ø



Height - X LED50 105mm • XSM 125mm  
MR16 100mm • CMH MR16 120mm • GU10 120mm  
Ceiling cut out = 90mm Ø

### Reflector and Trim Colour Finishes - Add suffix to reference number when specifying

PS-WH: Specular reflector - White trim • SS-WH: Satin silver reflector - White trim • WH-WH: White reflector - White trim  
BK-WH: Black reflector - White trim • CG-WH: Champagne gold reflector - White trim

- Fixed and adjustable downlights with specular darklight cone reflector
- Minimal ceiling trim
- LED, low voltage, miniature metal halide and mains voltage
- LED versions for LED50 and Xicato
- Adjustable fixtures with gear driven vertical adjustment

- Hot aiming simplifies focusing while lamp is on
- Aiming remains locked in focus throughout re-lamping with built in memory
- Keyed optics ensure correct installation of reflector
- Low glare 40° visual cut off
- IP44 as standard

- IP54 available
- Standard soft diffusion lens for smooth beam
- Accepts a range of media accessories
- Fully trimless available for seamless flush appearance
- Choice of optional reflector finishes to order:- Perma White, Satin Silver, Black or Champagne Gold



### 100 Trimless Downlight Fixed

Fixed position trimless downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

### 100 Trimless Accent Downlight

Adjustable trimless downlight with specular darklight reflector  
35° locking tilt adjustment  
359° lockable rotation  
Allow minimum of 25mm above fixture

LED		
*	LED50**	100-LED-TL
*	XSM 400/700/1000/1300**	100-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	100-MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	100-MH-TL

*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	100-GU-TL

*GU10 LED lamp can be installed*

LED		Adj
*	LED50**	35° 103-LED-TL
*	XSM 400/700/1000/1300**	35° 103-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution. Refer to pages 23-27 for LED50 module information. Refer to pages 34-37 for XSM module information*

Low Voltage		
12v	20-35-50w MR16 (GU5.3)	35° 103-MR-TL

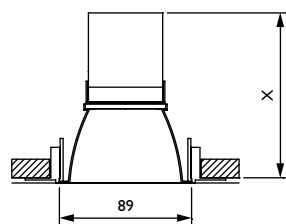
*MR16 Retro-fit LED lamp can be installed*

Metal Halide		
*240v	20-35w CMH-MR16 (GX10)	35° 103-MH-TL

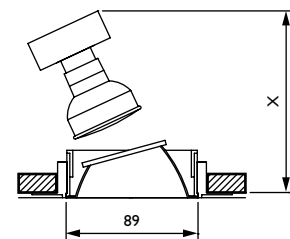
*\*Metal Halide-Control gear required*

Mains Voltage		
230v	PAR 16/LED (GU10)	35° 103-GU-TL

*GU10 LED lamp can be installed*



Height - X LED50 115mm • XSM 155mm  
MR16 115mm • CMH MR16 130mm • GU10 130mm  
Ceiling cut out = 102mm Ø



Height - X LED50 130mm • XSM 170mm  
MR16 120mm • CMH MR16 145mm • GU10 145mm  
Ceiling cut out = 102mm Ø

#### Reflector Colour Finishes - Add suffix to reference number when specifying

PS: Specular reflector • SS: Satin silver reflector • WH: White reflector • BK: Black reflector • CG: Champagne gold reflector



## 140 Downlight Fixed

Fixed position downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED		
* LED70**		140-LED70
* XSM 1000/1300/2000/3000/4000**		140-XSM
* GEI 1000/1500/2000/3000/4500**		140-GEI

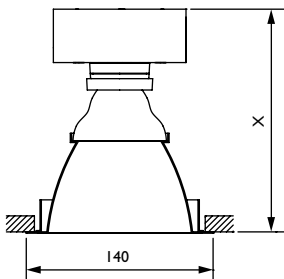
*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	140-MR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	**CDM-TC (G8.5)	140-TC
*240v	20-35w	**CDM-TM (PGj5)	140-Tm

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



**Height - X** LED70 170mm • XSM 180mm  
XSM ACTIVE 185mm • GEI 180mm • GEI ACTIVE 190mm  
MR16 145mm • CDM-TC 170mm • CDM-TM 190mm  
**Ceiling cut out = 128mm Ø**



## 140 Accent Downlight

Adjustable downlight with specular darklight reflector  
35° locking tilt adjustment  
359° lockable rotation  
Allow minimum of 25mm above fixture

LED		Adj	
* LED70**		35°	143-LED70
* XSM 1000/1300/2000/3000/4000**		35°	143-XSM
* GEI 1000/1500/2000/3000/4500**		35°	143-GEI

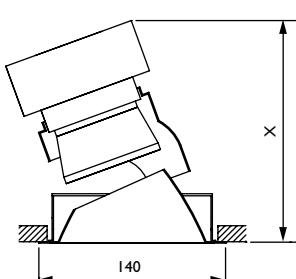
*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	35° 143-MR

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	**CDM-TC (G8.5)	35° 143-TC
*240v	20-35w	**CDM-TM (PGj5)	35° 143-Tm

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



**Height - X** LED70 160mm • XSM 170mm  
XSM ACTIVE 180mm • GEI 170mm • GEI ACTIVE 180mm  
MR16 165mm • CDM-TC 180mm • CDM-TM 180mm  
**Ceiling cut out = 128mm Ø**



## 140 Wallwash Downlight

Lensed wallwash downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED		
* LED70**		140-LED70-WVV
* XSM 1000/1300/2000/3000/4000**		140-XSM-WVV
* GEI 1000/1500/2000/3000/4500**		140-GEI-WVV

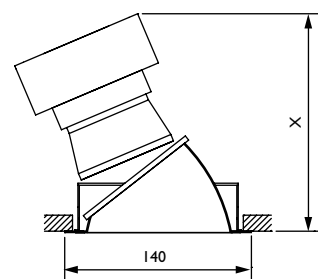
*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information  
Recommended optic: LED70 32°, Xicato XMS 40°, GE Infusion 35°*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	140-MR-WVV

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	**CDM-TC (G8.5)	140-TC-WVV
*240v	20-35w	**CDM-Tm (PGj5)	140-Tm-WVV

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



**Height - X** LED70 150mm • XSM 165mm  
XSM ACTIVE 170mm • GEI 165mm • GEI ACTIVE 170mm  
MR16 160mm • CDM-TC 165mm • CDM-TM 165mm  
**Ceiling cut out = 128mm Ø**

- Fixed and adjustable downlights with specular darklight cone reflector
- Minimal ceiling trim
- LED, low voltage and metal halide
- LED versions for LED70, Xicato and GE Infusion

- Adjustable fixtures with gear driven vertical adjustment
- Hot aiming simplifies focusing while lamp is on
- Aiming remains locked in focus throughout re-lamping with built in memory
- Keyed optics ensure correct installation of reflector

- Low glare 40° visual cut off
- IP44 available
- Standard soft diffusion lens for smooth beam
- Accepts a range of media accessories
- Choice of optional reflector finishes to order:- Perma White, Satin Silver, Black, Champagne Gold



### I40 Washlight

Washlight downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

### I40 Double Washlight

Double washlight downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

#### LED

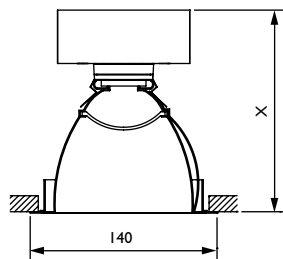
\* XSM 1000/1300/2000/3000/4000\*\* I40-XSM-WL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
XSM 3000/4000 Active Cooling only  
Refer to pages 34-37 for XSM module information*

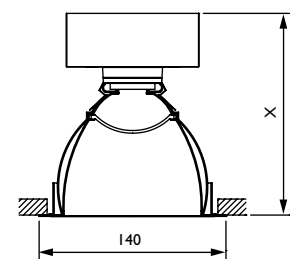
#### LED

\* XSM 1000/1300/2000/3000/4000\*\* I40-XSM-DWL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
XSM 3000/4000 Active Cooling only  
Refer to pages 34-37 for XSM module information*



Height - X XSM 155mm • XSM ACTIVE 170mm  
Ceiling cut out = 128mm Ø



Height - X XSM 155mm • XSM ACTIVE 170mm  
Ceiling cut out = 128mm Ø

#### Reflector Colour Finishes - Add suffix to reference number when specifying

PS-WH: Specular reflector - White trim • SS-WH: Satin silver reflector - White trim • WH-WH: White reflector - White trim  
BK-WH: Black reflector - White trim • CG-WH: Champagne gold reflector - White trim



## 160 Downlight Fixed

Fixed position downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED			
*	LED70**	160-LED70	
*	XSM 1000/1300/2000/3000/4000**	160-XSM	
*	GEI 1000/1500/2000/3000/4500**	160-GEI	

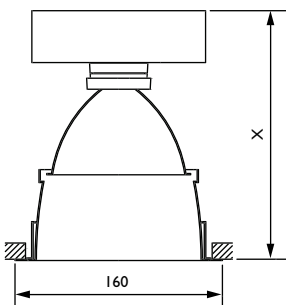
\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

Low Voltage			
12v	35-75w	QR111 (G53)	160-11QR

QR111 Retro-fit LED lamp can be installed

Metal Halide			
*240v	35-70w	**CDM-T (G12)	160-T
*240v	35-70w	**CDM-TC (G8.5)	160-TC

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 170mm • XSM 195mm  
XSM ACTIVE 205mm • GEI 195mm • GEI ACTIVE 210mm  
QR111 190mm • CDM -T 190mm • CDM-TC 190mm  
Ceiling cut out = 144mm Ø



## 160 Accent Downlight

Adjustable downlight with specular darklight reflector  
35° locking tilt adjustment  
359° lockable rotation  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED70**	35°	163-LED70
*	XSM 1000/1300/2000/3000/4000**	35°	163-XSM
*	GEI 1000/1500/2000/3000/4500**	35°	163-GEI

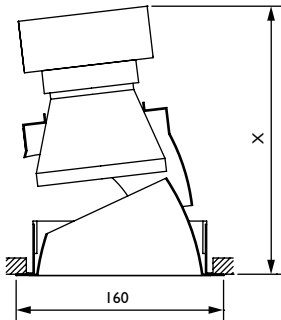
\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

Low Voltage			
12v	35-75w	QR111 (G53)	35° 163-11QR

QR111 Retro-fit LED lamp can be installed

Metal Halide			
*240v	35-70w	**CDM-T (G12)	35° 163-T
*240v	35-70w	**CDM-TC (G8.5)	35° 163-TC

