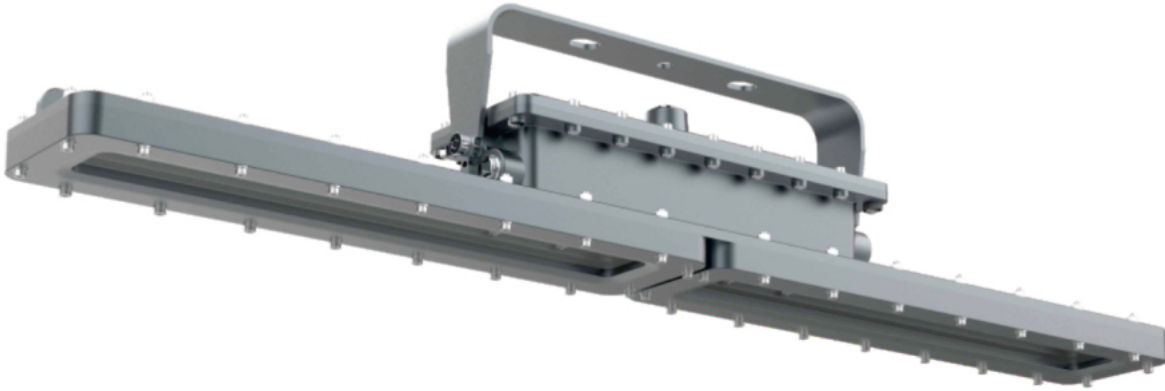


I Series Explosion Proof LED Linear Light Fixture



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 IIBT4 Gb IID Ex db IIIC T63.5 Gb IP66
Rating (IECEX)	Ex db IIB T4 Gb Ex db IIIC T63.5 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

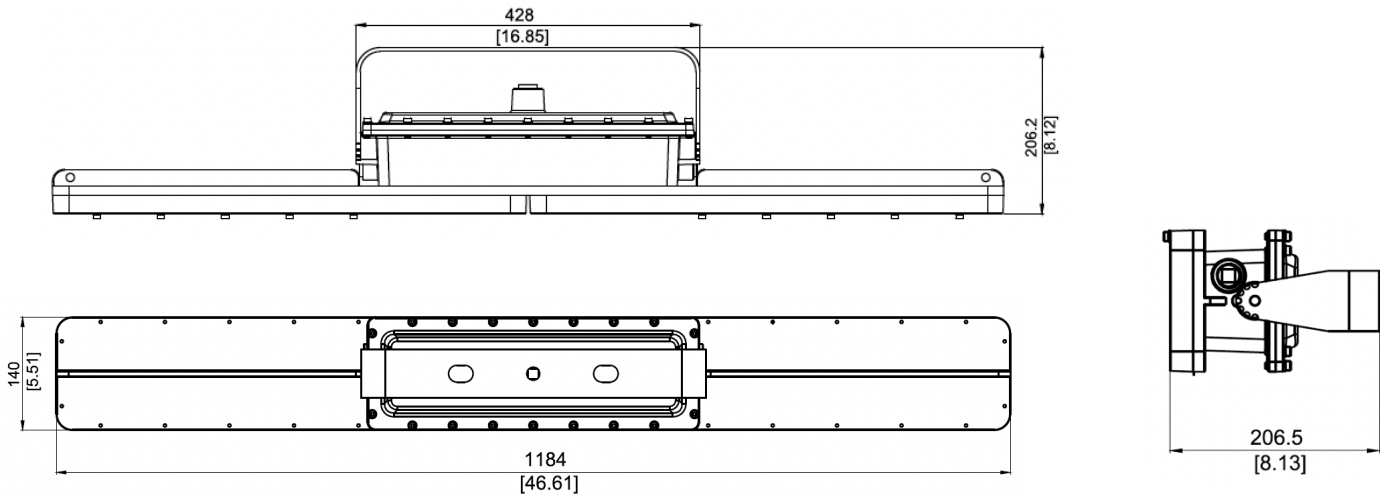


JAMES

Industrial Supply Products

Intrinsic Safe, Reliable Lighting Source

EVE® I Series Models Dimension



Dimensions [unit in cm/inches]

EVE® I Series Models Specification

[100-277V Model]

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-60W I4YZDA	60°C	T4	T4	T4	T4	T4
EX-80W I4YZDA	60°C	T4	T4	T4	T4	T4
EX-100W I4YZDA	60°C	T4	T4	T4	T4	T4
EX-120W I4YZDA	60°C	T4	T4	T4	T4	T4

