

LED CATALOGUE 2012/13





Downlights



XL-LED Performance Downlight Kits	9
XL-LED MAX Performance Downlight Kits	12
XL-LED MAX 'Sunset Dim' Kit	14
XL-LED ECO Performance Centre Tilt Kits	16
XL-LED ECO II Performance Downlight Kits	19
XL-LED Performance Diffused Downlight Kits	20
XL-LED Recessed Fixed Downlight	24
XL-LED Performance Surface Mounted Downlight Kit	25
XL-LED Performance GU10 Downlight Kits	26
XL-LED PROFESSIONAL Downlights	27
XL-LED Performance Downlights	32
XL-LED Performance Mini Cabinet Light Kit	35
XL-LED Performance Barlight Kits	36



The LED Technology

XL-LED Downlights

The Crompton XL-LED Performance lamp and driver combination was designed in Australia specifically to meet Australian conditions.

The latest generation of the Crompton XL-LED, XL-LED ECO and XL-LED MAX utilize 'Binless' LED chip technology, which means that designers and installers no longer have to worry about colour instability, colour matching is now standard across the three premium levels of Crompton LED downlights.



XL-LED Performance Downlight Kits



Features & Benefits

Custom Designed Inner Locking Ring

Allows the PERFORMANCE LED lamp housing to be secured on a tilt ensuring a safe installation. The ring also prevents the fitting from being retrofitted with a standard MR16 halogen lamp. This is a significant advantage for use in buildings seeking a full Energy Star Rating.

Thermal Wind Back

The XL-LED specially designed driver incorporates a Thermal Wind Back System. The driver monitors the LED case temperature and automatically reduces the power to protect the lifetime of the LED. Should the maximum surface temperature reach 90°C, the fitting will start to "wind back" the LED, resulting in automatic dimming in small increments rather than completely shutting down the LED light source.

Solid State Lighting Luminaire

Lighting Council of Australia launched their SSL (Solid State Lighting) quality scheme in 2010 to assist the market with identifying LED products which meet guaranteed performance criteria, accredited to strict test parameters. The Crompton XL-LED was one of the first fittings registered under the SSL Quality Scheme.

Fully Dimmable

The LED Controller can be used on a dimmer switch or dimming circuit of either leading or trailing edge.

Light Output

The light output is similar to most wide beam FNV MR16 halogen lamp with a 55° beam spread, and has energy saving of up to 70% when compared to a standard MR16 50W halogen lamp.

Australian Design

Designed in Australia for Australian conditions - patent pending and registered design.

C-Bus

Crompton XL-LED Downlights are C-Bus compatible.

Warranty Register

Customers can have confidence in the XL-LED Warranty by registering the details for each installation with Crompton.



LED
TECHNOLOGY



LED Performance Solid State Lighting Luminaire	
Luminous Flux	700 lm
Luminous Efficacy	44 lm/W
INPUT POWER	16 W
Colour	
Correlated Colour Temperature (CCT)	3000 K
Colour Rendering Index (CRI, Ra)	85
LIGHT COLOUR	3000 (WARM WHITE)
VISIT www.lightingcouncil.com.au for the Label Reference Guide	
The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.	



XL-LED

PERFORMANCE LED DOWNLIGHT

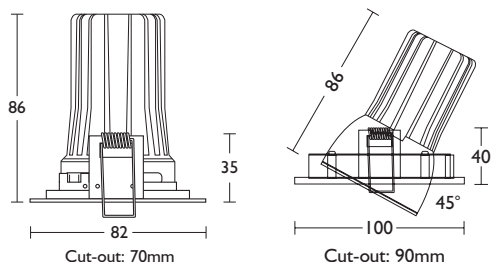
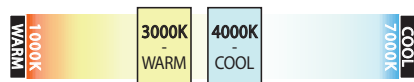
XL-LED Performance Downlight Kits



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



FIXED DOWNLIGHT

GIMBAL DOWNLIGHT



DIMENSIONS / WEIGHT / LIFE

Downlight	150g
Controller	165(W)x44(D)x37(H) mm, 185g
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

XL-LED Performance Kit contents:

- 1 x 12W LED lamp (3000K or 4000K)
- 1 x 12V-24V, 650mA (16W) LED driver with 1.5m flex & plug and secondary leads
- 1 x DL23LED (gimbal) or DL21LED (fixed downlight) with twist-lock face
- C-Bus compatible
- Fully dimmable with leading or trailing edge dimmers

* Compared to a standard MR16 50W lamp

ELECTRICAL

Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	100mA
Power Factor	0.95 undimmed
Total Input Power	16W maximum
Secondary Output Voltage	12V - 24V DC
Secondary Output Current	650mA regulated
Lamp Power	12W
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Lens Retaining Clip	Steel, chrome plated
Lens	Polycarbonate
Controller Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with Pb-free solder

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Colour Temperature	3000K	4000K
Luminous Flux	700 lumens	800 lumens
CRI	85	85
Beam Angle	55°	55°

REFERENCE	COLOUR	DOWNLIGHT	CODE
3000K			
KLED12FW	White	Fixed	26274
KLED12FSC	Satin Chrome	Fixed	26275
KLED12AW	White	Gimbal	26272
KLED12ASC	Satin Chrome	Gimbal	26273
4000K			
KLED12FW4K	White	Fixed	26497
KLED12FSC4K	Satin Chrome	Fixed	26498
KLED12AW4K	White	Gimbal	26495
KLED12ASC4K	Satin Chrome	Gimbal	26496



The LED Technology

XL-LED MAX Performance

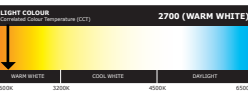
The Crompton XL-LED MAX has been designed for maximum performance and light output.

XL-LED MAX is class leading, with significantly higher lumen output, exceeding that of a 50W halogen MR16 Lamp, whilst using significantly less power.

Crompton XL-LED MAX is suitable for a wide range of applications. These include both residential and commercial applications including shops, offices and general lighting areas. They are also most beneficial in installations that have high ceilings, enabling maximum light output, whilst resulting in additional cost savings from lower maintenance costs due to less frequent lamp changes.

XL-LED MAX is registered to carry the prestigious SSL Label, which guarantees performance, colour rendition and maintenance and energy efficiency.



	
LED Performance Solid State Lighting Luminaire	
Luminous Flux	1000 lm
Luminous Efficacy	55 lm/W
INPUT POWER	18 W
Colour Correlated Colour Temperature (CCT) 2700 K Colour Rendering Index (CRI, Ra) 85	
LIGHT COLOUR Correlated Colour Temperature (CCT) 2700 (WARM WHITE)	
	
VISIT www.lightingcouncil.com.au For the Label Reference Guide	
The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.	