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°



Height - X LED70 170mm • XSM 225mm  
XSM ACTIVE 225mm • GEI 210mm • GEI ACTIVE 220mm  
QR111 210mm • CDM -T 220mm • CDM-TC 220mm  
Ceiling cut out = 144mm Ø



## 160 Wallwash Downlight

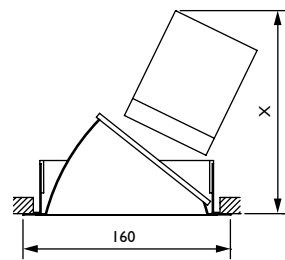
Lensed wallwash downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

LED			
*	LED70**	160-LED70-WWW	
*	XSM 1000/1300/2000/3000/4000**	160-XSM-WWW	
*	GEI 1000/1500/2000/3000/4500**	160-GEI-WWW	

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information  
Recommended optic: LED70 32°, Xicato XSM 40°, GE Infusion 35°

Metal Halide			
*240v	35-70w	**CDM-T (G12)	160-T-WWW
*240v	35-70w	**CDM-TC (G8.5)	160-TC-WWW

\*Metal Halide-Control gear required  
35° beam angle recommended



Height - X LED70 150mm • XSM 175mm  
XSM ACTIVE 170mm • GEI 175mm • GEI ACTIVE 165mm  
CDM -T 180mm • CDM-TC 180mm  
Ceiling cut out = 144mm Ø



- Fixed and adjustable downlights with specular darklight cone reflector
- Minimal ceiling trim
- LED, low voltage and metal halide
- LED versions for LED70, Xicato and GE Infusion

- Adjustable fixtures with gear driven vertical adjustment
- Hot aiming simplifies focusing while lamp is on
- Aiming remains locked in focus throughout re-lamping with built in memory
- Keyed optics ensure correct installation of reflector

- Low glare 40° visual cut off
- IP44 available
- Standard soft diffusion lens for smooth beam
- Accepts a range of media accessories
- Choice of optional reflector finishes to order:- Perma White, Satin Silver, Black, Champagne Gold



### 160 Washlight

Washlight downlight with specular darklight reflector  
Allow minimum of 25mm above fixture



### 160 Double Washlight

Double washlight downlight with specular darklight reflector  
Allow minimum of 25mm above fixture

#### LED

*	XSM 1000/1300/2000/3000/4000**	160-XSM-WL
*	GEI 1000/1500/2000/3000/4500**	160-GEI-WL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v	35-70w	**CDM-T (G12)	160-T-WL
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*\*Metal Halide-Control gear required*

#### LED

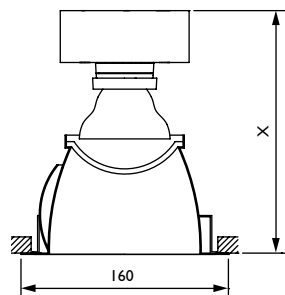
*	XSM 1000/1300/2000/3000/4000**	160-XSM-DWL
*	GEI 1000/1500/2000/3000/4500**	160-GEI-DWL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

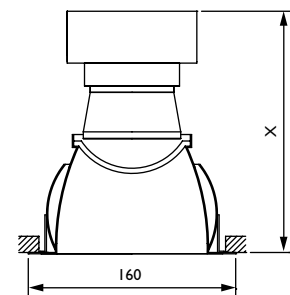
#### Metal Halide

*240v	35-70w	**CDM-T (G12)	160-T-DWL
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*\*Metal Halide-Control gear required*



Height - X XSM 190mm • XSM ACTIVE 2000mm  
GEI 190mm • GEI ACTIVE 205mm • CDM-T 140mm  
Ceiling cut out = 144mm Ø



Height - X XSM 190mm • XSM ACTIVE 200mm  
GEI 190mm • GEI ACTIVE 205mm • CDM-T 140mm  
Ceiling cut out = 144mm Ø

#### Reflector Colour Finishes - Add suffix to reference number when specifying

PS-WH: Specular reflector - White trim • SS-WH: Satin silver reflector - White trim • WH-WH: White reflector - White trim  
BK-WH: Black reflector - White trim • CG-WH: Champagne gold reflector - White trim



- Fixed and adjustable downlights with specular darklight cone reflector
- Minimal ceiling trim
- LED and metal halide
- LED versions for Xicato and GE Infusion
- Adjustable fixtures with gear driven vertical adjustment

- Hot aiming simplifies focusing while lamp is on
- Aiming remains locked in focus throughout re-lamping with built in memory
- Keyed optics ensure correct installation of reflector
- Selection of beam angles available

- Low glare 40° visual cut off
- Choice of optional reflector finishes to order:- Perma White, Satin Silver, Black, Champagne Gold



### 195 Downlight Fixed

Fixed position downlight with specular darklight reflector  
Allow minimum of 25mm above fixture



### 195 Accent Downlight

Adjustable downlight with specular darklight reflector  
35° locking tilt adjustment  
359° lockable rotation  
Allow minimum of 25mm above fixture

#### LED

*	XSM 1000/1300/2000/3000/4000**	190-XSM
*	GEI 1000/1500/2000/3000/4500**	190-GEI

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v	35-70w	**CDM-T (G12)	190-T
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 7°/15°/35°*

#### LED

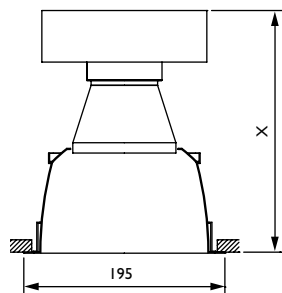
*	XSM 1000/1300/2000/3000/4000**	35°	193-XSM
*	GEI 1000/1500/2000/3000/4500**	35°	193-GEI

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

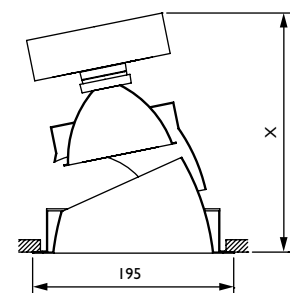
#### Metal Halide

*240v	35-70w	**CDM-T (G12)	35°	193-T
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 7°/15°/35°*



**Height - X** XSM 230mm • GEI 235mm  
GEI ACTIVE 245mm • CDM -T 230mm  
**Ceiling cut out = 180mm Ø**



**Height - X** XSM 235mm • GEI 240mm  
GEI ACTIVE 245mm • CDM -T 240mm  
**Ceiling cut out = 180mm Ø**

#### Reflector Colour Finishes - Add suffix to reference number when specifying

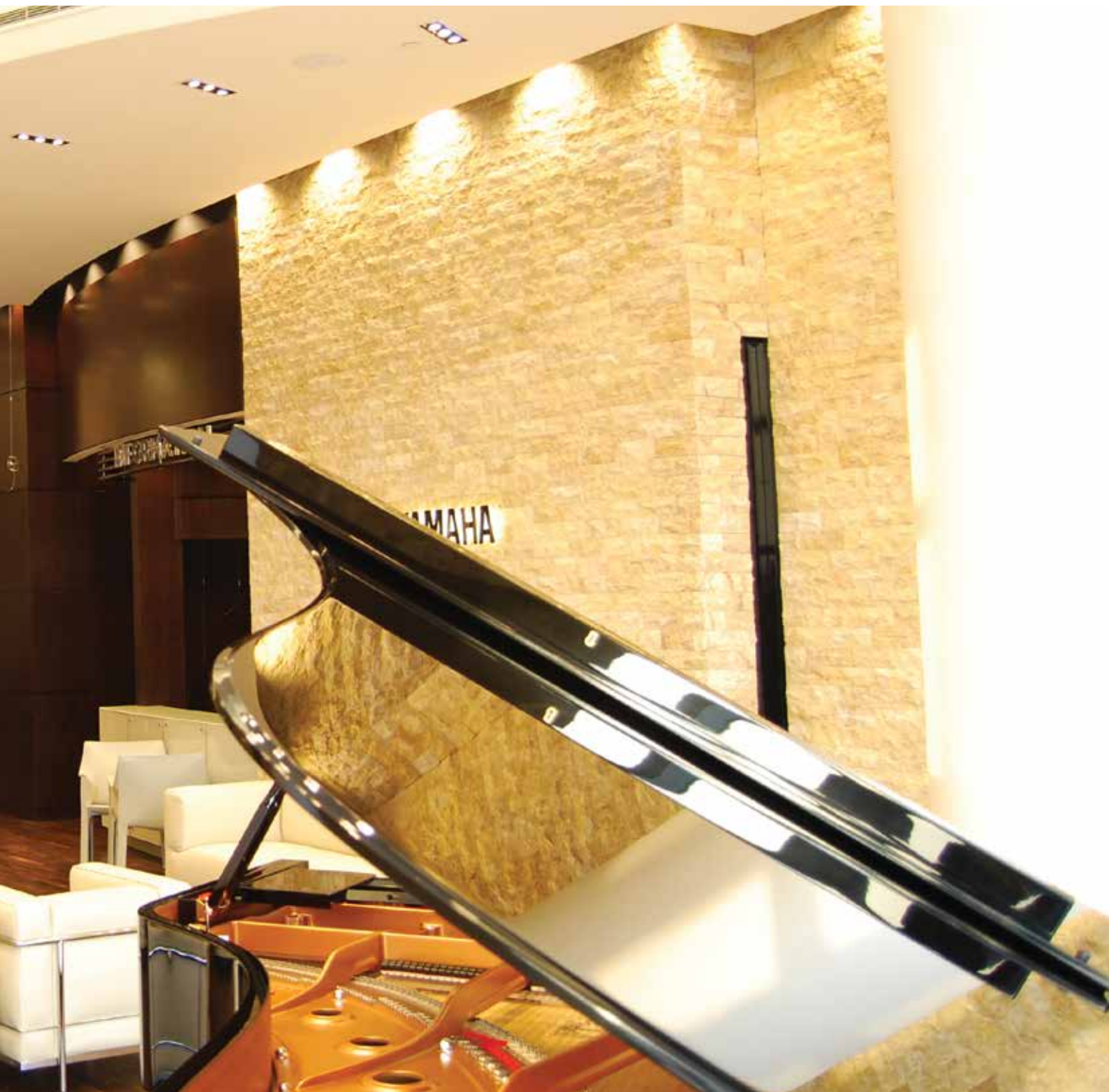
PS-WH: Specular reflector - White trim • SS-WH: Satin silver reflector - White trim • WH-WH: White reflector - White trim  
BK-WH: Black reflector - White trim • CG-WH: Champagne gold reflector - White trim

# ProSpex® | Multiples

Our already popular selection of fully adjustable single and multiple gimbal fixtures, ideal for high end retail applications is available in three head sizes, Mini, Midi and Maxi, these fixtures allowing uniformity in the ceiling of multiple heads in one recessed housing either fully trimless with separate plaster-in frame where a seamless, clean finish is required to the ceiling line or with minimal trim for existing ceilings. The range utilises many light sources including Lucent own brand LED50, LED70, Xicato and GE modules. Also for Low voltage and Metal Halide lamps. MR16 LED and GU10 LED lamps can also be installed into these fixtures. Anti glare snoots



supplied as standard for professional look and easy re-lamping. Also included is the Axis, an elegant range of single fully adjustable, round aperture gimbal downlights in both trimless and trimmed variants. The trimless fixtures can also be installed in multiple groups by means of our multi trimless kits to provide constant spacing. All gimbal and Axis fixtures accept a range of media.





