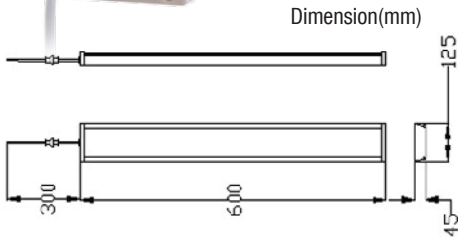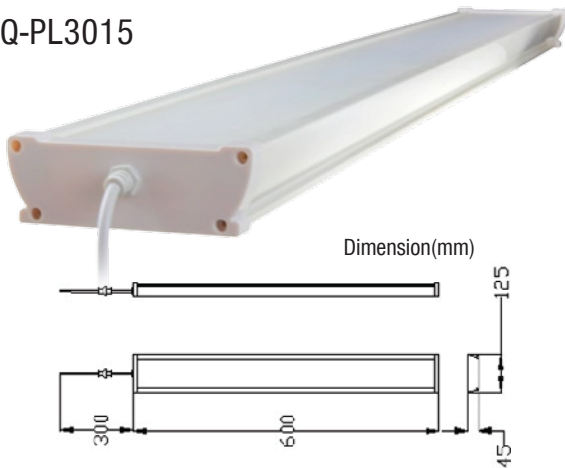# powersave
SOLUTIONS LTD

Qlamp Tri-proof LED light 15W

Q-PL3015

Dimension(mm)
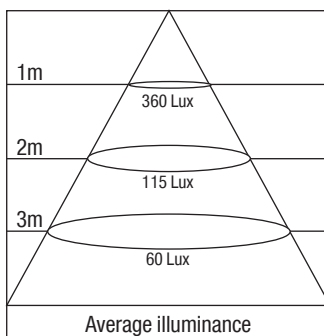
DESCRIPTION:

Introduction:

The tri-proof means water-proof, dust-proof, corrosion-proof. And this can be achieved by anti-oxidation and Anticorrosion materials and the silicon seals. The circuit control board is also deal with the three protection process. According to the weakness of the electrical seal box dissipation capacity, the special temperature control working circuit is used to reduce the working temperature of the power inverter and hence the isolation of the strong current. The double insulation of the connector clip makes sure the safety of the circuit. Still, the Nano coating of the lamps case eliminate the dust and water entry.

Applications:

The tri-proof light is widely used in industry environment with strong corrosivity, heavy dust and rainy, such as the power plant, iron and steel plant, petrochemical plants, ship yard, stadium and farms etc.

Features:

Energy conversation: high energy efficiency light source service more than 20,000 hours, which can achieve constant current output, greatly improve the long life span. Professional design: integrated streamline tube structure makes the light more even and soft, match well with all high tents place. The internal light used anti seismic materials and damping structure to keep its long time working on various high frequency and strong vibrations places. IP grade: waterproof IP65, anticorrosion WF2, good water and duck resistance. Low temperature and good heat dissipation of the whole lamp can reduce the error probability. The humanization design with environment color of it is a perfect combination of natural landscapes and as a whole.

TECHNICAL SPECIFICATION		
Model No.		Q-PL3015
Input Voltage		AC90V-265V
Power frequency		50Hz~60Hz
Total harmonic distortion		≤9%
Power Factor		>0.9
Operation voltage		DC72-80V
Quantity of LEDs		168PCS
LED power consumption		13W
System power consumption		15W+-10%
LED luminous efficiency		80-90LM/W
LED luminous flux	Warm white	1050LM
TC 25°C / 30minutes lighted time	Natural white	1150LM
	Cold white	1300LM
Uniformity of illuminance		>90%
Illuminance uniformity		>0.8
Color temperature	Warm white	2700-3200K
	Natural white	3900-4500K
	Cold white	5000-6500K
Color rendering index	Warm white	Ra > 80
	Natural/Cold white	Ra > 80
Distribution curve flux		symmetry/circular spot
Light design		LED +Optics Diffuser plate
LED node temperature		≤ 80°C
Operation ambient temperature		-40°C-+50°C
Storage temperature		-40°C-+65°C
IP rating		IP65
Service life of light source		>25,000H
Power cables	Brown	L(Live wire)
	Blue	N(Null)
Power supply fixation		build-in power supply
Certificates		CE, RoHS
Beam angle		120 degree

1m — 360 Lux
2m — 115 Lux
3m — 60 Lux

Average illuminance

Optional Grill as accessory code Q-GR27

powered by LAMP