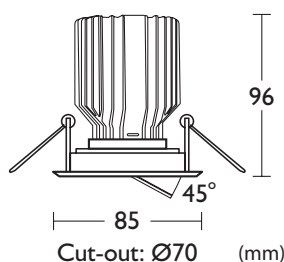
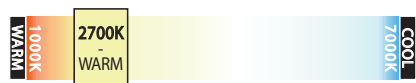
XL-LED MAX Performance Downlight Kits



iReady

Downlights

XL-LED PERFORMANCE



KLED14F



DIMENSIONS / WEIGHT / LIFE

Downlight & lamp	375g
Controller	165(W)x44(D)x37(H) mm, 185g
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

XL-LED MAX Performance Kit contents:

- 1 x 14W 2700K LED lamp pre-fitted into white aluminium 45° centre tilt downlight with steel mouse-trap clips
- 1 x 12V-24V, 650mA thermoplastic casing LED driver with click tooth cover prewired to 600mm lamp lead and 1.5m flex & plug
- 1 x spare lamp locking ring for optional installation into a fixed or gimbal type LED downlight fixture
- C-Bus compatible
- Fully dimmable with leading, trailing edge and universal dimmers

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	100mA
Power Factor	0.95 undimmed
Total Input Power	18W
Secondary Output Voltage	12V - 24V DC
Secondary Output Current	650mA regulated
Lamp Power	14W
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Lens Retainer	Aluminium
Lens / Diffuser	PMMA
Controller Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with Pb-free solder

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	1000 lumens
CRI	85
Colour Temperature	2700K
Beam Angle	54° FNV



REFERENCE	COLOUR	CODE
KLED14FS	Silver	26950
KLED14FW	White	26949



The LED Technology

XL-LED MAX 'Sunset Dim'



Standard LED downlights reduce the luminous intensity while maintaining a constant colour temperature, when dimmed. Crompton XL-LED MAX Sunset Dim combines class leading engineering technology, with an enhanced feature of visual stimulation through the transition of "colour experience" similar to that of actual sunset.

To achieve this effect, the Crompton XL-LED MAX SUNSET DIM simultaneously reduces both the luminous intensity and colour temperature when dimmed. This effect is similar to traditional incandescent and halogen lighting which become warmer (orange glow) when dimmed.

With a smart combination of an amber LED into the circuit, the Crompton XL-LED Sunset Dim produces a colour controlled dimming curve that uniquely matches that of a standard halogen MR16 lamp, when using most of the common phase control dimmers on the market.



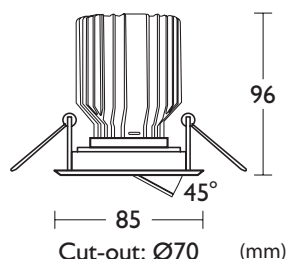
XL-LED MAX 'Sunset Dim' Downlight Kit



iReady

Downlights

XL-LED PERFORMANCE



KLED15AWS



DIMENSIONS / WEIGHT / LIFE

Downlight & lamp	375g
Controller	165(W)x44(D)x37(H) mm, 185g
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

- XL-LED MAX Sunset Dim Kit contents:
- 1 x 14W LED lamp complete with 7 LEDs
 - Pre-fitted into white aluminium 45° centre tilt downlight with steel mouse-trap clips
 - 1 x 12V-24V, 650mA thermoplastic casing LED driver with click tooth cover prewired to 600mm lamp lead and 1.5m flex & plug
 - 1 x spare lamp locking ring for optional installation into a fixed or gimbal type LED downlight fixture
 - C-Bus compatible
 - Fully dimmable with leading, trailing edge and universal dimmers

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	100mA
Power Factor	0.9
Total Input Power	<22W
Secondary Output Voltage	12V - 24V DC
Secondary Output Current	650mA regulated
Lamp Power	<14W
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Lens Retaining Clip	Steel, chrome plated
Len / Diffuser	Polycarbonate
Controller Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with Pb-free solder

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	1000 lumens
CRI	85
Colour Temperature	2900K
Beam Angle	54° FNV



REFERENCE	COLOUR	CODE
KLED15AWS	White	27009



XL-LED ECO Performance Kits

Ø70mm cut-out / Ø92mm cut-out



Crompton's XL-LED ECO downlights incorporate the latest technology to provide users with an LED option to achieve significantly improved energy efficiency, colour rendering quality and light output, when compared to older technology, such as compact fluorescent and incandescent. The XL-LED ECO offers a cost effective energy saving buildings lighting solution for small to medium sized commercial or as a direct replacement for halogen lighting in all residential applications.



XL-LED ECO Performance Centre Tilt Kits

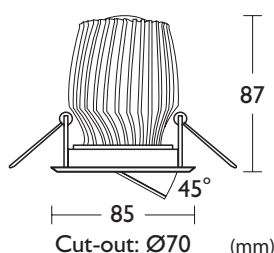
Ø70mm cut-out



iReady

Downlights

XL-LED PERFORMANCE



KLED15A



WEIGHT / LIFE

Downlight	250g
Controller	140(W)x44(D)x28(H) mm, 240g
LED Lamp Life	40,000HR
Controller Life	40,000HR

PRODUCT FEATURES

- 15W 2700K / 4000K LED centre tilt kit
- Die-cast aluminium downlight ring & fascia
- Centre tilt (45°) lamp retaining ring
- Chrome mouse-trap type clips
- 15V-17V, 650mA-700mA LED driver with 1.5m flex & plug and 600 mm secondary leads
- 10% - 100% dimmable with most trailing edge dimmers
- Includes 15W LED module

* Compared to a standard MRI 6 50W lamp



PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.07A
Power Factor	0.98
Total Input Power	17W
Secondary Output Voltage	15V - 17V DC
Secondary Output Current	700mA
Lamp Power	15W
Input Capacitance of Driver	47nF = 0.047µF

MATERIALS

Heatsink	Finned aluminium
Attachment Clip	Chrome
Body	Die-cast Aluminium
Lens	Reverse concave polycarbonate
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic
Electronic Components & PCB's	RoHS compliant

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

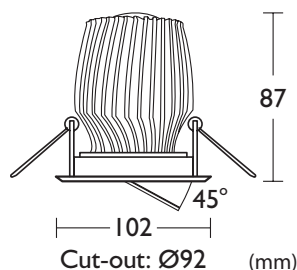
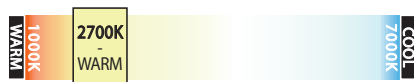
	2700K	4000K
Luminous Flux	490 lumens	660 lumens
CRI	85	67
Beam Angle	60°	60°



