

Catalog #	
Project:	
Type:	Date:
Notes:	

LED Explosion Proof - H & I Series



Key Features

- High quality SMT LED & Meanwell Driver
- Lightweight construction using aircraft-grade aluminum with a marine-rated, powder-coated finish for superior durability, corrosion & high impact resistance
- Three connection cable entry points
- Replaceable LED board & drivers
- Integrated junction box for driver with emergency back up
- Dimmable & battery back up function available
- Emergency battery back up to three hours
- Various installation ways for different applications
- Glass lens or Glass with polycarbonate lens to make bigger beam angle

Materials

- Housing: Aluminum
- Lens: Tempered Glass
- Hardware: Stainless Steel
- Mounting Bracket: Stainless Steel

Explosion Protection

Marking UL844(North American)

Class I, Division 1, Groups C, D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III

Marking Marine

UL1598, UL1598A

ABS

Other Rating

IP 66
IK10

Applications

Oil & Gas Industry

- Petroleum production & refining
- Petroleum loading, transportation, storage & retail
- LNG industry
- Mining operations & service

Chemical Industry

- Paint facilities
- Chemical production & storage

Ocean, Marine & Aerospace Field

- Ocean platform operation facilities & structure
- Aerospace clean room & production
- Ocean vessel operations

Metal Treatment

- Steel & aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry & fabrication

Food & Alcohol Industry

- Flour & fine particle production & storage
- Alcohol, food & distilling production

Other high humidity, high dust, high temperature, vapor locations

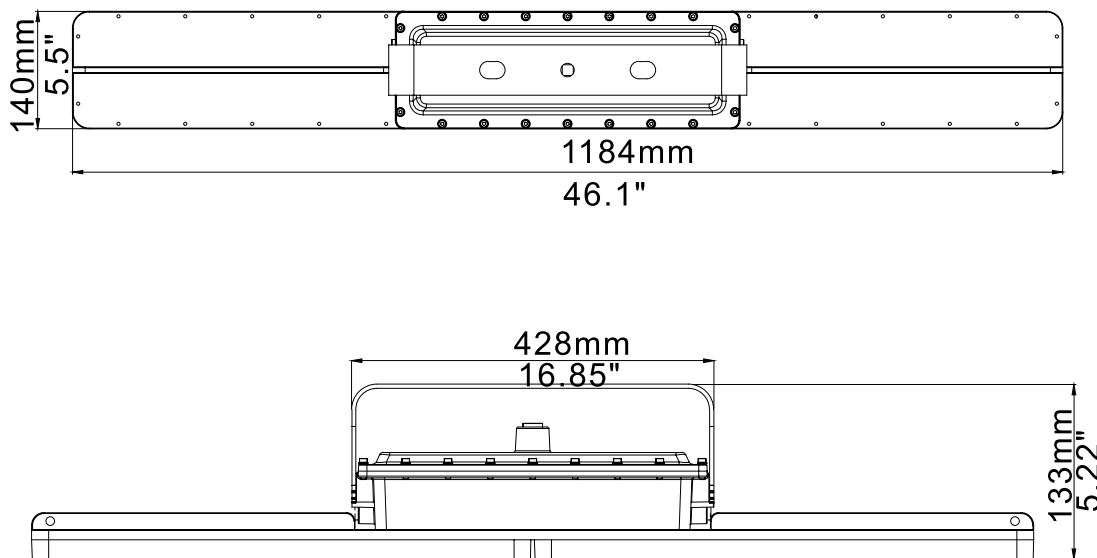
SPECIFICATIONS

Model Number	Wattage	Lumens	CT	Voltage	CRI	Emergency Time (Optional)
ML-40W-H4N50D120	40W	5400	5K	100-277V	>70	3 Hours
ML-60W-H4N50D120	60W	8100				
ML-80W-H4N50D120	80W	10,800				
ML-40W-I4N50P120	40W	5400				
ML-60W-I4N50P120	60W	8100				
ML-80W-I4N50P120	80W	10,800				

LIGHT DISTRIBUTION

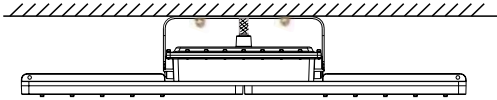
40D				60D				90D				120D			
Center Beam fc		Beam Width		Center Beam fc		Beam Width		Center Beam fc		Beam Width		Center Beam fc		Beam Width	
4ft	2008fc	4ft	4ft	4ft	1434fc	6ft	5ft	4ft	1024fc	8ft	8ft	4ft	683fc	11ft	11ft
8ft	480fc	7ft	7ft	8ft	343fc	11ft	11ft	8ft	255fc	15ft	16ft	8ft	170fc	21ft	22ft
12ft	203fc	11ft	11ft	12ft	145fc	17ft	14ft	12ft	105fc	24ft	26ft	12ft	73fc	32ft	33ft
16ft	115fc	15ft	16ft	16ft	81fc	22ft	23ft	16ft	58fc	32ft	33ft	16ft	39fc	43ft	45ft
20ft	98fc	19ft	23ft	20ft	69fc	27ft	31ft	20ft	39fc	39ft	45ft	20ft	26fc	53ft	56ft
■ Vert, Spread; 40° ■ Horiz, Spread; 40°				■ Vert, Spread; 60° ■ Horiz, Spread; 60°				■ Vert, Spread; 90° ■ Horiz, Spread; 90°				■ Vert, Spread; 120° ■ Horiz, Spread; 120°			

DIMENSIONS

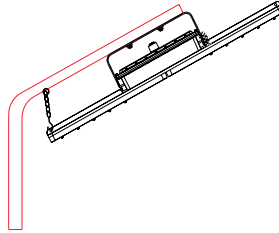


MOUNTING OPTIONS

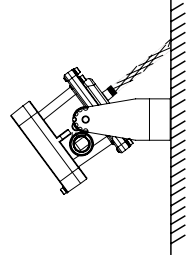
Ceiling Mount



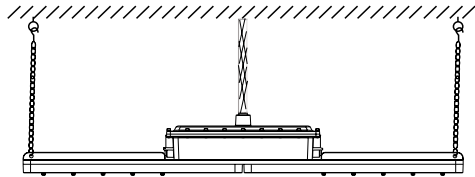
Pole Bracket Mount



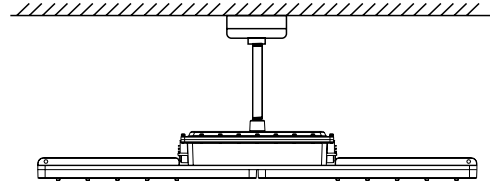
Wall Mount



Chain Mount



Pole Pendant Mount



ACCESSORIES

INCLUDED

Junction Box



Bracket



Straight Pipe



Chain



Metal Conduit



Bended Pipe