## Axis Mini Trimless

Adjustable trimless gimbal downlight  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 200-LED-TL
* XSM 400/700/1000/1300**	35° 200-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	35°	200-MR-TL
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

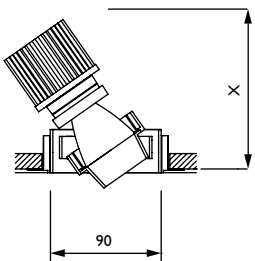
*240v	20-35w	CMH-MR16 (GX10)	35°	200-MH-TL
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v	PAR 16/LED (GU10)	35°	200-GU-TL
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*GU10 LED lamp can be installed*



**Height - X** LED50 80mm • XSM 130mm  
MR16 80mm • CMH MR16 110mm • GU10 110mm  
**Ceiling cut out = 106mm Ø**



## Axis Mini Long Snoot Trimless

Adjustable trimless gimbal downlight  
with long snout  
Allow minimum of 25mm above fixture

LED	Adj
* LED50**	35° 200-LS-LED-TL
* XSM 400/700/1000/1300**	35° 200-LS-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	35°	200-LS-MR-TL
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

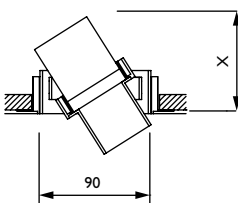
*240v	20-35w	CMH-MR16 (GX10)	35°	200-LS-MH-TL
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v	PAR 16/LED (GU10)	35°	200-LS-GU-TL
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*GU10 LED lamp can be installed*



**Height - X** LED50 80mm • XSM 130mm  
MR16 80mm • CMH MR16 110mm • GU10 110mm  
**Ceiling cut out = 106mm Ø**

- Adjustable single, circular gimbal downlights
- Trimless kit for plaster in installations
- LED, low voltage, miniature metal halide and mains voltage
- LED versions for LED50, LED70 and Xicato

- Fully directional in both plains
- Anti-glare snoot as standard
- Two snoot style options
- Accepts 2 media accessories
- Multi trimless kits available - see page 130



### Axis Midi Trimless

Adjustable trimless gimbal downlight  
Allow minimum of 25mm above fixture



### Axis Midi Long Snoot Trimless

Adjustable trimless gimbal downlight  
with long snoot  
Allow minimum of 25mm above fixture

LED	Adj
* LED70**	35° 300-LED70-TL
* XSM 1000/1300/2000**	35° 300-XSM-TL
* GEI 1000/1500/2000**	35° 300-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 20-35w	**CDM-Tm (PGj5)	35°	300-TM-TL
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/130°*

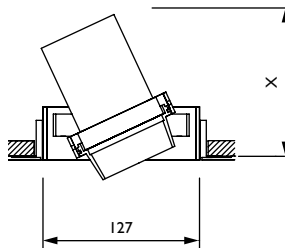
LED	Adj
* LED70**	35° 300-LS-LED70-TL
* XSM 1000/1300/2000**	35° 300-LS-XSM-TL
* GEI 1000/1500/2000**	35° 300-LS-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

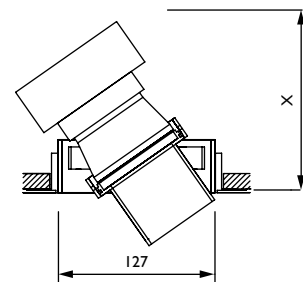
#### Metal Halide

*240v 20-35w	**CDM-Tm (PGj5)	35°	300-LS-TM-TL
--------------	-----------------	-----	--------------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/130°*



Height - X LED70 120mm • XSM 135mm  
GEI 140mm • CDM-Tm 110mm  
Ceiling cut out = 141mm Ø



Height - X LED70 120mm • XSM 135mm  
GEI 140mm • CDM-Tm 110mm  
Ceiling cut out = 141mm Ø



## Axis Mini Trim

Adjustable trimmed gimbal downlight  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	35°	200-LED-TR
*	XSM 400/700/1000/1300**	35°	200-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	35°	200-MR-TR
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

*240v	20-35w	CMH-MR16 (GX10)	35°	200-MH-TR
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*\*Metal Halide-Control gear required*

### Mains Voltage

230v	PAR 16/LED (GU10)	35°	200-GU-TR
------	-------------------	-----	-----------

*GU10 LED lamp can be installed*



## Axis Mini Long Snoot Trim

Adjustable trimmed gimbal downlight  
with long snoot  
Allow minimum of 25mm above fixture

LED		Adj	
*	LED50**	35°	200-LS-LED-TR
*	XSM 400/700/1000/1300**	35°	200-LS-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution Refer to pages 23-27 for LED50 module information Refer to pages 34-37 for XSM module information*

### Low Voltage

12v	20-35-50w	MR16 (GU5.3)	35°	200-LS-MR-TR
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

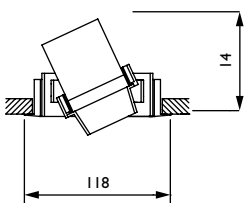
*240v	20-35w	CMH-MR16 (GX10)	35°	200-LS-MH-TR
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*\*Metal Halide-Control gear required*

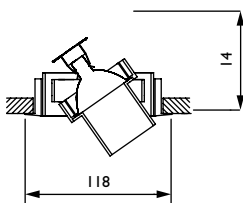
### Mains Voltage

230v	PAR 16/LED (GU10)	35°	200-LS-GU-TR
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*GU10 LED lamp can be installed*



**Height - X** LED50 80mm • XSM 130mm  
MR16 80mm • CMH MR16 110mm • GU10 110mm  
**Ceiling cut out = 106mm Ø**



**Height - X** LED50 80mm • XSM 130mm  
MR16 80mm • CMH MR16 110mm • GU10 110mm  
**Ceiling cut out = 106 Ø**



- Adjustable single, circular gimbal downlights
- Minimal ceiling trim for standard plasterboard installations
- LED, low voltage, miniature metal halide and mains voltage
- LED versions for LED50, LED70 and Xicato

- Fully directional in both plains
- Anti-glare snoot as standard
- Two snoot style options
- Accepts 2 media accessories



### Axis Midi Trim

Adjustable trimmed gimbal downlight  
Allow minimum of 25mm above fixture



### Axis Midi Long Snoot Trim

Adjustable trimmed gimbal downlight  
with long snoot  
Allow minimum of 25mm above fixture

LED	Adj
* LED70**	35° 300-LED70-TR
* XSM 1000/1300/2000**	35° 300-XSM-TR
* GEI 1000/1500/2000**	35° 300-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Metal Halide

*240v 20-35w	**CDM-Tm (PGj5)	35°	300-TM-TR
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

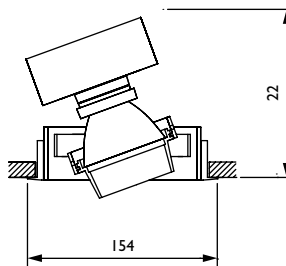
LED	Adj
* LED70**	35° 300-LS-LED70-TR
* XSM 1000/1300/2000**	35° 300-LS-XSM-TR
* GEI 1000/1500/2000**	35° 300-LS-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

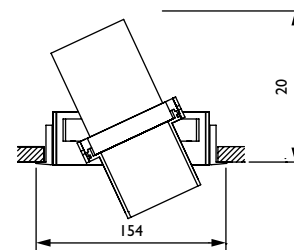
#### Metal Halide

*240v 20-35w	**CDM-Tm (PGj5)	35°	300-LS-TM-TR
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*



Height - X LED70 120mm • XSM 135mm  
GEI 140mm • CDM-Tm 110mm  
Ceiling cut out = 141mm Ø



Height - X LED70 120mm • XSM 135mm  
GEI 140mm • CDM-Tm 110mm  
Ceiling cut out = 141mm Ø

# ProSpex® | Axis Multi Trimless

Twin and triple plaster in kits for seamless flush finish in freshly plastered ceilings for the purpose of maintaining equal spacing between Axis Mini and Midi fixtures. Standard spacings are 200mm O.C. for the Mini and 250mm for the Midi versions but other spacings and multiples can be provided to special order.