REFERENCE	COLOUR	CODE
2700K		
KLED15AW27K	White	26869
KLED15AS27K	Silver	26870
4000K		
KLED15AW4K	White	26871
KLED15AS4K	Silver	26872

XL-LED ECO Performance Adjustable Downlight Kits

Ø92mm CUT-OUT



KI5AW27K



WEIGHT / LIFE

Downlight & lamp	300g
Controller	140(W)x44(D)x28(H) mm, 240g
LED Lamp Life	40,000HR
Controller Life	40,000HR

PRODUCT FEATURES

- 15W 2700K LED adjustable downlight kit
- Die-cast aluminium downlight ring & fascia
- Adjustable lamp retaining ring
- Chrome mouse-trap type clips
- 15V-17V, 700mA LED driver with 1.5m flex plug and 600 mm secondary leads
- 10% - 100% dimmable with most trailing edge dimmers
- Includes 15W LED module

* Compared to a standard MRI 6 50W lamp

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.07A
Power Factor	0.98
Total Input Power	17W
Secondary Output Voltage	15V - 17V DC
Secondary Output Current	700mA
Lamp Power	15W
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

Heatsink	Finned aluminium
Attachment Clip	Chrome
Body	Die-cast Aluminium
Lens	Reverse concave polycarbonate
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic
Electronic Components & PCB's	RoHS compliant

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	<50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	490 lumens
CRI	85
Colour Temperature	2700K
Beam Angle	60°



REFERENCE	COLOUR	CODE
KI5AW27K	White	27032
KI5AS27K	Silver	27033

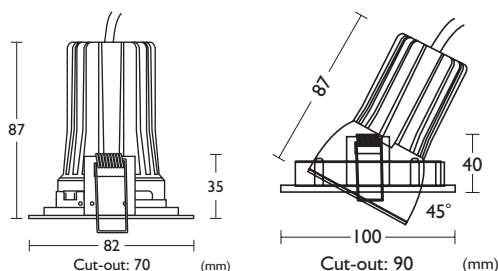
XL-LED ECO II Performance Downlight Kits



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



KLED9F3K

KLED9A3K



DIMENSIONS / WEIGHT / LIFE

Downlight	DL21LED - 40g DL23LED - 80g
Controller	165(W)x44(D)x37(H) mm, 185g
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

XL-LED ECO II Performance Kit contents:

- 1 x 8W 3000K LED lamp
- 1 x 12V, 650mA thermoplastic casing LED driver with click tooth cover prewired to 800mm lamp lead and 1.2m flex & plug
- 1 x white / satin chrome fixed or gimbal downlight with twist-lock face

ELECTRICAL

Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	50mA
Power Factor	0.95
Total Input Power	11W
Secondary Output Voltage	12V DC
Secondary Output Current	650mA
Lamp Power	8W
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

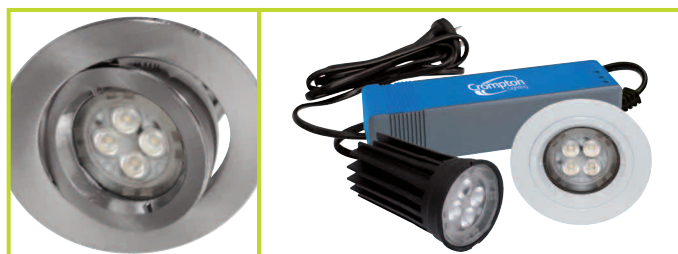
Heatsink	Finned aluminium
Lens Retainer	Polycarbonate
Lens / Diffuser	PMMA
Controller Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with Pb-free solder

THERMAL

Protection	Overload, short-circuit
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	553 lumens
CRI	85
Colour Temperature	3000K
Beam Angle	45° FNV



REFERENCE	COLOUR	DOWNLIGHT	CODE
KLED9FW3K	White	Fixed	26989
KLED9FSC3K	Satin Chrome	Fixed	26990
KLED9AW3K	White	Gimbal	27058
KLED9ASC3K	Satin Chrome	Gimbal	27059



The LED Technology

XL-LED Performance Diffused Downlight Kits

The Crompton XL-LED Diffused range has been designed for maximum performance and light output.

Unlike some diffusers that significantly reduce the LED efficiency beyond acceptable levels, the Crompton diffusers have been specifically designed to reduce overall glare, whilst still maintaining high lumen intensity.

Crompton XL-LED Diffused range are suitable for a wide range of applications. These include both residential and commercial applications including shops, offices and general lighting areas. They are also most beneficial in installations that require lower glare, but maximum light output.

The Crompton XL-LED Diffused range of LED Downlights are aesthetically pleasing to suit most interior applications, giving advanced performance in efficiency and visual comfort.



XL-LED Performance Diffused Downlight Kits

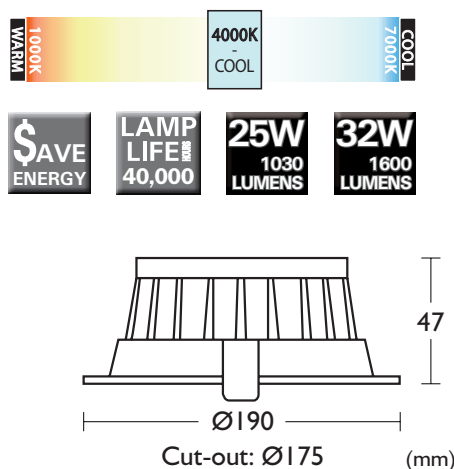
Ø175mm cut-out / Ø220mm cut-out



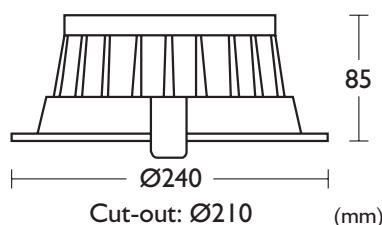
Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



KLED25W4K



KLED32W4K



ELECTRICAL

	25W	32W
Supply Voltage	220-240V AC	230-240V AC
Supply Frequency	50-60Hz	50-60Hz
Supply Current	0.15A	0.15A
Power Factor	0.9	0.9
Total Input Power	25W	32W
Secondary Output Voltage	30V DC	41V DC
Secondary Output Current	0.7A regulated	0.7A regulated
Lamp Power	25W	32W

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Body	Aluminium
Diffuser	PMMA
Controller Base & Cover	Polycarbonate

THERMAL

Thermal Protection	Fully protected	Fully protected
Ambient Temperature Rating	50°C	50°C
Maximum Surface Temp	75°C	75°C
Ingress Protection Rating	IP20	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	1030 lumens	1600 lumens
CRI	65	85
Colour Temperature	4000K	4000K
Beam Angle	150°	150°