Electrical Rating	EX-60W I4YZDA	EX-80W I4YZDA	EX-100W I4YZDA	EX-120W I4YZDA
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Voltage range, UN (VAC 50/60Hz)	100-277V	100-277V	100-277V	100-277V
Drivers (27M option)	Meanwell HLG-60H-48	Meanwell HLG-80-48	Meanwell HLG-100H-48	Meanwell HLG-1500-48
Input power (watts)	60W	80W	100W	120W
Input amps at VAC (Amp)	0.22-0.60	0.28-0.80	0.36-1.00	0.43-1.2
Power Factor	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%
Lumen Output	8400	11200	14000	16800
Equivalent HID luminaire	150W-175W	150W-175W	250W-350W	250W-350W

EVE® I Series Models Specification

[277-480V Model]

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-60W I4YZDA 48M	60°C	T4	T4	T4	T4	T4
EX-80W I4YZDA 48M	60°C	T4	T4	T4	T4	T4
EX-100W I4YZDA 48M	60°C	T4	T4	T4	T4	T4
EX-120W I4YZDA 48M	60°C	T4	T4	T4	T4	T4

Electrical Rating	EX-60W I4YZDA 48M	EX-80W I4YZDA 48M	EX-100W I4YZDA 48M	EX-120W I4YZDA 48M
Voltage range, UN (VAC 50/60Hz)	200-480V	200-480V	200-480V	200-480V
Drivers (27M option)	Meanwell HVG-60H-48	Meanwell HVG-80-48	Meanwell HVG-100H-48	Meanwell HVG-1500-48
Input power (watts)	60W	80W	100W	120W
Input amps at VAC (Amp)	0.13-0.30	0.17-0.40	0.21-0.50	0.25-0.60
Power Factor	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%
Lumen Output	8400	11200	14000	16800
Equivalent HID luminaire	150W-175W	150W-175W	250W-350W	250W-350W

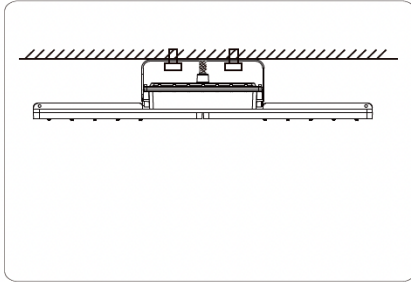
EVE® I Series Mounting Accessories

Optical Assembly Options			
Order Code	Ex-Junction01	EX-Hook	Ex-Conduit01
Description	Explosion Proof Junction Box	Installation Hook	Metal Conduit
Available on	All Models	All Models	All Models
			
Order Code	EX-SPipe	Ex-D01	Ex-PCH
Description	Winding Swing Pipe	Pendant Direction Adapter	Pendant Chain
Available on	All Models	All Models	All Models

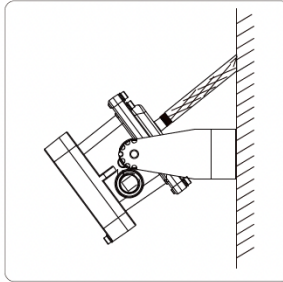
EVE® I Series Mounting Instruction

Mounting Methods:

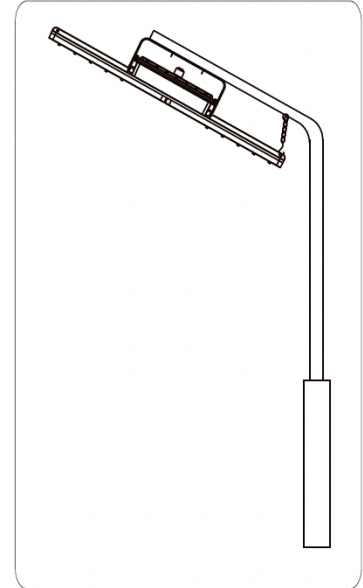
◆ Ceiling Mounting:



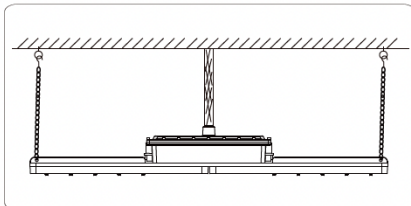
◆ Wall Mounting:



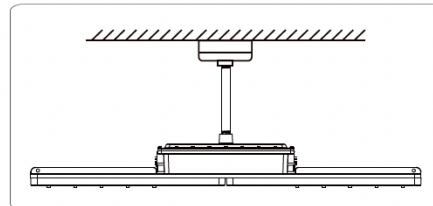
◆ Pole Bracket Mounting:



◆ Chain Mounting:



◆ Pole Pendant Mounting:



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.