## Axis Twin

Twin trimless kits for ProSpex Axis  
Mini or Midi  
Allow minimum of 25mm above fixtures

## Axis Triple

Triple trimless kits for ProSpex Axis  
Mini or Midi  
Allow minimum of 25mm above fixtures

Mini	200-2-TK-TL
Midi	300-2-TK-TL

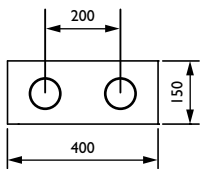
### Ceiling Cut Outs

200-2-TK-TL	2 x 102mm Ø on 200mm O.C
300-2-TK-TL	2 x 140mm Ø on 250mm O.C

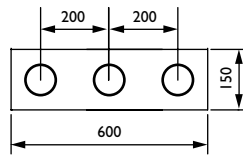
Mini	200-3-TK-TL
Midi	300-3-TK-TL

### Ceiling Cut Outs

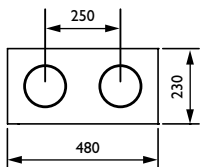
200-3-TK-TL	2 x 102mm Ø on 200mm O.C
300-3-TK-TL	2 x 140mm Ø on 250mm O.C



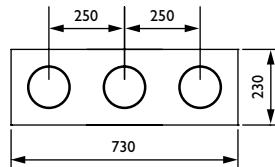
200-2-TK-TL



200-3-TK-TL



300-2-TK-TL



300-3-TK-TL

Fixture Heights See pages 126-127

Fixture Heights See pages 126-127

- Range of adjustable gimbal downlights for plaster in installations
- Twin and Triple permutations as standard
- For consistent spacing between downlights
- Seamless appearance
- LED, low voltage, mains voltage and metal halide versions
- White or matt black as standard with other RAL colours to special order
- Fixtures accept up to 2 media accessories
- Easy re-lamping via removable snoots
- For fixture options see pages 126-127





## Single Mini Trimless

One lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

LED			
*	LED50**		116-LED-TL
*	XSM 400/700/1000/1300**		116-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	116-MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	116-MH-TL

*\*Metal Halide-Control gear required*

Mains voltage			
230v		PAR 16/LED (GU10)	116-GU-TL

*GU10 LED lamp can be installed*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



## Double Mini Trimless

Two lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

LED			
*	LED50**		216-LED-TL
*	XSM 400/700/1000/1300**		216-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	216-MR-TL

*MR16 Retro-fit LED lamp can be installed*

Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	216-MH-TL

*\*Metal Halide-Control gear required*

Mains voltage			
230v		PAR 16/LED (GU10)	216-GU-TL

*GU10 LED lamp can be installed*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



## Triple Mini Trimless

Three lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

LED			
*	LED50**		316-LED-TL
*	XSM 400/700/1000/1300**		316-XSM-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

Low Voltage			
12v	20-35-50w	MR16 (GU5.3)	316-MR-TL

*MR16 Retro-fit LED lamp can be installed*

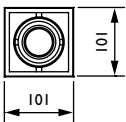
Metal Halide			
*240v	20-35w	CMH-MR16 (GX10)	316-MH-TL

*\*Metal Halide-Control gear required*

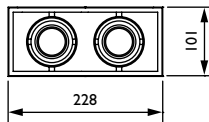
Mains voltage			
230v		PAR 16/LED (GU10)	316-GU-TL

*GU10 LED lamp can be installed*

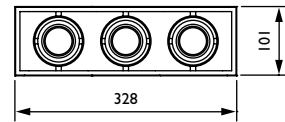
See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



Height - X LED50 140mm • XSM 170mm  
MR16 140mm • CMH MR16 170mm • GU10 170mm  
Ceiling cut out = 108mm X 108mm



Height - X LED50 140mm • XSM 170mm  
MR16 140mm • CMH MR16 170mm • GU10 170mm  
Ceiling cut out = 235mm X 108mm



Height - X LED50 140mm • XSM 170mm  
MR16 140mm • CMH MR16 170mm • GU10 170mm  
Ceiling cut out = 335mm X 108mm

### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Plaster Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Plaster Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Plaster Trim

- A range of trimless or trimmed directional gimbal fixtures
- Available as single or multi lamp versions
- LED, low voltage and miniature metal halide versions
- Fully directional gimbal heads

- Maximum tilt 35° in certain directions on specific models
- Anti-glare snoot(s) supplied as standard
- Easy re-lamping
- High lamp position to provide glare free illumination
- Front loading louvres, lenses and filters



### Single Mini Trim

One lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

### Double Mini Trim

Two lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

### Triple Mini Trim

Three lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

#### LED

* LED50**	I16-LED-TR
* XSM 400/700/1000/1300**	I16-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v 20-35-50w MR16 (GU5.3)	I16-MR-TR
----------------------------	-----------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v 20-35w CMH-MR16 (GX10)	I16-MH-TR
------------------------------	-----------

*\*Metal Halide-Control gear required*

#### Mains voltage

230v PAR 16/LED (GU10)	I16-GU-TR
------------------------	-----------

*GU10 LED lamp can be installed*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

* LED50**	216-LED-TR
* XSM 400/700/1000/1300**	216-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v 20-35-50w MR16(GU5.3)	216-MR-TR
---------------------------	-----------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v 20-35w CMH-MR16(GX10)	216-MH-TR
-----------------------------	-----------

*\*Metal Halide-Control gear required*

#### Mains voltage

230v PAR 16/LED(GU10)	216-GU-TR
-----------------------	-----------

*GU10 LED lamp can be installed*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

* LED50**	316-LED-TR
* XSM 400/700/1000/1300**	316-XSM-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
Refer to pages 23-27 for LED50 module information  
Refer to pages 34-37 for XSM module information*

#### Low Voltage

12v 20-35-50w MR16 (GU5.3)	316-MR-TR
----------------------------	-----------

*MR16 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v 20-35w CMH-MR16 (GX10)	316-MH-TR
------------------------------	-----------

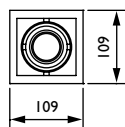
*\*Metal Halide-Control gear required*

#### Mains voltage

230v PAR 16/LED (GU10)	316-GU-TR
------------------------	-----------

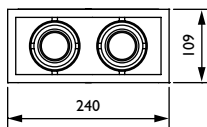
*GU10 LED lamp can be installed*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



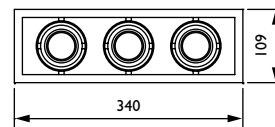
Height - X LED50 140mm • XSM 160mm  
MR16 140mm • CMH MR16 160mm • GU10 160mm

Ceiling cut out = 97mm X 97mm



Height - X LED50 140mm • XSM 160mm  
MR16 140mm • CMH MR16 160mm • GU10 160mm

Ceiling cut out = 228mm X 97mm



Height - X LED50 140mm • XSM 160mm  
MR16 140mm • CMH MR16 160mm • GU10 160mm

Ceiling cut out = 328mm X 97mm

#### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Trim



## Single Midi Trimless

One lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

LED		
* LED70**		120-LED70-TL
* XSM 1000/1300/2000/3000/4000**		120-XSM-TL
* GEI 1000/1500/2000/3000/4500**		120-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

Metal Halide		
*240v 20-35w	CDM-Tm (PGj5)	120-TM-TL

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



## Double Midi Trimless

Two lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

LED		
* LED70**		220-LED70-TL
* XSM 1000/1300/2000/3000/4000**		220-XSM-TL
* GEI 1000/1500/2000/3000/4500**		220-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

Metal Halide		
*240v 20-35w	CDM-Tm (PGj5)	220-TM-TL

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



## Triple Midi Trimless

Three lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

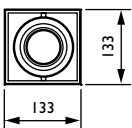
LED		
* LED70**		320-LED70-TL
* XSM 1000/1300/2000/3000/4000**		320-XSM-TL
* GEI 1000/1500/2000/3000/4500**		320-GEI-TL

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

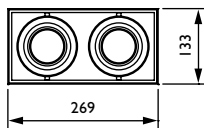
Metal Halide		
*240v 20-35w	CDM-Tm (PGj5)	320-TM-TL

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

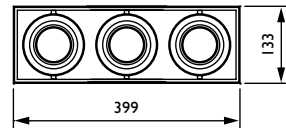
See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



**Height - X** LED70 160mm • XSM 225mm • CDM-TM 160mm  
XSM 225mm • XSM ACTIVE 225mm • GEI 225mm  
GEI ACTIVE 225mm  
**Ceiling cut out = 141mm X 141mm**



**Height - X** LED70 160mm • CDM-TM 160mm • XSM 225mm  
XSM ACTIVE 225mm • GEI 225mm • GEI ACTIVE 225mm  
**Ceiling cut out = 277mm X 141mm**



**Height - X** LED70 160mm • CDM-TM 160mm • XSM 225mm  
XSM ACTIVE 225mm • GEI 225mm • GEI ACTIVE 225mm  
**Ceiling cut out = 407mm X 141mm**

### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Plaster Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Plaster Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Plaster Trim

- A range of trimless or trimmed directional gimbal fixtures
- Available as single or multi lamp versions
- LED and miniature metal halide versions
- Fully directional gimbal heads

- Maximum tilt 35° in certain directions on specific models
- Anti-glare snoot(s) supplied as standard
- Easy re-lamping
- High lamp position to provide glare free illumination
- Front loading louvres, lenses and filters



### Single Midi Trim

One lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

### Double Midi Trim

Two lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

### Triple Midi Trim

Three lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

#### LED

* LED70**	I20-LED70-TR
* XSM 1000/1300/2000/3000/4000**	I20-XSM-TR
* GEI 1000/1500/2000/3000/4500**	I20-GEI-TR

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

#### Metal Halide

*240v 20-35w	CDM-Tm (PGj5)	I20-TM-TR
--------------	---------------	-----------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

* LED70**	220-LED70-TR
* XSM 1000/1300/2000/3000/4000**	220-XSM-TR
* GEI 1000/1500/2000/3000/4500**	220-GEI-TR

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

#### Metal Halide

*240v 20-35w	CDM-Tm (PGj5)	220-TM-TR
--------------	---------------	-----------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

* LED70**	320-LED70-TR
* XSM 1000/1300/2000/3000/4000**	320-XSM-TR
* GEI 1000/1500/2000/3000/4500**	320-GEI-TR

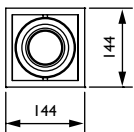
\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
XSM 3000/4000 Active Cooling only  
GEI 3000/4500 Active Cooling only  
Refer to pages 28-29 for LED70 module information  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

#### Metal Halide

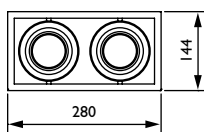
*240v 20-35w	CDM-Tm (PGj5)	320-TM-TR
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\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

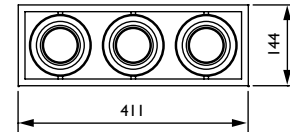
See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



Height - X LED70 160mm • CDM-TM 160mm • XSM 225mm  
XSM ACTIVE 225mm • GEI 225mm • GEI ACTIVE 225mm  
CDM-TM 160mm  
Ceiling cut out = 131mm X 131mm



Height - X LED70 160mm • CDM-TM 160mm • XSM 225mm  
XSM ACTIVE 225mm • GEI 225mm • GEI ACTIVE 225mm  
Ceiling cut out = 267mm X 131mm



Height - X LED70 160mm • CDM-TM 160mm • XSM 225mm • XSM  
ACTIVE 225mm • GEI 225mm • GEI ACTIVE 225mm  
Ceiling cut out = 398mm X 131mm

#### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Trim



## Single Maxi Trimless

One lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture



## Double Maxi Trimless

Two lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture



## Triple Maxi Trimless

Three lamp trimless gimbal fixture with separate plaster in frame  
Allow minimum of 25mm above fixture