WEIGHT / LIFE

Downlight	1.02Kg	1.56Kg
LED Lamp Life	40,000HR	40,000HR
Controller Life	40,000HR	40,000HR

PRODUCT FEATURES

- XL-LED Performance diffused downlight kit
- White powder coated die-cast aluminium body and base
- PMMA thermoplastic diffuser
- 25W downlight with 30V DC, 700mA LED driver
- 32W downlight with 41V DC, 700mA LED driver
- Polycarbonate body LED driver prewired to 600mm lamp lead and flex & plug
- Includes 25W or 32W LED module



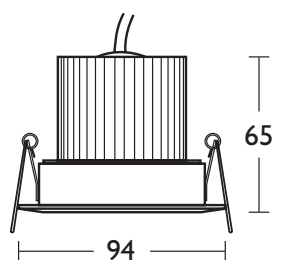
REFERENCE	COLOUR	DOWNLIGHT	CODE
KLED25W4K	White	25W	27067
KLED32W4K	White	32W	27068

XL-LED ECO D Performance Diffused Downlight Kits

Ø70mm cut-out



iReady



Cut-out: 70 (mm)

KLED17ADW



DIMENSIONS / WEIGHT / LIFE

Downlight	190g
Controller	140(W)x44(D)x28(H) mm, 240g
LED Lamp Life	40,000HR
Controller Life	40,000HR

PRODUCT FEATURES

- 15W 2700K / 4000K LED diffused downlight kit
- Die-cast aluminium white downlight with steel mouse-trap clips and aluminium heat sink
- Opal polycarbonate diffuser
- 15V-17V DC, 700mA thermoplastic body LED driver prewired to 600mm lamp lead and 1.4m flex & plug

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	700mA
Power Factor	0.9
Total Input Power	17W
Secondary Output Voltage	15V - 17V DC
Secondary Output Current	700mA
Lamp Power	15W
Input Capacitance of Driver	0.033μF

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Body	Die-cast Aluminium
Fascia	Die-cast Aluminium
Lens	Polycarbonate
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

	2700K	4000K
Luminous Flux	330 lumens	470 lumens
CRI	75	75
Beam Angle	120°	120°



REFERENCE	COLOUR	CODE
2700K		
KLED17ADW27K	White	26963
4000K		
KLED17ADW4K	White	26960

XL-LED ECO D Performance Diffused Downlight Kits

Ø90mm cut-out



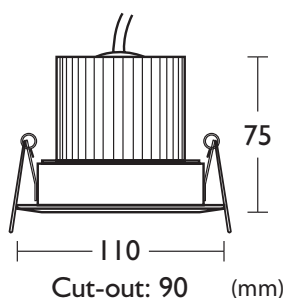
iReady



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



KLED21ADW



DIMENSIONS / WEIGHT / LIFE

Downlight	230g
Controller	140(W)x44(D)x28(H) mm, 240g
LED Lamp Life	40,000HR
Controller Life	40,000HR

PRODUCT FEATURES

- 21W 2700K / 4000K LED diffused downlight kit
- Die-cast aluminium white downlight with steel mouse-trap clips and aluminium heat sink
- Opal polycarbonate diffuser
- 25V DC, 700mA thermoplastic body LED driver prewired to 600mm lamp lead and 1.4m flex & plug

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.15A
Power Factor	0.9
Total Input Power	24W
Secondary Output Voltage	25V DC
Secondary Output Current	700mA
Lamp Power	21W
Input Capacitance of Driver	0.033µF

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Body	Die-cast Aluminium
Fascia	Die-cast Aluminium
Lens	Polycarbonate
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

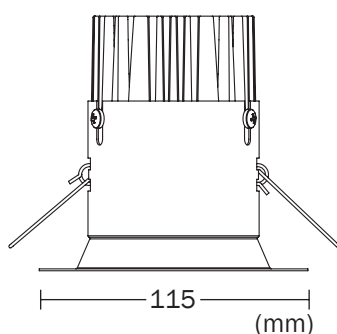
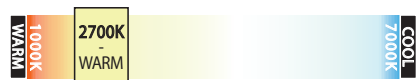
OPTICAL / PHOTOMETRIC

	2700K	4000K
Luminous Flux	480 lumens	680 lumens
CRI	75	75
Beam Angle	120°	120°



REFERENCE	COLOUR	CODE
2700K		
KLED21ADW27K	White	26962
4000K		
KLED21ADW4K	White	26961

XL-LED Recessed Fixed Downlight



Cutout - Ø84

PRO-DLI3W27

WEIGHT / LIFE

Downlight	230g
Controller	175g
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

- Powder coated matt finish body and fascia
- Specular aluminium polished reflector
- Clear front glass cover
- Finned aluminium heat sink
- Prewired to electronic driver which is attached to primary wires in an enclosed quick-connect terminal block
- Includes 1 x 13W LED module

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.21A
Power Factor	0.6
Total Input Power	13W
Secondary Output Voltage	21V DC
Secondary Output Current	1050mA
Lamp Power	13W

MATERIALS

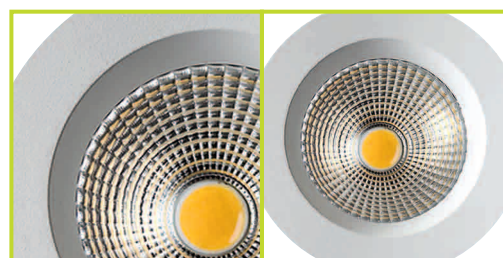
Heatsink	Finned aluminium
Attachment Clip	Chrome spring clips
Body	Powder coated matt finish
Fascia	Powder coated matt finish
Lens / Diffuser	Glass
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic
Electronic Components & PCB's	RoHS compliant

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	-20°C to 45°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP44

OPTICAL / PHOTOMETRIC

Luminous Flux	700 lumens
CRI	90
Colour Temperature	2700K
Beam Angle	120°



REFERENCE	COLOUR	CODE
PRO-DLI3W27	White	26853

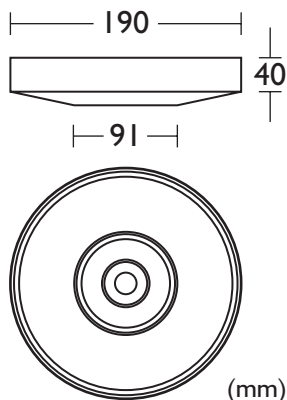
XL-LED Performance Surface Mounted Downlight



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



DL3880



ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.15A maximum
Power Factor	0.53
Total Input Power	15W
Secondary Output Voltage	44V DC maximum
Secondary Output Current	0.35A
Lamp Power	14W

MATERIALS

Heatsink	Aluminium
Body	Aluminium

THERMAL

Protection	Thermal, short-circuit
Ambient Temperature Rating	45°
Maximum Surface Temp	75°
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	1200 lumens
CRI	80
Colour Temperature	3000K
Beam Angle	50°

