



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).



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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

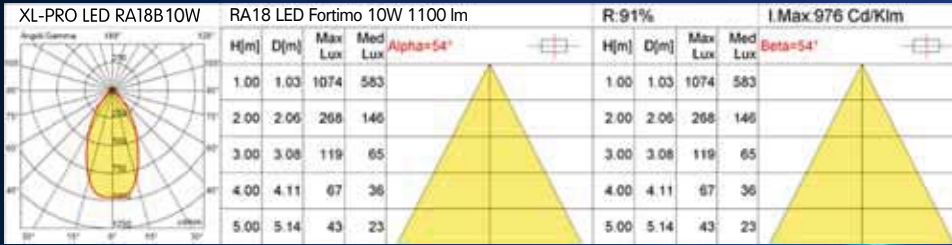
XL-LED

PROFESSIONAL LED DOWNLIGHT

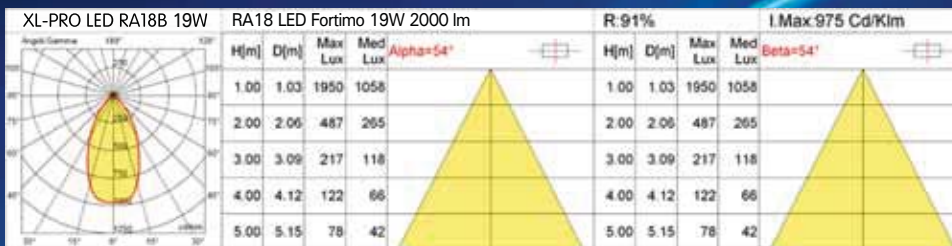
	XL-PRO LED RA18B 10W	XL-PRO LED RA18B 19W	COMPARABLE COMPACT FLUORESCENT FITTINGS		
	1100 lm	2000 lm	1x26W	2x18W	2x26W
Efficiency (%)	93	93	45	53	47
Efficacy (lm)	1023	1860	810	1272	1692
Lamp power (W)	10	19	26	36	52
Ratio flux power (lm/W)	110	105	31	31	32
No. of fittings used	5	4	10	9	8
Lamp replacement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

XL-LED PROFESSIONAL LED DOWNLIGHT

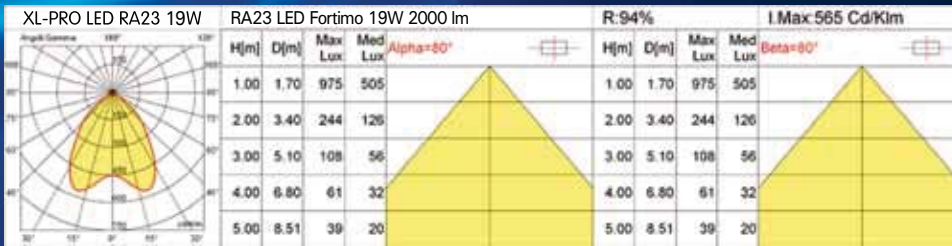
XL-LED PERFORMANCE



XL-PRO LED RA18B 10W - PHOTOMETRIC



XL-PRO LED RA18B 19W - PHOTOMETRIC



XL-PRO LED RA23 19W - PHOTOMETRIC



XL-PRO LED RA23 35W - PHOTOMETRIC

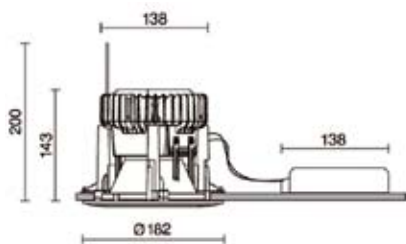
	XL-PRO LED RA23 19W	XL-PRO LED RA23 35W	COMPARABLE COMPACT FLUORESCENT FITTINGS		
	2000 lm	3000 lm	1x26W	2x18W	2x26W
Efficiency (%)	93	93	45	53	47
Efficacy (lm)	1860	2790	810	1272	1692
Lamp power (W)	19	35	26	36	52
Ratio flux power (lm/W)	105	86	31	31	32
No. of fittings used	4	3	10	9	8
Lamp replacement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

XL-PRO LED RA18 PROFESSIONAL Downlights



Downlights

XL-LED PERFORMANCE



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



Downlights

XL-LED PERFORMANCE

PRODUCT SPECIFICATIONS

WARM

1000K

4000K

COOL

COOL

7000K

\$

SAVE ENERGY

LAMP LIFE

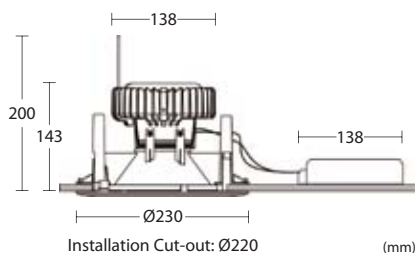
50,000

19W

2000 LUMENS

35W

3000 LUMENS



XL-PRO LED RA23



WEIGHT / LIFE

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

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

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