

CP96 INDUSTRIAL LED LUMINAIRE

Installation Instructions



Wherever possible, we aim to use recyclable packaging product. Please help us to care for the environment by disposing of all recyclable materials appropriately.

CP96 Technical Specifications

Luminaire

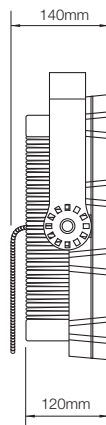
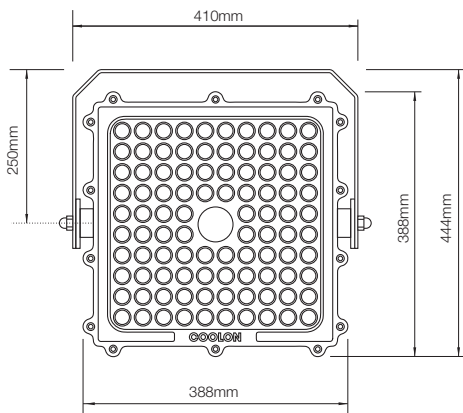
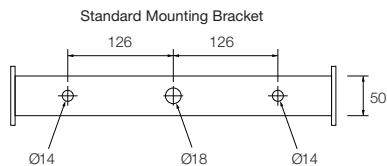
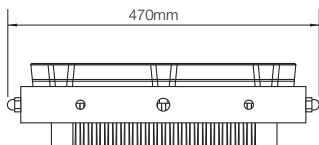
Luminaire Type	XRE	XPG
Luminous Flux	9223-11465 lm	14991-19169 lm
LED	CREE XRE	CREE XPG
Power Consumption (excl. power supply)	Typ. 195W Starting 268W	Typical 212W Start 227W
Operating Voltage Range	22-25VDC	19-34VDC
Operating Temp. Range	-40°C +55°C	
IP Rating	IP66	
Body	Aluminium Alloy, marine grade anodized and coated with limited alkali and acid resistant coating	
LV Cable type	2 core braided with overmolded IP rated Plug. 1.8m long	
Angle Adjustment	±90° in 30° steps	

Power Supply (Optional)

Mains Power Supply	External (Optional)
Full Item Part Number	PWR-CLN-USP350-24
Voltage Range	90-264VAC 127-370VDC
Freq. Range	47-63 Hz
AC Current (Typ.)	4A/115VAC 2A/230VAC
Power Factor	>0.95
Connection via	1.5mm Orange Circular cable 1.8m long

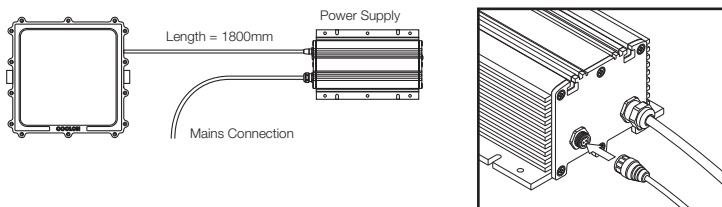
Item Weight

Luminaire	11.9kg
Power Supply	3.2kg
STB Mounting Bracket	2.2kg
FPB Mounting Bracket	4.0kg
MPB Mounting Bracket	9.5kg



CP96 Wiring Diagram

Excessive force, in any direction, must not be placed on the cable.



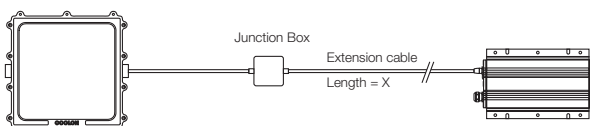
Cable Extensions

All CP96 luminaires are supplied with a cable of set length (1.8m).

It is recommended that the power supply is located in an easy to access location.

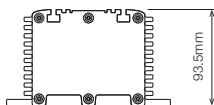
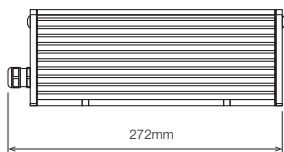
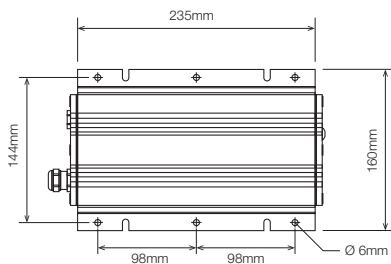
If the length of the cable is insufficient, it can be extended by the installer.

Please see the diagram below.



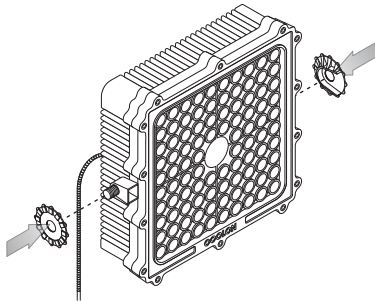
Maximum length of the extension cable is determined by the loop impedance of the cable selected. It should not exceed 0.12 Ω (on X).

Please note: Junction box and extension cables are not included.

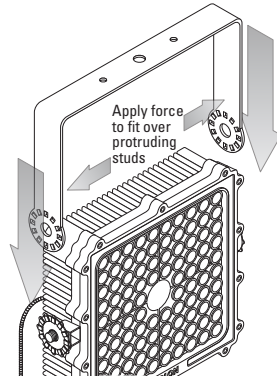


Mounting Bracket Installation Instructions

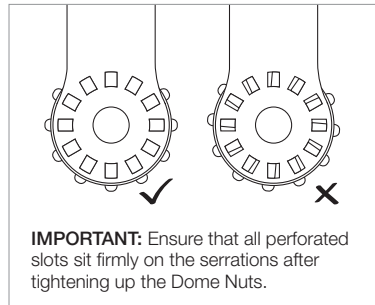
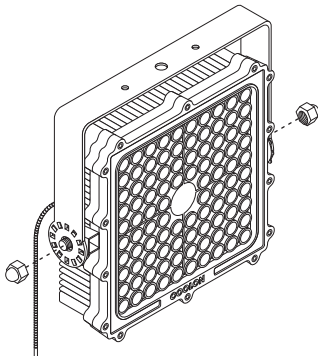
Step 1 Install Arm Locks onto protruding studs on both sides of the housing as shown below.



Step 2 Apply necessary force to open the bracket in order to fit over the properly positioned Arm Locks.



Step 3 Align perforated slots in Mounting Bracket against corresponding serrations in the Arm Locks, then tighten the Nut. Ensure that all the perforated slots sit firmly on the serration after tightening up the nuts. Recommended tightening torque is 40 Nm.



IMPORTANT: Ensure that all perforated slots sit firmly on the serrations after tightening up the Dome Nuts.

Please use Loctite® 243™ retaining compound (not included) to secure the dome nut.