### LED

*	XSM 1000/1300/2000/3000/4000**	111-XSM-TL
*	GEI 1000/1500/2000/3000/4500**	111-GEI-TL

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Low Voltage

12v	35-75w	QR111 (G53)	111-QR-TL
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QR111 Retro-fit LED lamp can be installed

### Metal Halide

*240v	20-35w	**CDM-TC (G8.5)	111-TC-TL
-------	--------	-----------------	-----------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

### LED

*	XSM 1000/1300/2000/3000/4000**	211-XSM-TL
*	GEI 1000/1500/2000/3000/4500**	211-GEI-TL

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Low Voltage

12v	35-75w	QR111 (G53)	211-QR-TL
-----	--------	-------------	-----------

QR111 Retro-fit LED lamp can be installed

### Metal Halide

*240v	20-35w	**CDM-TC (G8.5)	211-TC-TL
-------	--------	-----------------	-----------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

### LED

*	XSM 1000/1300/2000/3000/4000**	311-XSM-TL
*	GEI 1000/1500/2000/3000/4500**	311-GEI-TL

\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information

### Low Voltage

12v	35-75w	QR111 (G53)	311-QR-TL
-----	--------	-------------	-----------

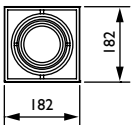
QR111 Retro-fit LED lamp can be installed

### Metal Halide

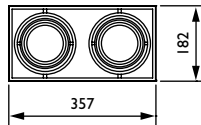
*240v	20-35w	**CDM-TC (G8.5)	311-TC-TL
-------	--------	-----------------	-----------

\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°

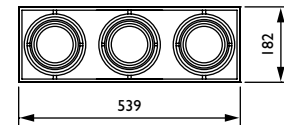
See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 192mm X 192mm



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 367mm X 192mm



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 549mm X 192mm

### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Plaster Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Plaster Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Plaster Trim



- A range of trimless or trimmed directional gimbal fixtures
- Available as single or multi lamp versions
- LED, low voltage and miniature metal halide versions
- Fully directional gimbal heads

- Maximum tilt 35° in certain directions on specific models
- Anti-glare snoot(s) supplied as standard
- Easy re-lamping
- High lamp position to provide glare free illumination
- Front loading louvres, lenses and filters



### Single Maxi Trim

One lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture



### Double Maxi Trim

Two lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture



### Triple Maxi Trim

Three lamp trimmed gimbal fixture with minimal trim  
Allow minimum of 25mm above fixture

#### LED

*	XSM 1000/1300/2000/3000/4000**	111-XSM-TR
*	GEI 1000/1500/2000/3000/4500**	111-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Low Voltage

12v	35-75w	QR111 (G53)	111-QR-TR
-----	--------	-------------	-----------

*QR111 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	**CDM-TC (G8.5)	111-TC-TR
-------	--------	-----------------	-----------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

*	XSM 1000/1300/2000/3000/4000**	211-XSM-TR
*	GEI 1000/1500/2000/3000/4500**	211-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Low Voltage

12v	35-75w	QR111 (G53)	211-QR-TR
-----	--------	-------------	-----------

*QR111 Retro-fit LED lamp can be installed*

#### Metal Halide

*240v	20-35w	**CDM-TC (G8.5)	211-TC-TR
-------	--------	-----------------	-----------

*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.

#### LED

*	XSM 1000/1300/2000/3000/4000**	311-XSM-TR
*	GEI 1000/1500/2000/3000/4500**	311-GEI-TR

*\*LED driver required – specify drive current and dimming protocol if required. \*\*Specify colour temperature and beam distribution  
GEI 3000/4500 Active Cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion module information*

#### Low Voltage

12v	35-75w	QR111 (G53)	311-QR-TR
-----	--------	-------------	-----------

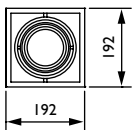
*QR111 Retro-fit LED lamp can be installed*

#### Metal Halide

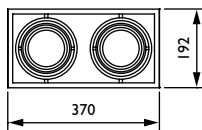
*240v	20-35w	**CDM-TC (G8.5)	311-TC-TR
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*\*Metal Halide-Control gear required  
\*\*Specify beam angle 16°/30°*

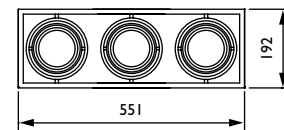
See specification sheet on [www.lucent-lighting.com](http://www.lucent-lighting.com) for full adjustment details.



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 179mm X 179mm



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 357mm X 179mm



Height - X QR111 210mm • CDM-TC 210mm • XSM 260mm  
GEI 260mm • GEI ACTIVE 260mm  
Ceiling cut out = 538mm X 179mm

#### Colour Finishes - Add suffix to reference number when specifying

WH-BK-WH: White Gimbal / Black Housing / White Trim • BK-BK-BK: Black Gimbal / Black Housing / Black Trim  
BK-BK-WH: Black Gimbal / Black Housing / White Trim

# ProSpex® | Spotlights

Spotlights for all types of retail and architectural spaces, track or surface mounted mono point for maximum flexibility. LED Spotlights utilising the latest LED options from Xicato and GE with up to 4500lm output. Large range of accessories available including wallwasher attachment and spread lenses. New TubeLED Mini with a COB single point source and integral driver eliminating the need for a separate driver housing resulting in a clean architectural form.



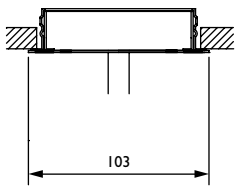
All Lucent LED Spotlights include integral drivers. A wide selection of outputs available throughout the range, up to 1500lm passively cooled and 4500lm actively cooled. Dimming capabilities available. ProSpot range that includes low voltage, LED and metal halide light sources, all with electronic transformer or ballast in a separate housing. Full range of lenses, louvres and filters available.





**Recessed Mono Point**

RMP-0001

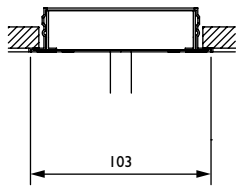


Ceiling cut out = 98mmØ



**Recessed Trimless Mono Point**

TMP-0001

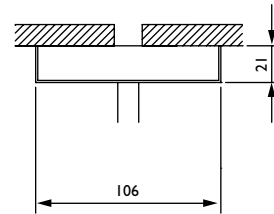


Ceiling cut out = 98mmØ



**Surface Mono Point**

SMP-0001



**TubeLED mini Cross Hair Baffle**

TubeLED Mini Cross Hair Baffle  
Black Cross Hair Baffle Accessory  
7100-CHB

- Track mounted LED spotlight, passively cooled with integrated heatsink
- Integral driver
- Universal 3 circuit track adaptor fitted as standard
- Various mono-point options

- Anti-glare black baffle supplied as standard
- Baffle accepts up to 2 media
- Cross hair baffle accessory available
- White, black and silver as standard
- Various colour temperatures

- Various beam options available.
- A range of accessories available
- For track see page 146



### TubeLED Mini White

1000 lumen Track mounted white tubular spotlight with integral driver

### TubeLED Mini Silver

1000 lumen Track mounted silver tubular spotlight with integral driver

### TubeLED Mini Black

1000 lumen Track mounted black tubular spotlight with integral driver

#### LED

*	LED 2700K**	7100-27-SP-WH
*	LED 3000K**	7100-30-SP-WH
*	LED 4000K**	7100-40-SP-WH

\* Specify dimming protocol if required  
 \*\* Specify beam distribution 20°/30°/40°

#### LED

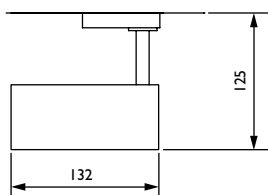
*	LED 2700K	7100-27-SP-SV
*	LED 3000K	7100-30-SP-SV
*	LED 4000K	7100-40-SP-SV

\* Specify dimming protocol if required  
 \*\* Specify beam distribution 20°/30°/40°

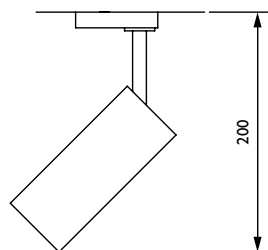
#### LED

*	LED 2700K	7100-27-SP-BK
*	LED 3000K	7100-30-SP-BK
*	LED 4000K	7100-40-SP-BK

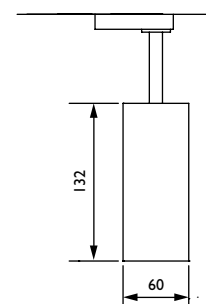
\* Specify dimming protocol if required  
 \*\* Specify beam distribution 20°/30°/40°



90°



45°



0°



**SpotLED Cross Hair Baffle**  
Black Cross Hair Baffle Accessory  
4100-CHB



**SpotLED XL Cross Hair Baffle**  
Black Cross Hair XL Baffle Accessory  
4100-CHB-XL  
For larger 100/111mmØ Reflectors

- Track mounted LED spotlight
- Xicato and GE Infusion LED options
- Integrated driver
- Universal 3 circuit track adaptor fitted as standard
- Accessory holder accepts up to 2 media

- Cross hair baffle accessory
- White and black as standard
- Actively cooled from 2000lm
- Various beam options available.
- Wallwash version available
- For track see page 146



### SpotLED

Track mounted tubular adjustable spotlight with horizontally mounted integral driver

### SpotLED Wallwash

Track mounted tubular adjustable wallwash with horizontal mounted integral driver

### SpotLED XL

Track mounted tubular adjustable spotlight with XL cowl for high intensity narrow spot and other larger reflectors and with horizontally mounted integral driver

#### LED

* GEI 1000/1500/2000/3000/4500	4100-GEI-SP
* GEI Punch	4100-GEI-P-SP
* XSM 1000/1300/2000/3000/4000	5100-XSM-SP

\*Specify drive current and dimming protocol if required  
Specify colour temperature and beam distribution  
GEI 2000/3000/4500 Active cooling only  
XSM 2000/3000/4000 Active cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion and Punch module information

#### LED

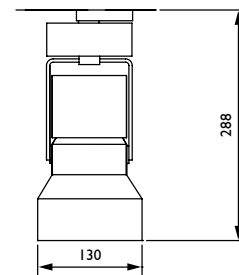
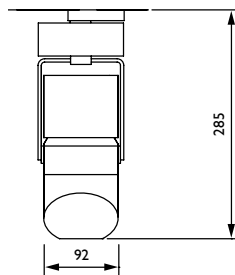
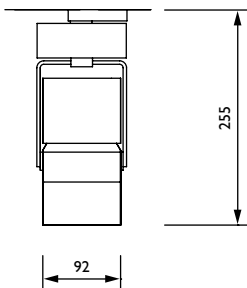
* GEI 1000/1500/2000/3000/4500	4100-GEI-SP-WW
* GEI Punch	4100-GEI-P-SP-WW
* XSM 1000/1300/2000/3000/4000	5100-XSM-SP-WW