DIMENSIONS / WEIGHT / LIFE

Downlight	750g
Controller	115(W)x34(D)x19(H) mm, 150g
LED Lamp Life	50,000 HR
Controller Life	50,000 HR

PRODUCT FEATURES

- 14W LED surface mounted downlight kit
- Matt white powder coated die-cast aluminium body
- White painted base
- Inbuilt LED driver
- Includes 1 x 14W LED module



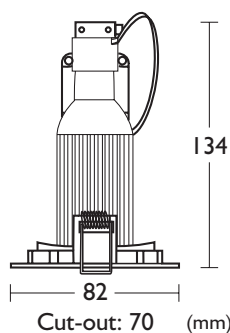
REFERENCE	COLOUR	CODE
DL3880	White	27035

XL-LED Performance GU10 Downlight Kits

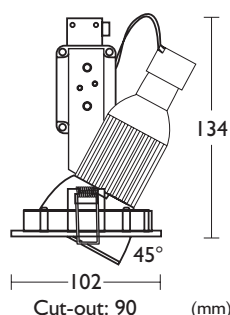


Downlights

XL-LED PERFORMANCE



KLED21GU1027K



KLED23GU1027K



PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.06A
Power Factor	0.9
Lamp Power	5 x 2W

MATERIALS

Lamp Heatsink	Aluminium
Attachment Clip	Steel
Lens Retaining Clip	Steel, chrome plated
Lens / Diffuser	Polycarbonate
Terminal Clamp Moulding	Thermoplastic

THERMAL

Ambient Temperature Rating	-20°C to 50°C
Maximum Surface Temp	<55°C

OPTICAL / PHOTOMETRIC

Luminous Flux	340 lumens
CRI	80
Colour Temperature	2700K
Beam Angle	40°

DIMENSIONS / WEIGHT / LIFE

Downlight	Fixed-100g, Gimbal-150g
LED Lamp Life	35,000HR

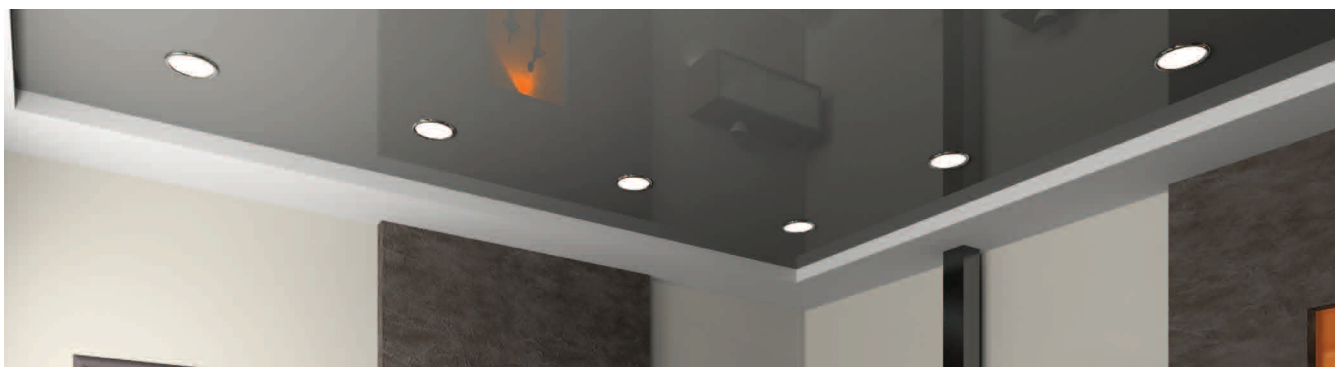
PRODUCT FEATURES

XL-LED Performance GU10 Kit:

- 1 x 10W LED GU10 lamp
- 1 x DLM23 (gimbal) or DLM21 (fixed downlight) in white / satin chrome with twist-lock face
- Die-cast aluminium body and twist lock ring with lamp retaining spring
- Chrome spring clips
- Terminal block casing and cable anchoring mounted on stand off bracket with GU10 lampholder and 120mm lead



REFERENCE	COLOUR	DOWNLIGHT	CODE
KLED21GU10W27K	White	Fixed	26966
KLED21GU10SC27K	Satin Chrome	Fixed	26967
KLED23GU10W27K	White	Gimbal	26968
KLED23GU10SC27K	Satin Chrome	Gimbal	26969



XL-PROFESSIONAL LED Downlights

Professional Downlights with LED Module



Crompton's XL-PRO LED Professional Downlights incorporate the latest technology to provide users with an LED option to achieve significantly improved energy efficiency, colour rendering quality and light output, when compared to older technology, such as compact fluorescent and incandescent. The Crompton XL-PRO LED Professional Downlights are manufactured to strict performance criteria, resulting in lower levels of radiant heat through integrated thermal management and no emission of Ultra Violet (UV) or Infra Red (IR).



XL-PROFESSIONAL LED Downlights

Professional Downlights with LED Module

Features & Benefits

Fortimo LED Module

- The Fortimo LED Module used in the Crompton XL-PRO series is manufactured to the highest standards, ensuring compatibility to suitable environments, which guarantees long term reliability and return for the investment.
- The Fortimo Module provides immediate light, without frequency limits over time, ensuring consistent lighting levels are maintained.
- Due to the improved thermal management, significant reductions in energy costs are achievable due to the lower loads possible, for example, on commercial air conditioning.

Extraction Cooling (19W)

- The 19W Crompton XL-PRO LED Downlight comes with noiseless heat extraction design which removes excess heat from the core of the module to prevent over heating. This is extremely important in protecting the life of the LED chip
Note: The unique extraction feature is not required on other XL-PRO models due to much lower operating temperatures.

Quality Design & Construction

- Crompton XL-PRO is made in Italy with a high resistant polycarbonate vacuum metalized faceted reflector.
- High performance LED module and fully compatible driver.

Light Filtering System

- No ultraviolet and infrared rays which are potentially harmful to fresh goods, art & crafts and interior finishing.
- No mercury ensures the Crompton XL-PRO Downlights are RoHS compliant.



