



Tiger LED Canopy Lights

120W or 160W ▪ Surface Mount or Recessed

SPECIAL ORDER ITEMS

Latest modular design - powerful yet compact
 Outstanding performance - **now 140 lm/W**
 Choice of surface mounted or recessed.



Superior performance & reliability

140 lumens per watt output
 Latest high performance LEDs and Philips Xitanium driver
 Proven reliability in Australian conditions
 50,000+ hour service life. 5 years warranty.

First class design and build quality

Compact modular design - simple, low cost manufacture
 Sturdy polyester-coated aluminium chassis and steel brackets
 Stainless steel fascia on modules (304 grade)
 Individual polycarbonate lenses over chips - no glass.

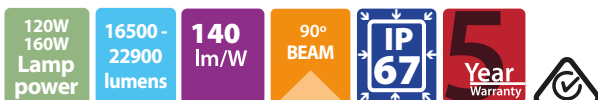
Specified to suit almost any application

90 degree beam spread as standard specification with 13 other lens options available on special order
 Bright, white 5000K light
 Rated IP67
 Operating temperatures from -50 to +50°C.
 White housing colour

NB These fittings are special order only.
 Please allow 7-8 weeks for delivery.

Applications

- Industrial lighting for indoor & outdoor applications
- Ideal lowbays especially where clearance is limited
- Under canopies, awnings, covered walkways
- Service stations, carparks
- Cool rooms and freezers.



RECESSED CANOPY LIGHT ▲ 120W (16500 lm), 160W (22900 lm)

Recesses into canopy or ceiling
 Dust-free, slim-line appearance
 Driver module is positioned above the fitting in the ceiling
 Cut-out diameter - 127mm (5 inches).



SURFACE MOUNTED CANOPY LIGHT 120W (16500 lm), 160W (22900 lm)

Mounts flush under ceiling
 Prevents build-up of dust
 Front section contains 4 LED modules;
 Rear compartment contains driver module.



30W modules (120W)
 40W modules (160W)
 18 LEDs per module
 Rated IP67
 14 lens options.



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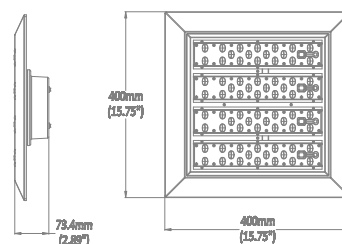
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RECESSED CANOPY LIGHT - 120W or 160W

Recesses into canopy or ceiling for dust-free, slim-line appearance. Driver module is positioned above the fitting in the ceiling.

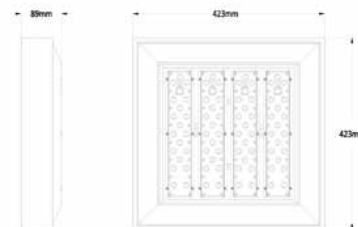


CUT-OUT - 127mm (5in) diameter



SURFACE MOUNTED CANOPY LIGHT - 120W or 160W

Mounts flush under ceiling to prevent build-up of dust. 2 part fitting - front section with 4 LED modules; driver in rear compartment.

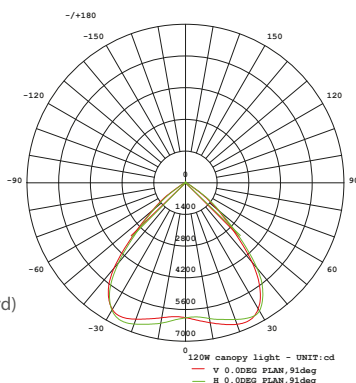


Photometrics

Most common lens type: T5M - IES Type V Medium 90 degrees round lenses

Other lenses available:

- Type I Medium 10 degrees round
- Type II Medium 25 degrees round
- Type III Medium 40 degrees round
- Type III Long 60 degrees round
- Type IV Short 90 degrees round (standard)
- Diffused 120 degrees round



120W 90° beam angle

Lux	Beam Diameter	Height
1380 lux (centre)	4m	2m
346	8	4
153	12	6
87	16	8
56	20	10
33	24	12
28	28	14
22	32	16
17	36	18
14	40	20

160W 90° beam angle

Lux	Beam Diameter	Height
1830 lux (centre)	4m	2m
452	8	4
203	12	6
114	16	8
74	20	10
50	24	12
37	28	14
28	32	16
23	36	18
19	40	20

Technical Parameters

Specifications	120W	160W
Power consumption: System/LED	123W	159W
Comparable metal halide	250 - 400W	400+W
Luminous Flux @ 140 lm/W	16,540 lm	22,900 lm
Input current	530mA	700mA
Input voltage & frequency	120-277VAC/50-6Hz	
Power factor (PF)	≥ 0.95	
LED chips	High performance chips, 18 per module	
LED driver	Philips Xitanium	
Colour rendering index (CRI)	Ra >70	
Colour temperature	5,000K	
Light distribution	IESNA Type V Medium	
Beam angle	90 deg standard. Options available.	
Working ambient temperature	-50 ~ +50°C	
Warranty	5 years	
IP rating	IP67 (modules & driver compartment)	
Service life	≥ 50,000 hours	
Composition - lenses	Polycarbonate	
- Housing/ heatsink	Aluminium/steel	
- Protective coating on housing	Polyester (100µm min)	
- Fascia covering modules	Stainless Steel (304)	
Net weight	6.1kg (recessed)	7kg (surface mount)
Dimensions (LxWxD) surface mount	423x423x89mm	
recessed	400x400x73 (25 mm below ceiling)	
Cut-out into canopy/ceiling	127mm diameter (5 inches)	
Product order code - surface mount	CA120S (120W)	CA160S(160W)
- recessed	CA120	CA160

NB: Please allow 6-8 weeks for shipping of special order items