



# 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.

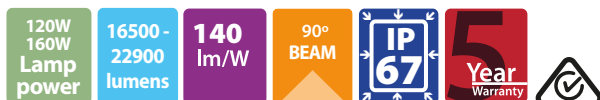
## Specified to suit almost any application

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

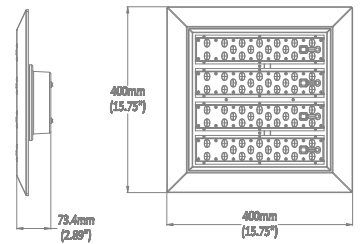
NB SPECIAL ORDER ITEMS - PLEASE ALLOW 7-8 WEEKS FOR DELIVERY

## RECESSED CANOPY LIGHT - 120W or 160W

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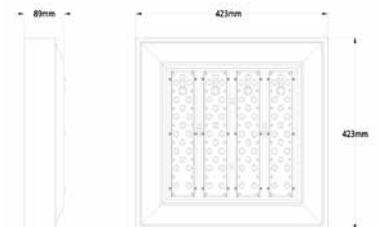


CUT-OUT - 127mm (5in) diameter



## 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.

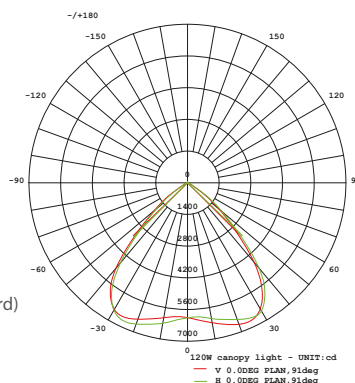


### Photometrics

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 @ 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                          | 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