COOLON

CP96 INDUSTRIAL LED LUMINAIRE

Applications

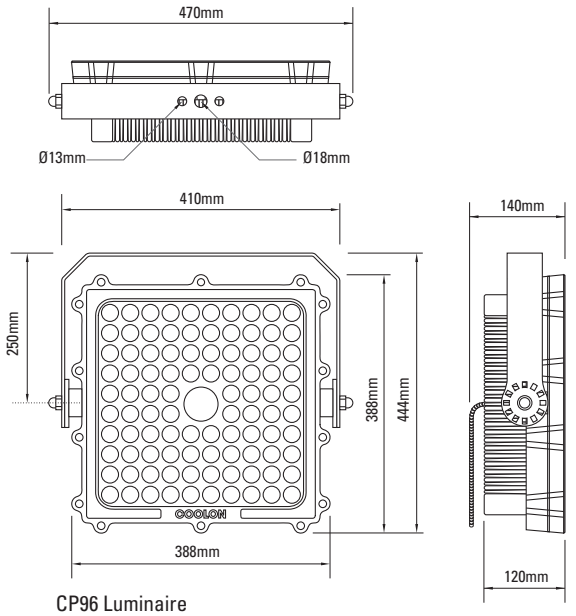
- High Bay
- Flood Light
- Area Lighting

Designed and manufactured in Australia using only the highest quality components, the CP96 High Power LED Luminaire is designed specifically for industrial applications where reliability and performance are paramount.

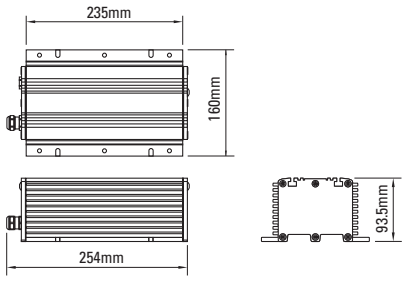
Able to work side by side with people in the harshest of environments and is ideally suited for most situations where bulb maintenance is difficult or impossible.

Every component of the CP96 LED luminaire has been carefully engineered to provide the most reliable performance and bring across many benefits of utilizing solid state lighting technology in industrial applications.

Coolon's range of industrial LED lighting products are backed by a 3 years mananufacturer's warranty.



CP96 Luminaire



Power Supply

Technical Specifications

Part no: PRJ-CP96-XXX

Luminous Flux	8300 - 14000 lm
LED Efficacy	<90lm/w @ 25°C
Power Consumption (including power supply)	230W Max
Power Supply	24VDC 320W
Inrush Current	Cold Start 44A/230VAC
Current Consumption	8.4A Max
Max. Operating Voltage	26VDC
Min. Operating Voltage	23VDC
IP Rating	IP66
Power Factor	>0.9
Body	Aluminium Alloy
Weight*	14.6kg
Angle adjustment	±90° in 30°steps
Mounting Bracket	Steel (Stainless Steel available on request)

*Including mounting bracket, excluding power supply

Luminaire

Package Dimensions	Package Weight
460x420x154mm	15.8kg

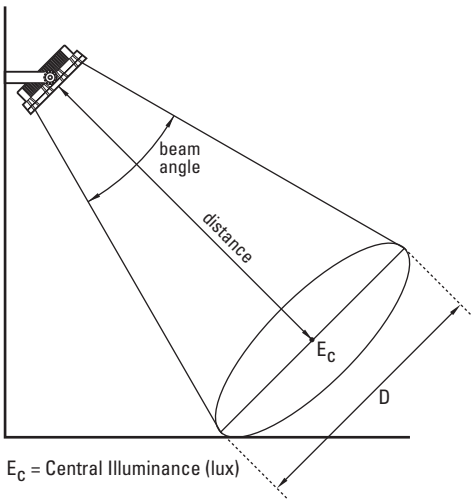
Power Supply

Package Dimensions	Package Weight
320x220x70mm	4.2kg

AUSTRALIAN MADE

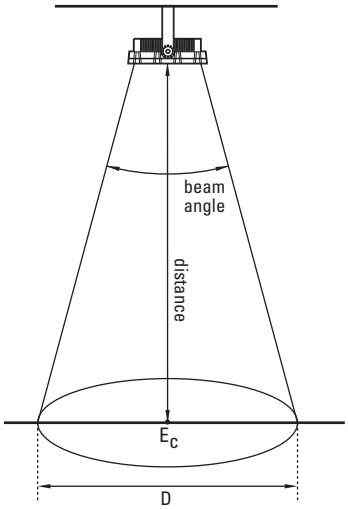
Illuminance at Distance

Application: Flood light



E_c = Central Illuminance (lux)

Application: High bay



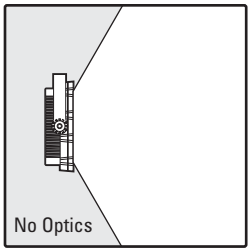
E_c = Central Illuminance (lux)

Ambient Temp. (ºC):	25
Light Meter:	Digitech QM1586
Error Margin:	10%

Note: This data is listed for illustration only. It should not be used for lighting design purposes.

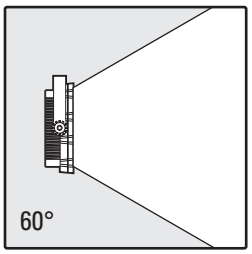
Light test was conducted in the dark room, under an ambient temperature of 25ºC, with non-NATA calibrated light meter.

PRJ-CP96-NOP
Beam Angle: 120°



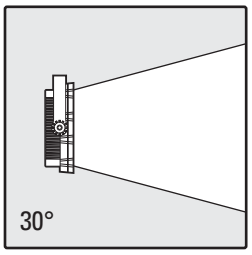
Distance	E_c at Centre (Lux)	D-Effected Diameter (m)
2m	1690	3.4
3m	750	10
5m	270	17
10m	60	34
15m	30	51
20m	10	69

PRJ-CP96-R60 (or PRJ-CP96-L65 depending on availability)
Beam Angle: 60°



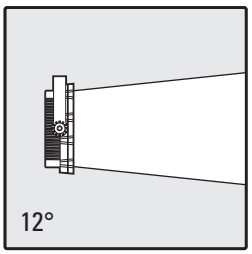
Distance	E_c at Centre (Lux)	Effected Diameter (m)
2m	3460	2.3
3m	1530	3.4
5m	550	6.3
10m	130	11.5
15m	60	17.3
20m	30	23

PRJ-CP96-L30
Beam Angle: 30°



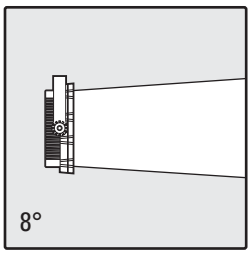
Distance	E_c at Centre (Lux)	Effected Diameter (m)
2m	10120	1.6
3m	4500	2.1
5m	1620	3.2
10m	400	5.9
15m	180	8.5
20m	100	11.2

PRJ-CP96-L12
Beam Angle: 12°



Distance	E_c at Centre (Lux)	Effected Diameter (m)
3m	15970	0.6
5m	5750	1.6
10m	1430	2.6
15m	630	3.7
25m	230	5.8
50m	50	11

PRJ-CP96-L08
Beam Angle: 8°



Distance	E_c at Centre (Lux)	Effected Diameter (m)
3m	22350	0.9
5m	8040	1.2
10m	2010	1.9
15m	890	2.6
25m	320	4
50m	80	7.5

To obtain the latest photometric files, please contact support@coolon.com.au