\*Specify drive current and dimming protocol if required  
Specify colour temperature and beam distribution  
GEI 2000/3000/4500 Active cooling only  
XSM 2000/3000/4000 Active cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion and Punch module information

#### LED

* GEI 1000/1500/2000/3000/4500	4100-GEI-SP-XL
* GEI Punch	4100-GEI-P-SP-XL
* XSM 1000/1300/2000/3000/4000	5100-XSM-SP-XL

\*Specify drive current and dimming protocol if required  
Specify colour temperature and beam distribution  
GEI 2000/3000/4500 Active cooling only  
XSM 2000/3000/4000 Active cooling only  
Refer to pages 34-37 for XSM module information  
Refer to pages 32-33 for GE Infusion and Punch module information





## Spot Mini

Low voltage spotlight with vertical mounted dimmable electronic transformer



## Spot Midi

Low voltage or metal halide spotlight with vertical mounted dimmable electronic transformer or control gear

### Low Voltage

12v	20-35-50w	MR16(GU5.3)	2116-MR-SP
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*MR16 Retro-fit LED lamp can be installed*

### Low Voltage

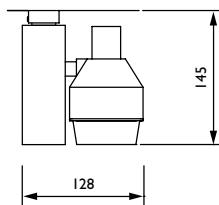
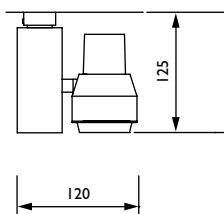
12v	20-35-50w	MR16(GU5.3)	2100-MR-SP
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*MR16 Retro-fit LED lamp can be installed*

### Metal Halide

*230v	20w	CMH-MR16(GX10)	2100-20-MH-SP
*230v	35w	CMH-MR16(GX10)	2100-35-MH-SP
230v	*20w	CDM-Tm(PGj5)	2100-20-Tm-SP
230v	*35w	CDM-Tm(PGj5)	2100-35-Tm-SP

*\*Specify beam width 12°/24°*



Brushed Aluminum



White



- Available in three sizes
- Low voltage and metal halide options
- Universal 3 circuit track adaptors fitted as standard
- Tilt lock as standard
- Integral electronic ballasts and transformers

- Anti-glare snoot as standard
- Cross hair baffle as standard
- Accessory holder as standard
- Available in white, textured black and brushed aluminium
- Die cast aluminium construction

- A range of accessories, spread lenses, colour filters and louvres available
- Fixtures accept two accessories
- For track see page 140



### Spot Maxi LV

Low voltage spotlight with vertical mounted dimmable electronic transformer



### Spot Maxi MH

Metal halide spotlight with vertical mounted electronic control gear

#### Low Voltage

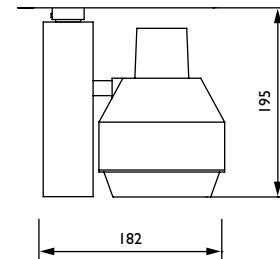
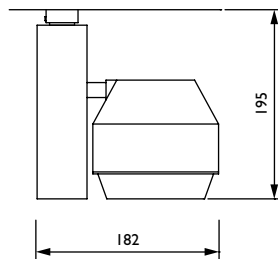
12v	35-75w	QR111 (G53)	2111-QR-SP
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*QR111 Retro-fit LED lamp can be installed*

#### Metal Halide

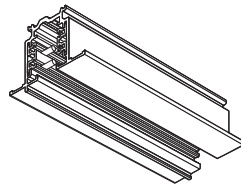
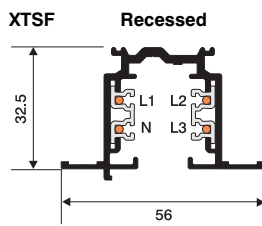
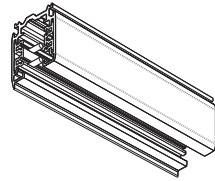
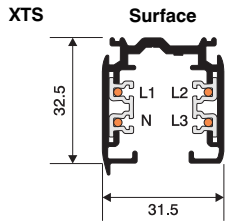
230v	*35w	CDM-TC (G8.5)	2101-35-TC-SP
230v	*70w	CDM-TC (G8.5)	2101-70-TC-SP
230v	*35w	CDM-T (G12)	2101-35-T-SP
230v	*70w	CDM-T (G12)	2101-70-T-SP

*\*Specify beam width 12°/24°*



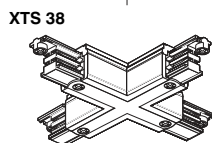
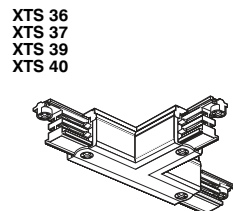
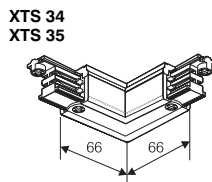
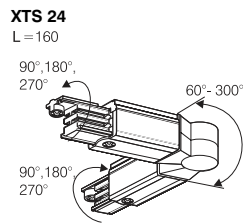
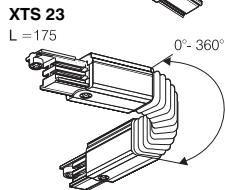
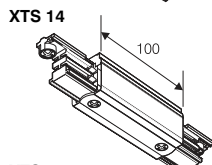
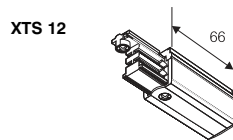
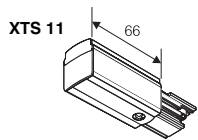
# ProSpex® | Track & Accessories

Range of three circuit Global track and hardware for multiple types of schemes and installations. Available in three colours to compliment the Lucent ProSpex Spot programme. Also our glass lenses, filters and louvres for Lucent downlight, gimbal and spotlight ranges, to give the lighting designer the opportunity to put their own signature to the installation.



## Track Information

- 16A Global 3-circuit track
- For use with Lucent ProSpex spotlights
- Surface and recessed versions
- Three colours available as standard
- Full range of feeds and connectors
- Various suspensions available
- Can be cut to length on site (bending tool also required)
- Dali and I-10v compatible track available, for details contact Lucent Lighting



## XTS Surface

XTS 4100	1000mm
XTS 4200	2000mm
XTS 4300	3000mm

## XTSF Recessed

XTSF 4100	1000mm
XTSF 4200	2000mm
XTSF 4300	3000mm

## Electrical feeds

XTS11	Live end – earth left
XTS12	Live end – earth right
XTS14	Centre (in-line) Feed

## Connectors

XTS21	Straight connector
XTS23	Flexible corner
XTS24	Adjustable corner
XTS34	90° corner – earth outside
XTS35	90° corner – earth inside
XTS36	T connector – earth right + inside
XTS37	T connector – earth left + outside
XTS39	T connector – earth left + inside
XTS40	T connector – earth right + outside
XTS38	X connector
XTS41	End cap

## Mounting & suspension parts

SKB12	Ceiling clamp
SPR6	Rod suspension set M6 1000mm long
SPW1	Wire suspension set M6 1000mm long
SP4P	Point clamp Suspension
XTSV12	Conductor bending tool

Other suspension accessories available, for details contact Lucent Lighting.

## Colour finishes - add suffix to reference number when specifying

- 1: Silver / Grey
- 2: Black
- 3: White



Honeycomb Louvre



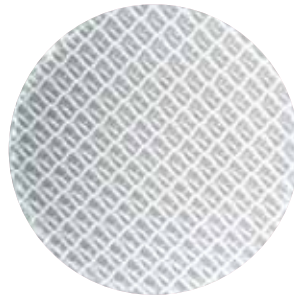
Diffusing Lens



Frosted Lens



Linear Spread Lens



Heavy Spread Lens



Warm Tone

	Downlight Accessories		Gimbal Accessories		
	35mmØ	50mmØ	Mini	Midi	Maxi
<b>Honeycomb Louvre</b>	LS45	LL45	LL45	MG45	XG45
<b>Diffusing Lens</b>	LSDF	LLDF	LLDF	MGDF	XGDF
<b>Frosted Lens</b>	LSFR	LLFR	LLFR	MGFR	XGFR
<b>Linear Spread Lens</b>	LSLS	LLLS	LLLS	MGLS	XGLS
<b>Heavy Spread Lens</b>	LSHS	LLHS	LLHS	MGHS	XGHS
<b>Warm Tone Lens</b>	LSCC	LLCC	LLCC	MGCC	XGCC
<b>UV Lens</b>	LSUV	LLUV	LLUV	MGUV	XGUV

	Spotlight Accessories					
	TubeLED Mini	SpotLED	SpotLED XL	Mini	Midi	Maxi
<b>Honeycomb Louvre</b>	LL45	HX75	HX11	LL45	MD45	MX45
<b>Diffusing Lens</b>	LLDF	DF75	DF11	LLDF	MDDF	MXDF
<b>Frosted Lens</b>	LLFR	FR75	FR11	LLFR	MDFR	MXFR
<b>Linear Spread Lens</b>	LLLS	LS75	LS11	LLLS	MDLS	MXLS
<b>Heavy Spread Lens</b>	LLHS	HS75	HS11	LLHS	MDHS	MXHS
<b>Warm Tone Lens</b>	LLCC	CC75	CC11	LLCC	MDCC	MXCC
<b>UV Lens</b>	LLUV	UV75	UV11	LLUV	MDUV	MXUV

# ProSpex® | LinearLED

In addition to our already extensive programme of ProSpex fixtures, Lucent have now included a professional specification, versatile linear LED product. Slim, compact and discreet in design it provides direct and indirect illumination in any installation, highlighting architectural ceiling details with a continuous and seamless line of light. Available in both High Output and High Efficiency versions in four colour variants, 2400K, 2700K, 3000K and 4000K. Also included are a range of Aluminium extruded profiles in the signature Black finish along with compatible Lens covers in varying beam options.





# ProSpex<sup>®</sup> | ProStrip Black

Lucent ProStrip Black is a professional specification linear LED product to provide indirect illumination, as well as highlighting architectural details with a continuous and seamless line of light. Available in standard and Super Warm High Output and High Efficiency versions.



