

CHALLENGER CLS

Vapor Tight LED Batten



Applications: Parking garages, industrial facilities, retail stores, garden centers, food services, airports

PERFORMANCE SUMMARY

The Challenger CLS vapor tight series from Sunled Industries is cost-efficient, wet-location listed and designed specifically for demanding environments.

It's multitude of sizes from 2 to 8ft and emergency options establish the CLS LED vapor tight fixture as an inexpensive solution for outdoor venues, canopies, locker rooms, passageways and under eave applications

Features

- Injection moulded UV stabilised vandal cover with high mechanical stress rating for challenging applications
- IP66 wet location listed withstanding dust and dirt environment
- Easy to install tool less access to lens and driver compartment
- 40°F suitable for installation in cold storage areas
- Factory fitted emergency battery backup available
- Premium operating efficiency of 130Lm/w
- DLC Premium qualified product
- Everyday illumination at the lowest possible price
- Easy to install tool less access to lens and driver compartment
- Quickfit bracket or optional suspension kit for simple installation

Specification

Volts: AC100-277V
 Average Rated Life: L80/50,000hrs
 CRI: RA80
 Beam Angle: 120°
 Environment Location: IP66
 Impact Rating: IK08
 Ambient Temp: -40°F to 122°F
 Emergency: 8W/90min

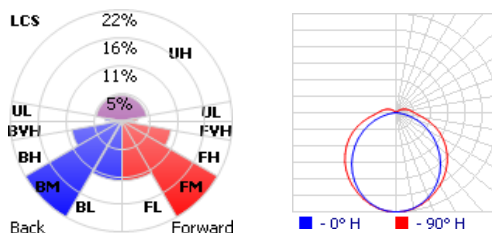
PRODUCT CODE

Example Challenger CLS cat. 2.24.3.PC.SS.0

Model No	Length	Wattage (W)	CCT (°K)	Accessories	Mounting	Control
Challenger CLS	2 - 2ft	24 - 24W/3,120lm	3 - 3000	PC - Polycarbonate Clips	S - Surface	MS - Internal Motion Sensor
	4 - 4ft	30 - 30W/3,900lm	4 - 4000	ST - Stainless Steel Clips	SS - Suspended	EM1 - 8W Emergency Backup
		40 - 40W/5,200lm	5 - 5000			EM2 - 25W Emergency Backup
	5 - 5ft	60 - 60W/7,800lm	6 - 6000			0 - None
	6 - 6ft	60 - 60W/7,800lm	60 - 60W/7,800lm			
80 - 80W/10,400lm						
100 - 100W/13,000lm						



PHOTOMETRICS



OPTIONS



PC
Polycarbonate Clips



SS
Stainless Steel



MS
Internal Motion Sensor

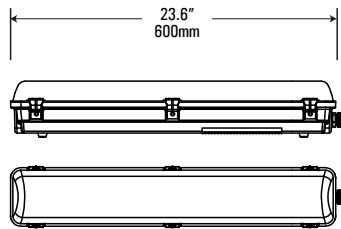


CHALLENGER CLS

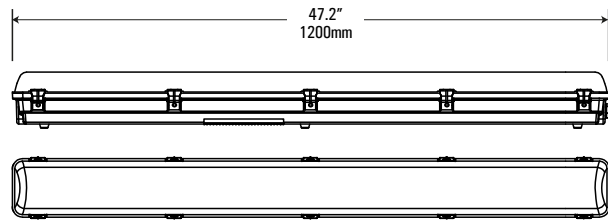
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DIMENSIONS

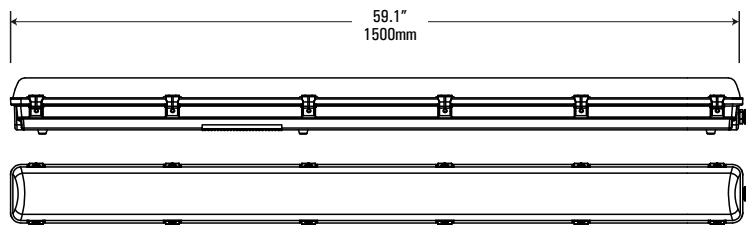
2' Bar



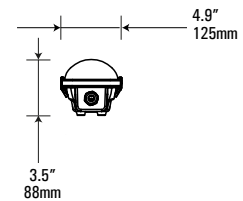
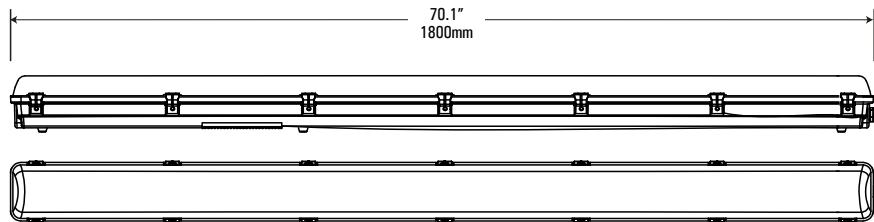
4' Bar



