

Intrinsic Safe, Reliable Lighting Source



EVE® C Series Explosion Proof LED Area Light Fixture

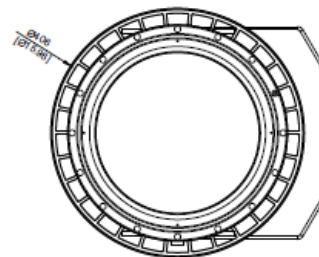
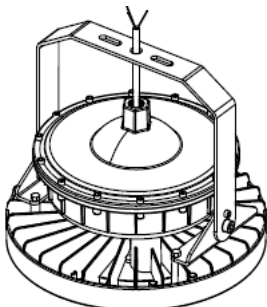
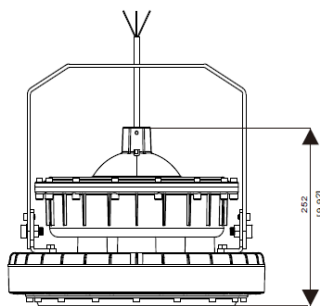
Certification

Rating (UL844)	Class I Division1, Group C,D Class I Division2, Group A,B,C,D Class II Division 1&2 Group E,F,G Class III
Rating (ATEX)	II2 G Ex db IIBT6 Gb IID Ex db IIIC T80 Gb IP66
Rating (IECEX)	Ex db IIB T6 Gb Ex db IIIC T80 Gb IP66
Other Rating	IP 66, IK10



Key Features

- High quality SMT LED and Meanwell driver
- Light-weight designed by aircraft aluminum
- Heavy-duty and high impact resistance, vibration-resistant solid state luminaires have no filaments or glass components that could break.
- Three connection cable entry points
- Replaceable LED board and drivers
- Integrated junction box for driver
- Marine rating powder coated appearance treatment
- Easy installation – compact modular fixture attaches onto existing Champ mounting module
- Up to 140 Lumen per watt

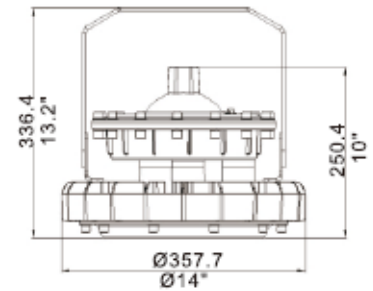


EVE® C Series 60W & 80W Models

Dimensions [unit in inches]

Temperature Performance Data	Ambient temp. °C	Class I, Div.1 Group C,D	Class I, Div.2 Group A,B,C,D	Class II, Div.1 Group E,F,G	Class II, Div.2 Group F, G	Class III
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EX-60WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-60WCN50D12048M	60°C	T4	T4	T4	T4	T4
EX-80WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-80WCN50D12048M	60°C	T4	T4	T4	T4	T4



Electrical Rating	EX-60WCN50D12027M	EX-60WCN50D12048M	EX-80WCN50D12027M	EX-80WCN50D12048M
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Voltage range, UN (VAC 50/60Hz)	100-277V	200-480V	100-277V	200-480V
Drivers (27M option /48M option)	Meanwell HLG-60H-48	Meanwell HVG-65-48	Meanwell HLG-80H-48	Meanwell HVG-100-48
Input power (watts)	60W	60W	80W	80W
Input amps at VAC	0.10-0.36	0.05-0.21	0.15-0.54	0.31-0.75
Power Factor	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%
Lumen Output	8400	8400	11200	11200
Equivalent HID luminaire	150W-175W	150W-175W	250W-350W	250W-350W

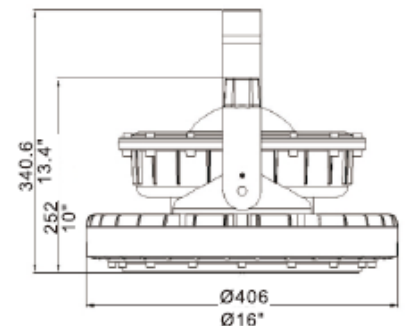
EVE® C Series 100W & 150W Models

Dimensions [unit in inches]