MADE
IN ITALY

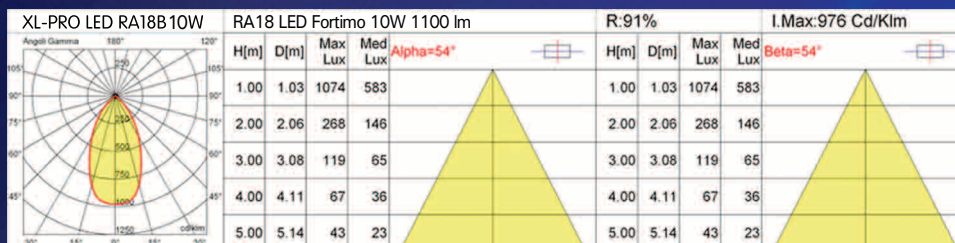
LED
TECHNOLOGY

XL-LED

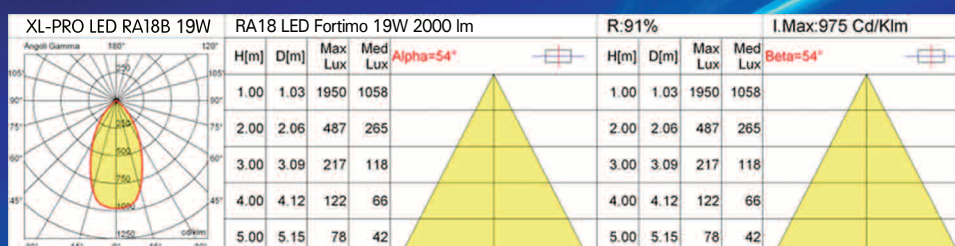
PROFESSIONAL LED DOWNLIGHT

	XL-PRO LED RA18B 10W	XL-PRO LED RA18B 19W	COMPARABLE COMPACT FLUORESCENT FITTINGS		
	1100 lm	2000 lm	1x26W	2x18W	2x26W
Efficiency (%)	93	93	45	53	47
Efficacy (lm)	1023	1860	810	1272	1692
Lamp power (W)	10	19	26	36	52
Ratio flux power (lm/W)	110	105	31	31	32
No. of fittings used	5	4	10	9	8
Lamp replacement	0	0	6/7	6/7	6/7

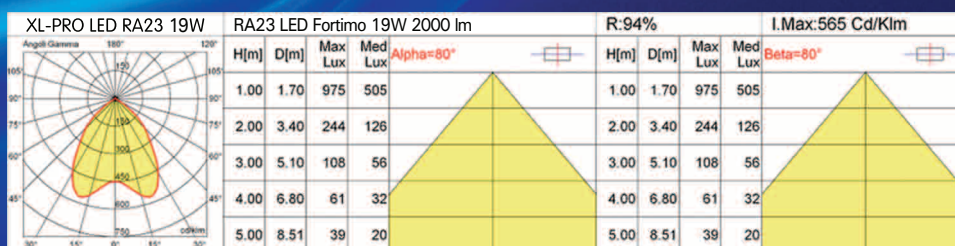
XL-LED PROFESSIONAL LED DOWNLIGHT



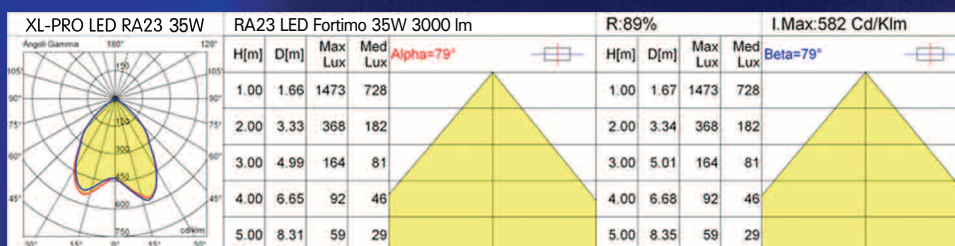
XL-PRO LED RA18B 10W - PHOTOMETRIC



XL-PRO LED RA18B 19W - PHOTOMETRIC



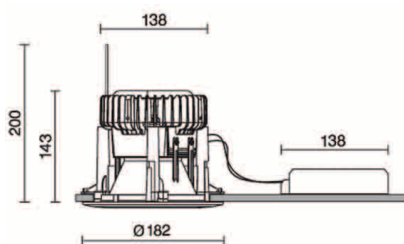
XL-PRO LED RA23 19W - PHOTOMETRIC



XL-PRO LED RA23 35W - PHOTOMETRIC

	XL-PRO LED RA23 19W	XL-PRO LED RA23 35W	COMPARABLE COMPACT FLUORESCENT FITTINGS		
	2000 lm	3000 lm	1x26W	2x18W	2x26W
Efficiency (%)	93	93	45	53	47
Efficacy (lm)	1860	2790	810	1272	1692
Lamp power (W)	19	35	26	36	52
Ratio flux power (lm/W)	105	86	31	31	32
No. of fittings used	4	3	10	9	8
Lamp replacement	0	0	6/7	6/7	6/7

XL-PRO LED RA18 PROFESSIONAL Downlights



Installation Cut-out: Ø172mm

XL-PRO LED RA18



WEIGHT / LIFE

Downlight	1.96Kg
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

- XL-PRO LED fixed downlight
- Made in Italy
- Ring in epoxy-polyester painted die-cast aluminium
- High resistant polycarbonate high vacuum metalized faceted reflector
- Black painted aluminium heat sink
- Patented spring system enables the fixture to be installed and removed without causing ceiling damage
- Easy to install into ceilings with thicknesses from 1-30mm
- Includes 1 x (10W / 19W) LED module

PRODUCT SPECIFICATIONS

ELECTRICAL

	10W	19W
Supply Voltage	220-240V AC	220-240V AC
Supply Frequency	50-60Hz	50-60Hz
Supply Current	0.15A	0.08A to 0.24A
Power Factor	0.9 - 0.98	0.9 - 0.98
Total Input Power	10W	19W
Secondary Output Voltage	24V DC	70V DC Max.
Secondary Output Current	0.7A	0.2A to 0.7A
Lamp Power	10W	19W

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Body	Epoxy polyester painted die-cast aluminium
Fascia	Epoxy polyester painted die-cast aluminium ring
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic
Electronic Components & PCB's	RoHS compliant

THERMAL

Thermal Protection	Fully protected	Fully protected
Ambient Temperature Rating	-20°C to 60°C	-20°C to 50°C
Maximum Surface Temp	90°C	65°C
Ingress Protection Rating	IP43	IP43

OPTICAL / PHOTOMETRIC

Luminous Flux	1100 lumens	2000 lumens
CRI	80	80
Colour Temperature	4000K	4000K
Beam Angle	54°	54°

REFERENCE	COLOUR	CODE
10W		
XL-PRO LED RA18B 17W	White	26531
XL-PRO LED RA18B 17W	Silver	26532
19W		
XL-PRO LED RA18B 37W	White	26533
XL-PRO LED RA18B 37W	Silver	26534

