

Hazardous / Explosion Proof LED Luminaires

Date:..... Location:

Product:.....Project:.....

Quantity:..... Catalog#

FEATURES

- Hazardous location explosion proof design, IP68 rated
- Class I Division 2 , C2D1,C2D2, C3 Group A B C D E F G.
- Corrosion and rust proof, PCB Heat Index 2.0
- 50,000 hours life time, MW HLG DRIVER, DLC PREMIUM

SUITABLE APPLICATIONS

Application in Zone1 & Zone2 gas Hazardous environment and Zone21 & Zone22 dust environment

- Gas station
- Petroleum
- Chemical industries,
- Coal mine
- Military Port
- Marine



CONSTRUCTION:

Heavy die-cast aluminum alloy housing with Grey Powder-coated finish. Tempered Glass lens.

ELECTRICAL:

Available as 120-277V input. -20°C to 50°C.

OPTICAL SYSTEM:

Lumileds 3030LED chips. High quality tempered glass optics.120° beam angle.

INSTALLATION&MOUNTING:

Wall U bracket or conduit thread pendant Mounting, thread pipe available upon request.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
CES-J100W	0.9	100W	0.83A	0.36A	130LM/W	5000K
CES-J200W	0.9	200W	1.66A	0.72A	130LM/W	5000K

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Electric Characteristic

Specification/Model	CES-J100W	CES-J200W
LED DRIVER	UL listed MEANWELLHLG Brand	
Input power	100W	200W
Lumens output	13000LM	26000LM
Efficiency	130LM/W	130LM/W
CRI	>72	>72
Color Temperature	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC
Light distribution type	120D	120D
Working temperature	-20+45°C	-20+45°C
Junction temperature	<75°C	<75°C
lamps efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	200-400WMH/HPS	400-600WMH/HPS

PRODUCT ORDERING GUIDE

CES-J100W
1 2

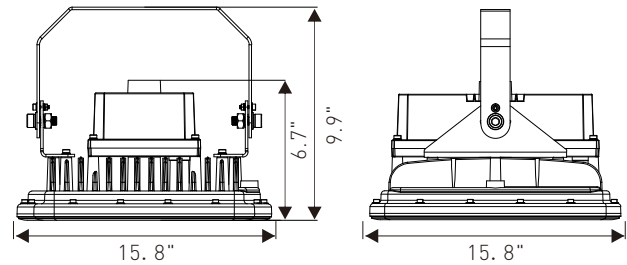
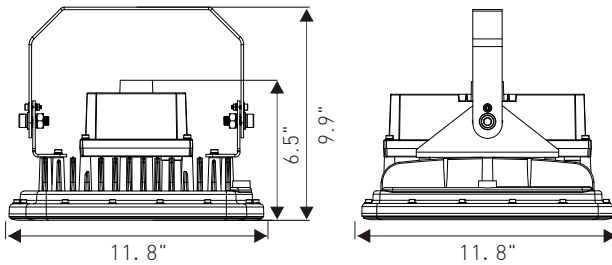
CES - J100W

CES

J100W Power 100W

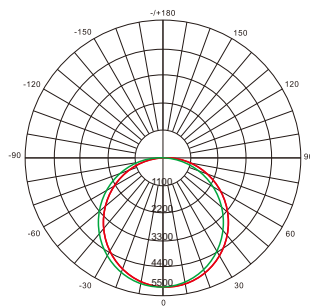
J200W Power 200W

DIMENSION



DISTRIBUTION DIAGRAM

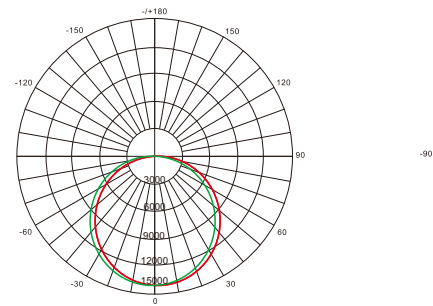
CES-J100W



AVERAGE BEAM ANGLE(50%): 111.1°

UNIT:CD
 Test Number:LSCES-J100W
 Lumens:13000LM
 Test Number:100W
 Test Number:5000K
 - C0/180,112.9
 - C30/210,111.5
 - C60/240,109.7
 - C90/270,110.1

CES-J200W



AVERAGE BEAM ANGLE(50%): 112.9°

UNIT:CD
 Test Number:LSCES-J200W
 Lumens:26000LM
 Test Number:200W
 Test Number:5000K
 - C0/180,114.5
 - C30/210,112.2
 - C60/240,111.6
 - C90/270,113.3