Temperature Performance Data	Ambient temp. °C	Class I, Div.1 Group C,D	Class I, Div.2 Group A,B,C,D	Class II, Div.1 Group E,F,G	Class II, Div.2 Group F, G	Class III
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EX-100WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-100WCN50D12048M	60°C	T4	T4	T4	T4	T4
EX-150WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-150WCN50D12048M	60°C	T4	T4	T4	T4	T4

Electrical Rating	EX-100WCN50D12027M	EX-100WCN50D12048M	EX-150WCN50D12027M	EX-150WCN50D12048M
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Voltage range, UN (VAC 50/60Hz)	100-277V	200-480V	100-277V	200-480V
Drivers (27M option /48M option)	Meanwell HLG-100H-48	Meanwell HVG-100-48	Meanwell HLG-150H-48	Meanwell HVG-150-48
Input power (watts)	100W	100W	150W	150W
Input amps at VAC	0.10-0.36	0.05-0.21	0.15-0.54	0.31-0.75
Power Factor	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%
Lumen Output	14000	14000	21000	21000
Equivalent HID luminaire	400W	400W	600W-800W	600W-800W

EVE® C Series 200W & 240W Models

Dimensions [unit in inches]

Temperature
Performance
Data

Ambient
temp. °C

Class
I,
Div.1
Group
C,D

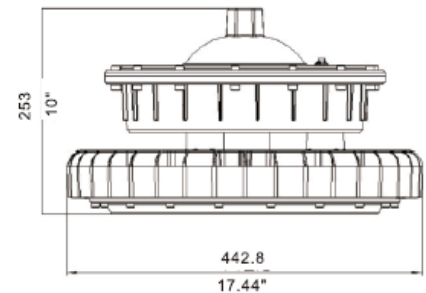
Class I,
Div.2
Group
A,B,C,D

Class II,
Div.1
Group
E,F,G

Class II,
Div.2
Group
F, G

Class III

EX-200WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-200WCN50D12048M	60°C	T4	T4	T4	T4	T4
EX-240WCN50D12027M	60°C	T4	T4	T4	T4	T4
EX-240WCN50D12048M	60°C	T4	T4	T4	T4	T4



Electrical Rating

EX-200WCN50D12027M

EX-200WCN50D12048M

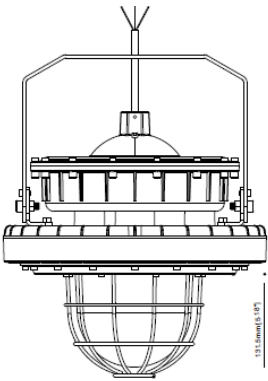
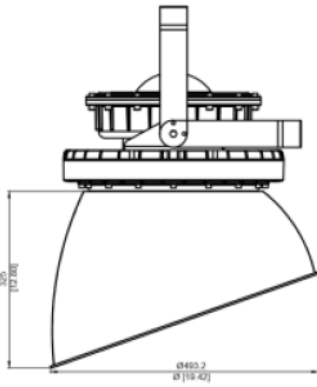
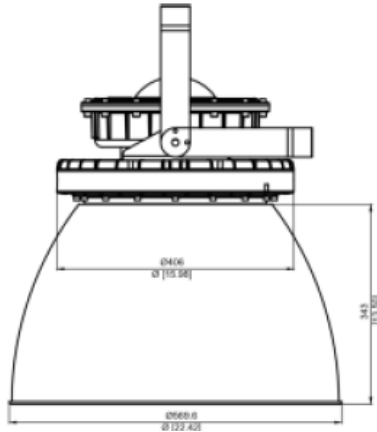
EX-240WCN50D12027M

EX-240WCN50D12048M

Voltage range, UN (VAC 50/60Hz)	100-277V	200-480V	100-277V	200-480V
Drivers (27M option /48M option)	Meanwell HLG-240H-48	Meanwell HVG-240-48	Meanwell HLG-240H-48	Meanwell HVG-240-48
Input power (watts)	200W	200W	240W	240W
Input amps at VAC	0.72-2	0.42-0.72	0.87-2.4	0.5-0.87
Power Factor	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%
Lumen Output	28000	28000	33600	33600
Equivalent HID luminaire	800W-1000W	800W-1000W	1000W +	1000W +