XL-PRO LED RA23 PROFESSIONAL Downlights



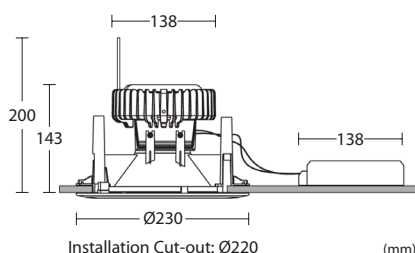
iReady

Downlights

XL-LED PERFORMANCE



\$AVE ENERGY **LAMP LIFE 50,000** **19W 2000 LUMENS** **35W 3000 LUMENS**



XL-PRO LED RA23



WEIGHT / LIFE

Downlight	2Kg
LED Lamp Life	50,000HR
Controller Life	50,000HR

PRODUCT FEATURES

- XL-PRO LED fixed downlight
- Made in Italy
- Epoxy-polyester painted die-cast aluminium ring
- High resistant polycarbonate high vacuum metalized faceted reflector
- Black painted aluminium heat sink
- Patented spring system enables the fixture to be installed and removed without causing ceiling damage
- Easy to install into ceilings with thicknesses from 1-30mm
- Includes 1 x (19W / 35W) LED module

PRODUCT SPECIFICATIONS

ELECTRICAL

	19W	35W
Supply Voltage	220-240V AC	230-240V AC
Supply Frequency	50-60Hz	50-60Hz
Supply Current	0.15A	0.24A
Power Factor	0.9 - 0.98	0.9 - 0.98
Total Input Power	19W	35W
Secondary Output Voltage	24V DC	70V DC Max.
Secondary Output Current	0.7A	0.2A to 0.7A
Lamp Power	19W	35W

MATERIALS

Heatsink	Aluminium
Attachment Clip	Steel
Body	Epoxy polyester painted die-cast aluminium
Fascia	Epoxy polyester painted die-cast aluminium ring
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic
Electronic Components & PCB's	RoHS compliant

THERMAL

Thermal Protection	Fully protected	Fully protected
Ambient Temperature Rating	-20°C to 60°C	-20°C to 50°C
Maximum Surface Temp	90°C	65°C
Ingress Protection Rating	IP43	IP43

OPTICAL / PHOTOMETRIC

Luminous Flux	2000 lumens	3000 lumens
CRI	80	80
Colour Temperature	4000K	4000K
Beam Angle	54°	54°

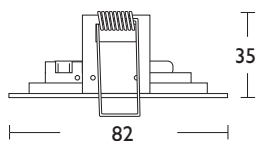
REFERENCE	COLOUR	CODE
19W		
XL-PRO LED RA23 22W	White	26863
35W		
XL-PRO LED RA23 45W	White	26862

XL-LED Performance Downlight Heads



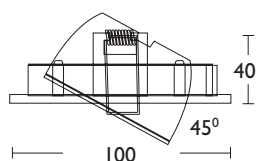
Downlights

XL-LED PERFORMANCE



Cut-out: 70mm

DL21-LED



Cut-out: 90mm

DL23-LED

PRODUCT SPECIFICATIONS

MATERIALS

Attachment Clip	Chrome spring clips
Body	Die-cast aluminium
Fascia	Die-cast aluminium

WEIGHT

	DL21-LED	DL23-LED
Downlight	40g	80g

PRODUCT FEATURES

- LED fixed / gimbal downlight with twist-lock face
- Die cast aluminium body and fascia
- Chrome spring clips

Suitable for XL-LED lamp

REFERENCE	COLOUR	DOWNLIGHT	CODE
DL21W-LED	White	Fixed	26300
DL21SC-LED	Satin Chrome	Fixed	26301
DL23W-LED	White	Gimbal	26298
DL23SC-LED	Satin Chrome	Gimbal	26299



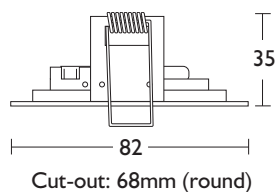
XL-LED Performance Square Downlight Heads



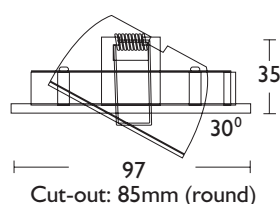
Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



DL41-LED



DL44-LED

MATERIALS

Attachment Clip	Chrome spring clips
Body	Die-cast aluminium
Fascia	Die-cast aluminium

WEIGHT

	DL41-LED	DL44-LED
Downlight	60g	80g

PRODUCT FEATURES

- LED square fixed / gimbal downlight with twist-lock face
- Die cast aluminium body and fascia
- Chrome spring clips

Suitable for XL-LED lamp

REFERENCE	COLOUR	DOWNLIGHT	CODE
DL41W-LED	White	Fixed	26726
DL41SC-LED	Satin Chrome	Fixed	26727
DL44W-LED	White	Gimbal	26728
DL44SC-LED	Satin Chrome	Gimbal	26729

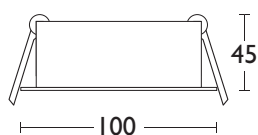


XL-LED Performance Downlight Heads



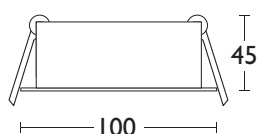
Downlights

XL-LED PERFORMANCE



Cut-out: 90mm (round)

DL45-LED



Cut-out: 90mm (round)

DL46-LED

PRODUCT SPECIFICATIONS

MATERIALS

Attachment Clip	Chrome spring clips
Body	Die-cast aluminium
Fascia	Powder coated white / silver

WEIGHT

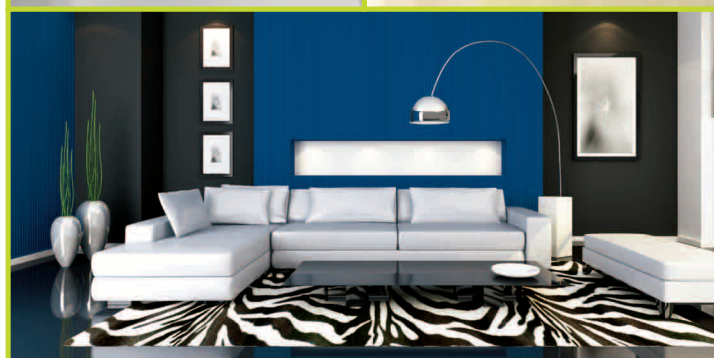
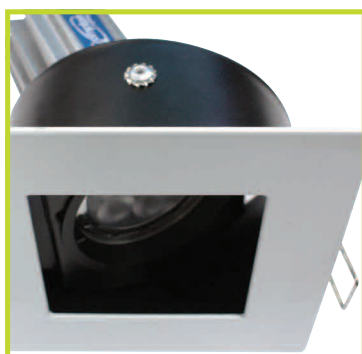
	DL45-LED	DL46-LED
Downlight	220g	180g