- Flexible linear LED tape for architectural applications
- Supplied with adhesive backing
- Protective coating to all tape as standard
- Optional IP65 coating and connectors for exterior applications
- Luminous output of up to 1800lm/m at 18W/m
- 4 colour temperature options
- Colour rendering over 80 CRI
- Surface and recessed profiles
- Available in standard lengths from 0.5m to 2.0m
- Surface and pre-angled mounting brackets available
- 1-10V, DALI and DMX control options
- Power supply and dimmers to be ordered separately

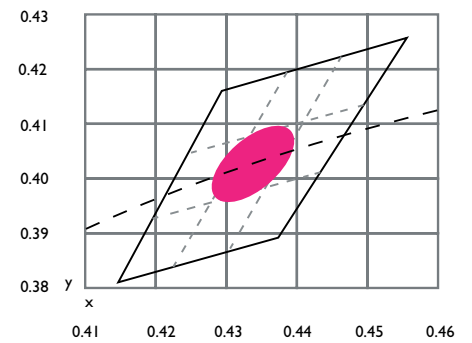


Diagram illustrating the ProStrip Black 3 step MacAdam ellipse bin structure against the blackbody curve.

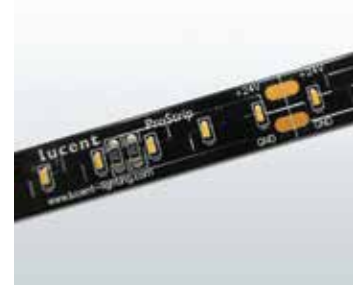


- Versatile LED lighting system
- Slim, compact and discreet
- Supplied in standard lengths
- 24v operation
- High output version

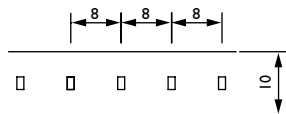
- High efficiency version
- Ideal for continuous lighting of cove details
- Range of linear profiles available
- Pre-angled brackets
- Various cover options

### ProStrip Black 8mm HO

LED Type	SMD
Max. Operating Voltage	24V
Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Cutting Sections	50mm
Temperature Range	-10°C to 40°C (to achieve L70 50,000 hours)
Beam Angle	120°
Dimming Options	1-10V/DALI/DMX



- High Output linear LED strip
- LED pitch at 8mm
- 1800lm per metre
- 18W per metre



### ProStrip Black 8mm HO

ProStrip Black 8mm HO Order Code\*

<b>Application</b>		
IP20	20	↓
IP54	54	
IP65	65	
<b>LED Colour</b>		
2700K	27	↓
3000K	30	
4000K	40	
<b>Example</b>	LPB-08	-30 -20

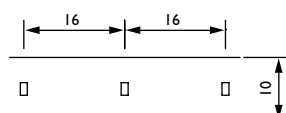
\*Power supply and accessories to be ordered separately

### ProStrip Black 16mm HE

LED Type	SMD
Max. Operating Voltage	24V
Colour Temperatures	2700K/3000K/4000K
Colour Rendering Index	≥80
Cutting Sections	100mm
Temperature Range	-10°C to 40°C (to achieve L70 50,000 hours)
Beam Angle	120°
Dimming Options	1-10V/DALI/DMX



- High Efficiency linear LED strip
- LED pitch at 16mm
- 700lm per metre
- 5W per metre



### ProStrip Black 16mm HE

ProStrip Black 16mm HE Order Code\*

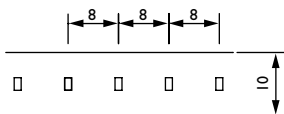
<b>Application</b>		
IP20	20	↓
IP54	54	
IP65	65	
<b>LED Colour</b>		
2700K	27	↓
3000K	30	
4000K	40	
<b>Example</b>	LPB-16	30- 20-

\*Power supply and accessories to be ordered separately

## ProStrip Black 8mm SW HO

LED Type	SMD
Max. Operating Voltage	24V
Colour Temperatures	2400K
Colour Rendering Index	≥89
Cutting Sections	50mm
Temperature Range	-10°C to 40°C (to achieve L70 50,000 hours)
Beam Angle	120°
Dimming Options	1-10V/DALI/DMX

- Super warm high output linear LED strip
- LED pitch at 8mm
- 800lm per metre
- 10W per metre



## ProStrip Black 8mm SW HO

### ProStrip Black 8mm SW HO Order Code\*

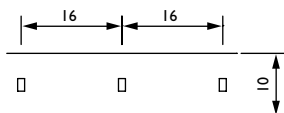
<b>Application</b>			
IP20	20		
IP54	54		
IP65	65		
<b>LED Colour</b>			
2400K	24		
<b>Example</b>	<b>LPB-SW-08</b>	<b>-24</b>	<b>-20</b>

\*Power supply and accessories to be ordered separately

## ProStrip Black 16mm SW HE

LED Type	SMD
Max. Operating Voltage	24V
Colour Temperatures	2400K
Colour Rendering Index	≥89
Cutting Sections	100mm
Temperature Range	-10°C to 40°C (to achieve L70 50,000 hours)
Beam Angle	120°
Dimming Options	1-10V/DALI/DMX

- Super warm high efficiency output linear LED strip
- LED pitch at 16mm
- 400lm per metre
- 5W per metre



## ProStrip Black 16mm SW HE

### ProStrip Black 16mm SW HE Order Code\*

<b>Application</b>			
IP20	20		
IP54	54		
IP65	65		
<b>LED Colour</b>			
2400K	24		
<b>Example</b>	<b>LPB-SW-16</b>	<b>-24</b>	<b>-20</b>

\*Power supply and accessories to be ordered separately



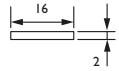
- Warm 2400K colour temperature
- Versatile LED lighting system
- Slim, compact and discreet
- Supplied in standard lengths
- 24v operation
- High output version

- High efficiency version
- Ideal for continuous lighting of cove details
- Range of linear profiles available
- Pre-angled brackets
- Various cover options

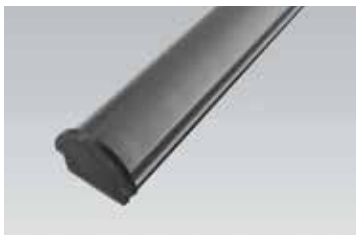
## ProStrip Black Profiles and Accessories



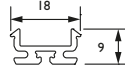
**Flexi Profile**  
LPB-FP  
Flexible on end only  
HE only



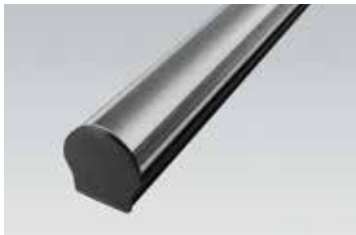
**Frosted Cover**  
LPB-CVF  
For use with  
LPB-SP1 and LPB-TP1



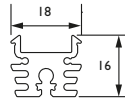
**Shallow Profile**  
LPB-SP1  
HE Only



**Frosted Lens 30°**  
LPB-FL30  
**Frosted Lens 60°**  
LPB-FL60  
**Frosted Lens 90°**  
LPB-FL90  
For use with  
LPB-SP1 and LPB-TP1



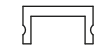
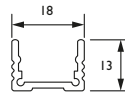
**Tall Profile**  
LPB-TP1



**Assymmetric Lens**  
LPB-AL  
For use with  
LPB-SP1 and LPB-TP1



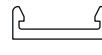
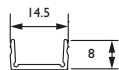
**U Profile 1**  
LPB-UP1



**U Cover**  
LPB-UC  
For use with  
LPB-UP1 and LPB-RP1



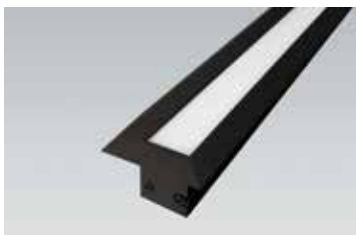
**U Profile 2**  
LPB-UP2  
HE only



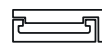
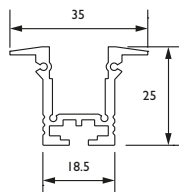
**Fixing Clips**  
Flat 0° LPB-FC00  
Angled 15° LPB-FC15  
Angled 30° LPB-FC30  
Angled 45° LPB-FC45  
Angled 60° LPB-FC60

**U Profile Fixing Clips**  
Flat 0° LPB-UP-FC00  
Angled LPB-UP-FC01  
For use with  
LPB-UP1 and LPB-UP2

**Recessed Profile Fixing Clips**  
Flat 0° LPB-RP1-FC00  
For use with  
LPB-RP1



**Recessed Profile**  
LPB-RP1



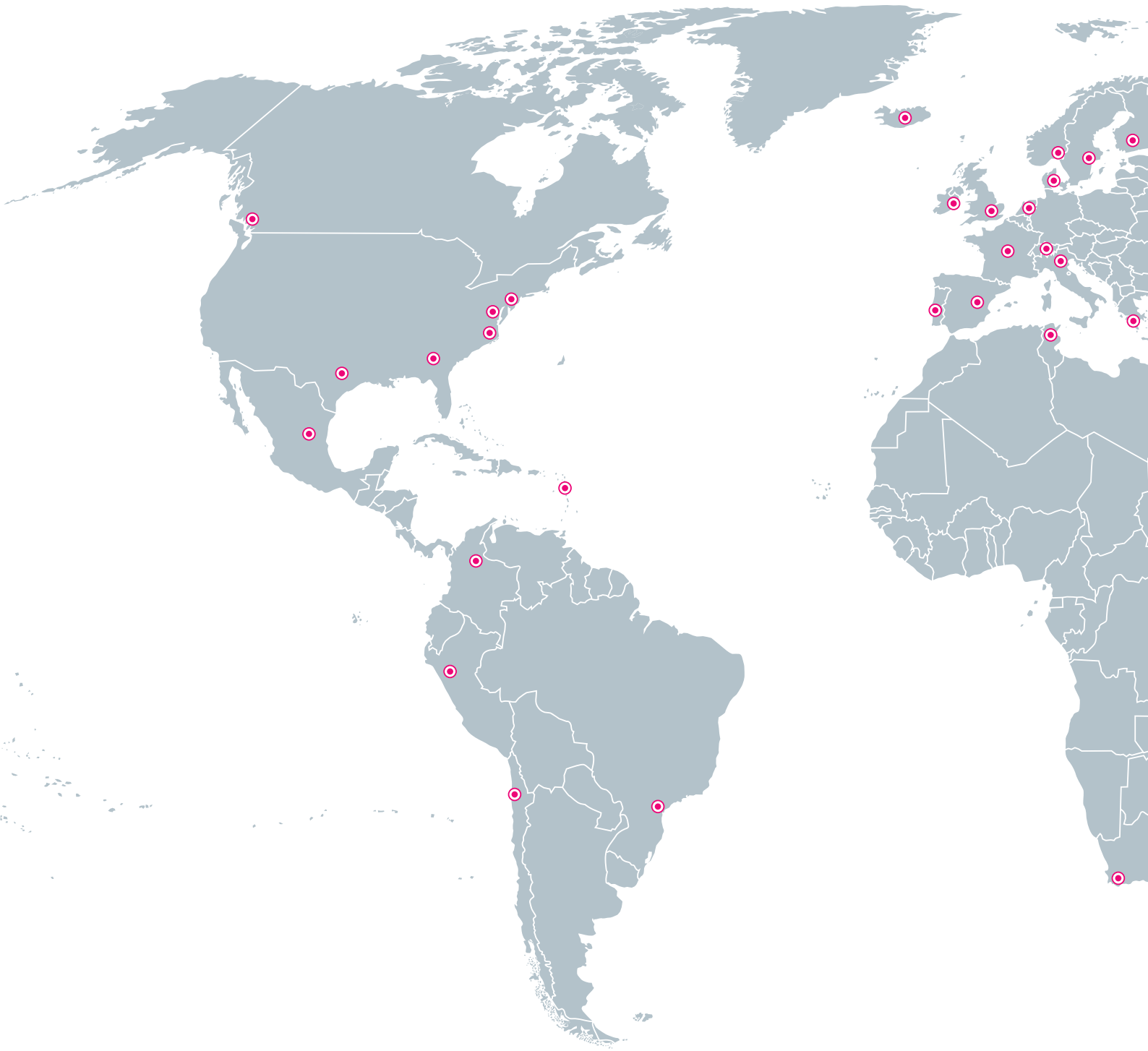
**Connectors**  
Connector LPB-PC00  
Connector 90° LPB-PC90

