



Characteristics

1. With the unique light distribution design, make the light well distributed. Its beam angel can reach 220°. It efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
2. Indian LokoZo make LED driver, high efficiency, more stable performance.
3. The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
4. The lamp is made to the highest explosion proof protection grade: flame proof, so that ensure the lamp can safely used in all kinds of inflammable and explosive places.
5. The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof , make the lamp an excellent option for all kinds of high stress environment.
6. 18-43VAC or 18-55VDC is optional for 25W and 40W as customer's requirement.

TECHNICAL SPECIFICATIONS

Correlated Color Temperature	5800K
Color Rendering Index	>80
Beam Angle	120°
PF	>0.9
Screw Thread	G3/4"
Insulation Grade	I
Spacing height ratio	3.5
Weight	2.3 Kg

ELECTRICAL SUPPLY

Frequency (Hz)	50-60 Hz
Mains voltage (VAC)	220-240 VAC

APPLICATION CONDITIONS

Operating Temperature range -40°C to +60°C

MATERIAL PROPERTIES

Optical Material	Polycarbonate diffuser
Housing	Aluminium alloy LM6 to BS 1490
Anti corrosion grade	WF2



APPLICATION

Ideal to be used in the oilfield, petrochemical industry, steel industry, power, petrochemical, Petroleum etc.

Harsh environment, moist area.

Gas explosive environment : Group I, II, III, IIC

Zone 1, Zone2; Zone 21, Zone 22

Temperature class: T1 to T6

ORDER CODE

15-ZWW1X3-40
15-ZWW1X3-50
15-ZWW1X3-60

PART NO

CASTOR-ZWW1X3-40
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POWER (WATT)

40W
50W
60W