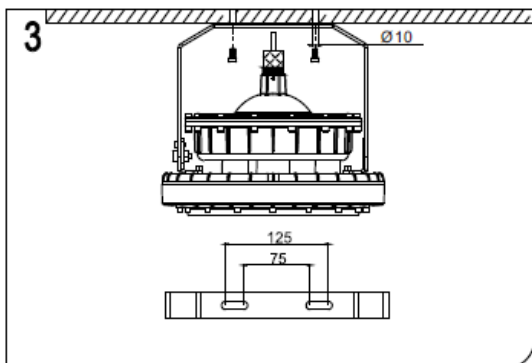
EVE® C Series Optional Accessories

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Optical Assembly Options			
Order Code	TG	R1	R2
Description	Thermal shock-resistant globe + cast aluminum guard	30° Angle reflector	Standard Dome
Available on	All Models	All Models	All Models

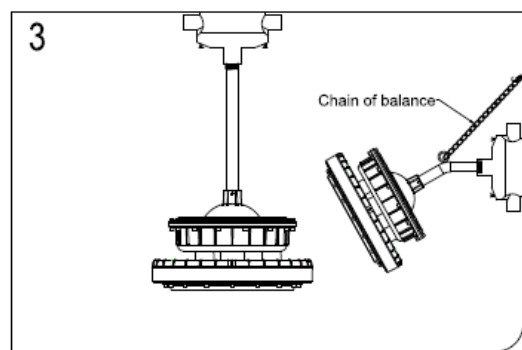
EVE® C Series Mounting Accessories

a. Ceiling Mount



3. Drill 2x holes as fig.3, the distance can be 75~125mm fixing Ø10mm expanded screws and bracket on ceiling.

b. Pole Mount



3. Install the installation box to the wall or ceiling as Fig.3. Tighten the pole to the box, and adjust the chain of balance.

c. Hook Mount

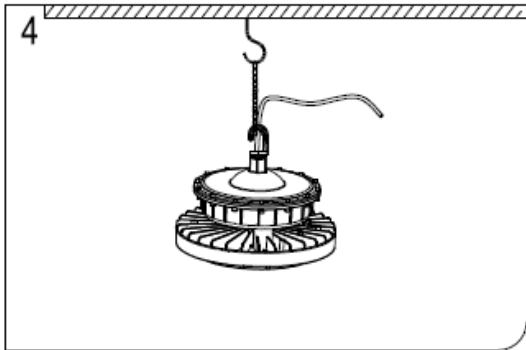
d. Wall Mount



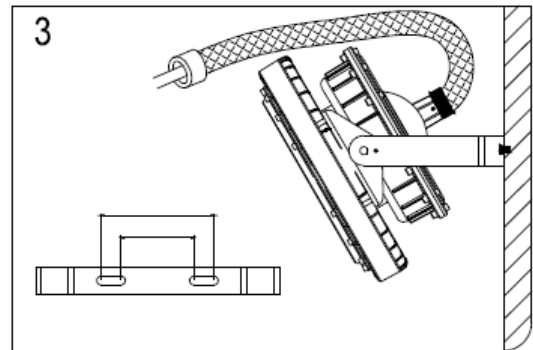
JAMES

Industrial Supply Products

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4. Hang the fixture to the hook as above, connect the AC cable, Black cable connect to L, white cable joins to N, green cable connect to grounding.



3. Drill 2x holes as fig.3, the distance can be 91~140mm fixing Ø10mm expanded screws and bracket on wall.

Warranty

The manufacturer warrants this product to be free from defects in workmanship and materials, under normal residential use and conditions, for a period of five (5) year for the original invoice date. The manufacturer agrees, at its option during the warranty period, to return or replace the defective products without charge. Such repair or replacement is subject to picture verification of the defect or malfunction and proof of purchase as confirmed by showing the model number on original dated sales receipt.