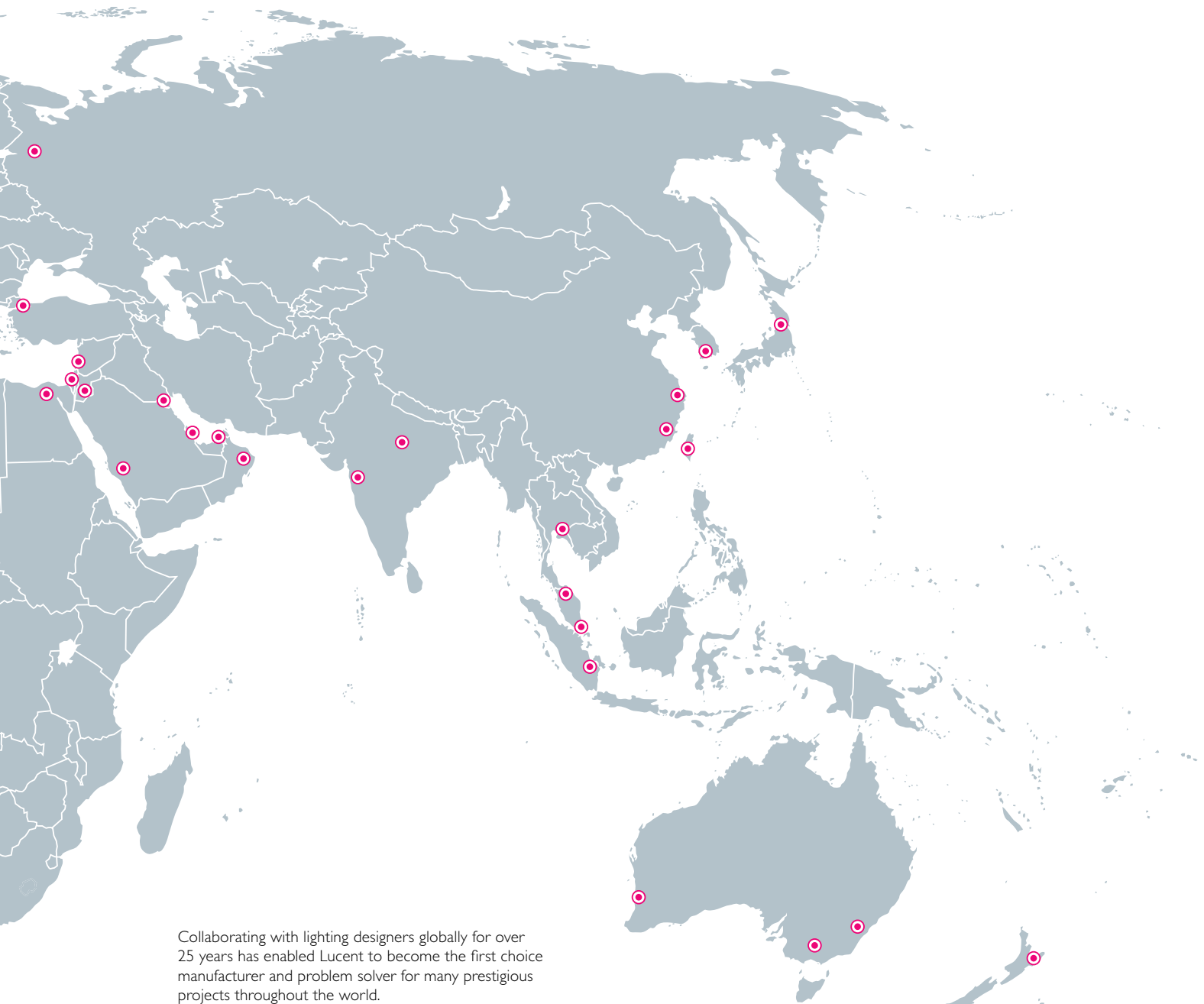
Installation instructions available online





# Lucent Lighting Distributor Network Map





Collaborating with lighting designers globally for over 25 years has enabled Lucent to become the first choice manufacturer and problem solver for many prestigious projects throughout the world.

With award winning products, our own comprehensive LED range and a strong portfolio, we strive to design, manufacture and supply lighting fixtures which meet the aesthetic and technical requirements of our clients.

Lucent products have been tested in several key territories and carry the requisite safety standards for these areas.

Through our extensive global distribution network and with manufacturing in the UK and USA Lucent products are widely available on a commercial basis.

# Lucent Lighting Distributors

## Australia

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Unit 18, 41-49 Norcal Road  
Nunawading, Victoria. 3131 Australia  
T: +61 3 9872 7600  
F: +61 3 9874 8299  
E: sales@lampstech.com.au

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Manama 321  
Kingdom of Bahrain  
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F: +973 1774-2217  
E: subhash@alansarilighting.com

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8 Canewood Estate  
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/ogalvez@homecontrol.cl

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/janet.peng@cla.asia

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/2450-5522 / 7411-779  
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F: +852 2817-2285  
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/della.sarmiento@cla.asia

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E: vanessa@splighthk.com

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110068, India  
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M: +91 98-1115-0678  
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Artlite - Bangalore contact:  
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220, Khetwadi Main Road,  
Tara Mansion, Ground Floor,  
Mumbai - 400 004.  
T: +91-22-4333-1818  
/+91 22-2490-0036  
F: +91 22-4333-1819  
E: sales@versa-lite.com

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Jl Meruya Ilir no 88 Blok E1/15  
Jakarta barat 11620  
Indonesia  
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F: +62-21-3006-1559  
E: anton\_henky@triglode.com

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37138 Verona, Italy  
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F: +39 045-8103519  
E: P.comparotto@arkilux.com

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Shinjuku-Ku  
Tokyo 160-0022  
T: +81 03-5369-3020  
E: mag@domus.co.jp  
/watanabe@d-8.co.jp

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King Abdullah II Bin Al Hussein  
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Amman 11821, Jordan  
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F: +962 6585-4661  
E: info@hudalighting.com

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PO Box 2552  
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F: +82 2-798-0850  
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/gskoh@mlux.com.my

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F: +7 812-347-6932  
E: av@ctkspb.ru

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/ediel.elmido@cla.asia

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F: +27 (0) 8650 24111  
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#### Cape Town

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& Trd. Co. Ltd  
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F: +90 216-4563-798  
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/rick@illuminateboston.com

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/tim@bright-tec.com

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F: +925.806.0459  
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F: +1-604-215-7723  
E: darren@cdm2lightworks.com

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Lighting Designer | Light Directions Hong Kong  
Products | ProSpex 100
- Page 129** **Hilton Metropole London**  
Lighting Designer | GIA Equation London  
Photography | Courtesy ofThe Hilton  
Products | ProSpex Soft 90
- Page 131** **Waldorf Astoria Amsterdam**  
Lighting Designer | DPA Lighting Consultants Oxford  
Photography | Courtesy ofWaldorf Astoria  
Products | ProSpex Pinhole Edge
- Page 145** **Pizza Express London**  
Lighting Designer | LightingWorkshop New York  
Products | ProSpex Spot LED
- Page 148-149** **Watches of Switzerland London**  
Lighting Designer | Callison New York  
Photography | Courtesy ofWatches of Switzerland  
Products | ProSpex Gimbal Maxi
- Page 154-155** **Hilton Metropole London**  
Lighting Designer | GIA Equation London  
Photography | Courtesy ofThe Hilton  
Products | ProSpex Soft 90
- Page 161** **Mulberry Dallas**  
Lighting Designer | Spiers + Major Associates London  
Products | ProSpex 4.25" Pinhole
- Page 162** **Fera Claridges London**  
Lighting Designer | Lighting Design International London  
Products | ProSpex Pinhole Edge



# Lucent Lighting Ltd | Lucent Lighting Inc.

Professional Architectural Lighting | London | New York

Lucent Lighting has recently invested in its own in house Photometric laboratory, including a Goniometer, Spectroradiometer and Integrating Sphere.

The facility allows us to provide specifiers with detailed photometric information on Lucent's vast range of luminaires, particularly concentrating on fixtures integrating the many and varied Lucent LED ranges with information that accurately portrays the performance of the whole LED/luminaire system.

Having the laboratory in house also allows Lucent to react and update the information to reflect the advances and improvements to the LED technology. It also allows Lucent's designers and technicians to evaluate new products and technology during the design phase to ensure future products or upgrades to existing luminaires perform to their optimum.

These files are available as downloadable IES files.

[www.lucent-lighting.com](http://www.lucent-lighting.com)



USA/Canada



Europe



China



Russia



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