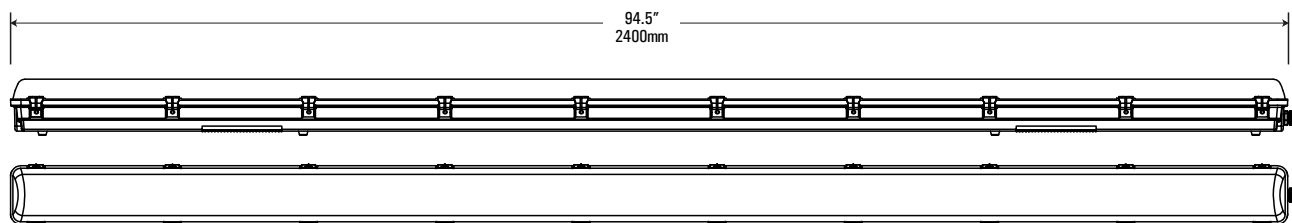
5' Bar



6' Bar



8' Bar

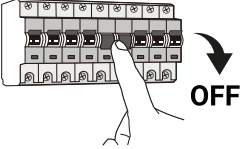


CHALLENGER CLS

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INSTALLATION

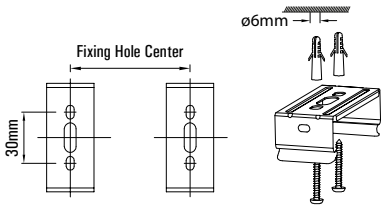
A



B

- 1 Drill $\Phi 6\text{mm}$ holes as shown on the drawing
- 2 Insert $\Phi 6\text{mm}$ expansion pipe in the wall, fix the mounting bracket by M4 screw

Length	Power	Fixing Center
2ft	24W	380mm
4ft	30-40W	730mm
6ft	60W	980mm
8ft	60-100W	1530mm

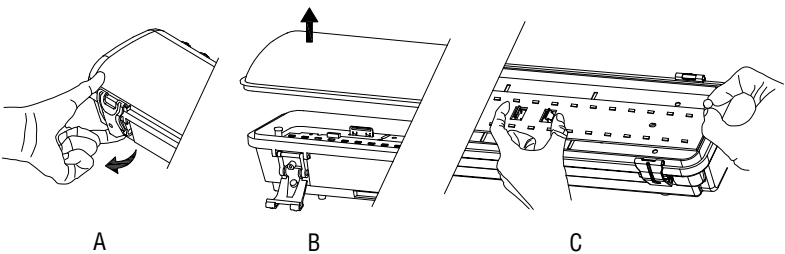


Safety Notice

- 1 Electrical installation should be done by a qualified electrician only
- 2 Disconnect the luminaire from and supply and wait until the luminaire cools down before replacing the driver
- 3 Never touch the lamp while luminaire is switched on
- 4 In any case of malfunction disconnect luminaire from supply immediately, and call a qualified electrician

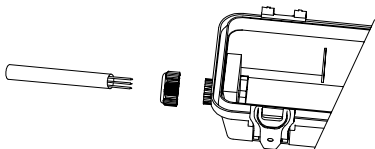
C

- A Open the clips
- B Remove the diffuser
- C Hold the stainless fixator, remove the gear tray

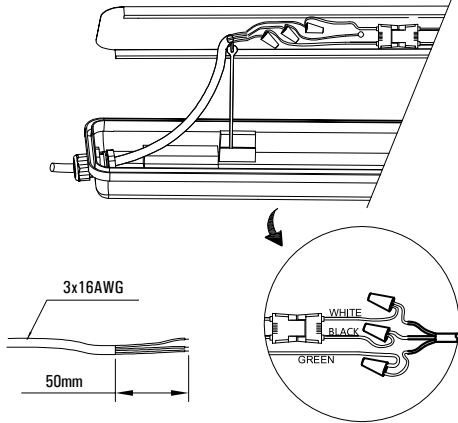


D

- 1 Loosen cable gland tightening nut, insert the cable through the gland



- 2 Connect the cable on the terminal block as below and tighten the cable gland



3x16AWG
50mm

E

- 1 Fix light to the ceiling

