



# 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
- Highest quality Cree XPG3 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.

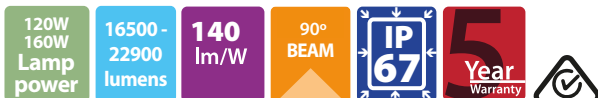
## Specified to suit almost any application

- 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.



# Tiger LED Canopy Lights

120W or 160W ■ Surface Mounted or Recessed

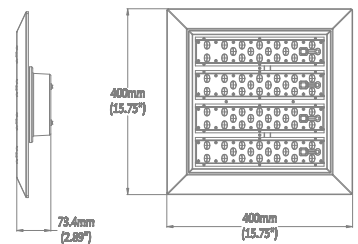
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## RECESSED CANOPY LIGHT - 120W or 160W

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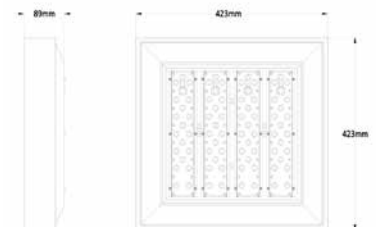


CUT-OUT - 127mm (5in) diameter



## 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.

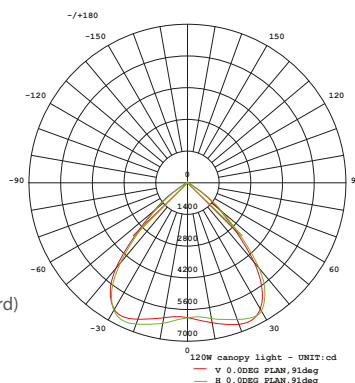


### Photometrics

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 @ 120 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	Cree XPG3 x 72	
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