PRODUCT FEATURES

- LED square / round tilt baffle downlight
- Powder coated fascia
- Recessed lamp retaining ring with adjustable tilt
- Chrome spring clips

Suitable for XL-LED lamp

REFERENCE	COLOUR	DOWNLIGHT	CODE
DL45W-LED	White	Square	26730
DL45S-LED	Silver	Square	26731
DL46W-LED	White	Round	26732
DL46S-LED	Silver	Round	26733



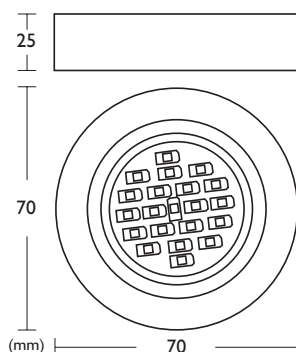
XL-LED Performance 3 Circular Mini Cabinet Light Kit



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



XL-888SC



ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.02A
Power Factor	0.9
Total Input Power	5W
Secondary Output Voltage	12V DC
Secondary Output Current	0.42A
Lamp Power	3 x 1.4W

MATERIALS

Body	Metal
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic

THERMAL

Ambient Temperature Rating	<45°C
Maximum Surface Temp	80°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	70 lumens each
CRI	75
Colour Temperature	4000K

WEIGHT / LIFE

Downlight	100g each
LED Lamp Life	30,000HR
Controller Life	30,000HR

PRODUCT FEATURES

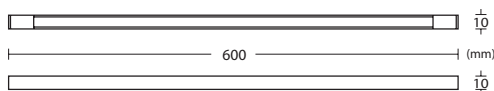
LED mini cabinet light kit contents:

- 3 x 1.4W satin chrome lights with metal body and inserts fitted with 21 surface mounted LEDs prewired to 1.5m quick connect cable
- 1 x 15W DC LED driver attached to 1.5m flex & plug and parallel quick connector KL3P



REFERENCE	COLOUR	CODE
XL-888SC	Satin Chrome	26809

XL-LED Performance 3 Light Barlight Kit



XL-3SLS



PRODUCT FEATURES

LED 3 bar lights kit contents:

- 3 x 2.64W silver grey aluminium body with frosted PMMA diffuser fitted with surface mounted LEDs prewired to 1.5m quick connect cable
- Each bar light has touch sensor with blue pilot light on one end
- 1 x 15W DC LED driver attached to 1.5m flex & plug and parallel quick connector KL3P

PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.06A
Power Factor	0.9
Total Input Power	15W
Secondary Output Voltage	12V DC
Secondary Output Current	1.25A
Lamp Power	3 x 2.6W

MATERIALS

Body	Aluminium
Lens / Diffuser	Frosted PMMA
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic

THERMAL

Ambient Temperature Rating	< 45°C
Maximum Surface Temp	80°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	130 lumens each
CRI	75
Colour Temperature	4000K

WEIGHT / LIFE

Bar	100g each
LED Lamp Life	30,000HR
Controller Life	30,000HR



REFERENCE	COLOUR	CODE
XL-3SLS	Silver Grey	26808

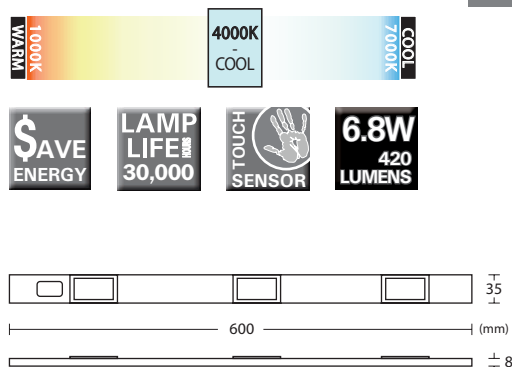
XL-LED Performance 3 Light Barlight Kit



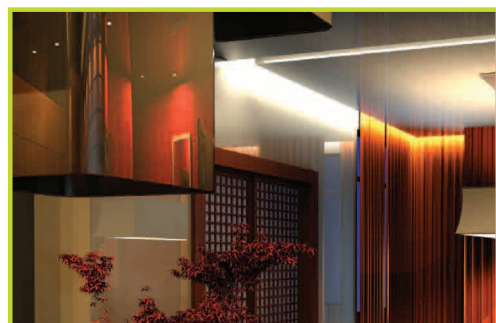
Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS



XL-3BLS



ELECTRICAL

Supply Voltage	230-240V AC
Supply Frequency	50-60Hz
Supply Current	0.06A
Power Factor	0.9
Total Input Power	15W
Secondary Output Voltage	12V DC
Secondary Output Current	1.25A
Lamp Power	3 x 2.28W

MATERIALS

Body	Silver grey aluminium
Lens / Diffuser	Frosted polycarbonate
Controller Base & Cover	Thermoplastic
Terminal Clamp Moulding	Thermoplastic

THERMAL

Ambient Temperature Rating	< 45°C
Maximum Surface Temp	80°C
Ingress Protection Rating	IP20

OPTICAL / PHOTOMETRIC

Luminous Flux	140 lumens each
CRI	75
Colour Temperature	4000K

WEIGHT / LIFE

Bar	220g each
LED Lamp Life	30,000HR
Controller Life	30,000HR

PRODUCT FEATURES

3 bar lights kit contents:

- 3 x 2.28W silver grey aluminium body with 3 polycarbonate clear diffuser windows with touch sensor
- Each touch sensor with blue pilot light covered with frosted polycarbonate diffuser
- 1 x 15W DC LED driver attached to 1.5m flex & plug and parallel quick connector KL3P
- 3 x 1.5m quick connect cables
- 2 x 0.5m link cables
- 2 x butt connectors



REFERENCE	COLOUR	CODE
XL-3BLS	Silver Grey	26807





A Member of the Gerard Lighting Group

Lighting the way since 1887



Customer Service/Sales

Tel: 1300 799 300 Fax: 1300 789 300

www.crompton.com.au

NEW SOUTH WALES

96-112 Gow Street
Padstow NSW 2211

VICTORIA

85 Munster Terrace
North Melbourne
VIC 3051

QUEENSLAND

3B/172 Evans Rd
Salisbury
QLD 4107

WESTERN AUSTRALIA

77 Truganina Rd
Malaga
WA 6090

SOUTH AUSTRALIA

101 Port Wakefield Rd
Cavan
SA 5094

NEW ZEALAND

Level 1, Building B, 8 Nugent Street, Grafton 1023, Auckland
TEL: +64 (0) 9 623 9646 FAX: +64 (0) 9 623 9640
Email: crompton@gerardlighting.co.nz