



OZ-EXHB-01

Electrical data

Model	OZ-EXHB-01
Operating Frequency	Ac85-305 V, 50/60Hz
Power Factor λ	>0.95
Efficiency In %	>92%
Start time(0.2s/0.5s/...	0.1S
Warm-up time to 60%	0.5S
Driver	Meanwell
Corrosion Proof	WF2
Source	Cree

Material & Protection

Protection	IP66
Impact protection	IK10
Installation	Multiple
Material	Aluminum Die-Cast ADC12

Photometric Data

Color Temperature - CCT	3000K, 4000K, 6000K
Color Rendering Index	>70
Sdcm	<5
Beam Angle	

Life Span

Rated Nominal Life time	50,000 hrs.
Switching cycle	100,000 times
Led Device life time	L80/B10 @ 50,000H

Luminous

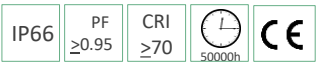
	130Lm/w
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Temperature

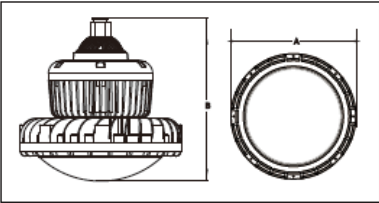
Operating temperature	-40~+50c
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Options

	Microwave Motion Sensor, Dali, 0/1-10V
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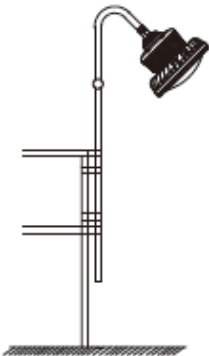
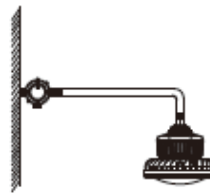
Item Ref	Power	Luminous flux	Source	Corrosion-proof	P.F	CRI	Size-mm
OZ-EXHB-01-60	60 watt	7800Lm	Cree	WF2	≥ 0.95	>70	325x315
OZ-EXHB-01-80	80 watt	10400 Lm	Cree	WF2	≥ 0.95	>70	325x315
OZ-EXHB-01-100	100 watt	13000 Lm	Cree	WF2	≥ 0.95	>70	325x315
OZ-EXHB-01-120	120 watt	15600 Lm	Cree	WF2	≥ 0.95	>70	325x315
OZ-EXHB-01-150	150 watt	19500 Lm	Cree	WF2	≥ 0.95	>70	325x315



OZ-EXHB-01



Installation



Application

Flammable and explosive chemical materials Factory, Parking and Storage

Features

Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and IIA, IIB, IIC explosive gas atmosphere.

Standard

The drawings, technical documents and the samples are verified and certified according to standards for safety as below:

EN60079-0-2010 explosive atmospheres Part 1: Equipment-General requirements

EN60079-0-2010 explosive atmospheres Part 3: Equipment protection by increased safety "e"

EN60079-18-2004 Electrical apparatus for explosive gas atmosphere 9: Encapsulation