

### Features

- Ideal for marine and hazardous applications
- Suitable for locations exposed to moisture, dirt, dust, corrosion, vibration, or harsh conditions such as wind, water, snow, or high ambient temperatures
- 0-10V dimming optional
- High luminous efficacy - Up to 140 lumens per watt
- Compact and robust structure, excellent reliability
- Various installation ways for different applications
- Great impact resistance with IK08/IK10 rating
- Die-cast aluminum housing, great corrosion resistance and cooling performance

### Compliances:

- ATEX Standard:
  - II 3G Ex ec IIC T6...T3 Gc
  - II 2D Ex tb IIIC T85°C...T103°C Db IP66
- IECEx Standard (Certificate No.: IECEx PCET 22.0008X):
  - Ex ec IIC T6...T3 Gc
  - Ex tb IIIC T85°C...T100°C Db
  - Ex tc IIIC T85°C...T100°C Dc
- Zone 2, Zone 21 & 22
  - CB (Ref. Certif. No.: DE 2-038462-M1)
- UL 844 Hazardous Locations
  - Class I Division 2, Group A, B, C, D
  - Class II Division 1, Group E, F, G
  - Class II Division 2, Group F, G
  - Class III
  - Class I, Zone 2, Group IIC
  - Class II, Zone 21, Group IIIC
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- ETL (ATM for Report 105342415DAL-001)
- ABS
- DLC\*
- 1000 hours salt spray

### Specifications

ELECTRICAL			
Rated Power	60 W	80 W	100 W
Input Voltage (CID2)	100–277 VAC / 200–480 VAC		
Input Voltage (Zone 2/21/22)	100–277 VAC		
Input Frequency	50/60 Hz		
Power Factor	>0.95		
Emergency Function	No emergency function		
OPTICAL			
Lumen Output	8,400 Lm	11,200 Lm	14,000 Lm
Lumens Per Watt	140 Lm/W		
CCT	3000–6500 K		
CRI	>70		
Beam Angle	40° / 60° / 90° / 120°		
Dimming	0–10 V dimming optional		
MECHANICAL			
Housing Material	Die-cast aluminum		
Lens	Tempered glass & PC		
Hardware	Stainless steel		
Visor	Available		
Fixture Color	Gray RAL7040 (Standard)		
Protection	IP66 / IP67 / IK08 (glass cover) / IK10 (with wire guard)		
Mounting (CID2)	Ceiling, Wall, Hook, Trunnion, Pole, Stanchion		
Mounting (Zone 2/21/22)	Ceiling, Wall, Hook, Pole, Stanchion		
Cable Entries (CID2)	Side: 3/4" NPT (standard); M20, M25, 1/2" NPT (optional) Top: 3/4" NPT (standard)		
Cable Entries (Zone 2/21/22)	Side: M20 (standard); M25, 1/2" NPT, 3/4" NPT (optional) Top: 3/4" NPT (standard)		
ENVIRONMENTAL			
Ambient Temperature (CID2)	-40°C to +40°C (-40°F to +104°F)		
Ambient Temperature (Zone 2/21/22)	T3: -40°C to +55°C (-40°F to +131°F)		

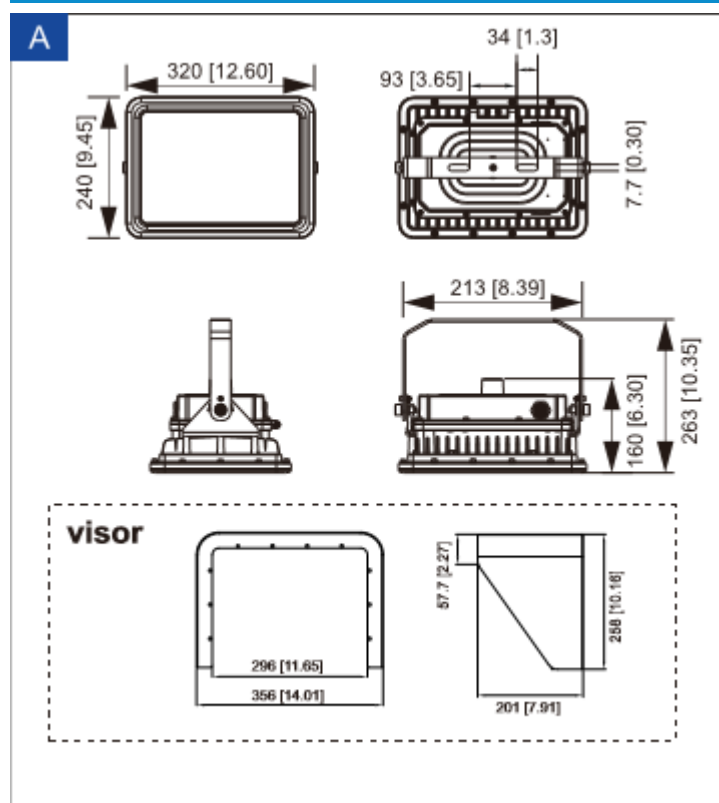
### Specifications

WARRANTY	
Warranty	5-Year Standard Warranty
LED Lumen Maintenance	L70 > 78,000 Operation Hours @ 55°C

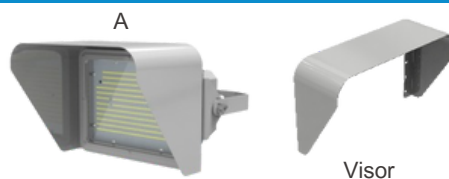
### Models Available

MODEL	WATTAGE
2MEXL-FA1-60	60 W
2MEXL-FA1-80	80 W
2MEXL-FA1-100	100 W

### Product Dimensions - mm [inch]



### Visor Available

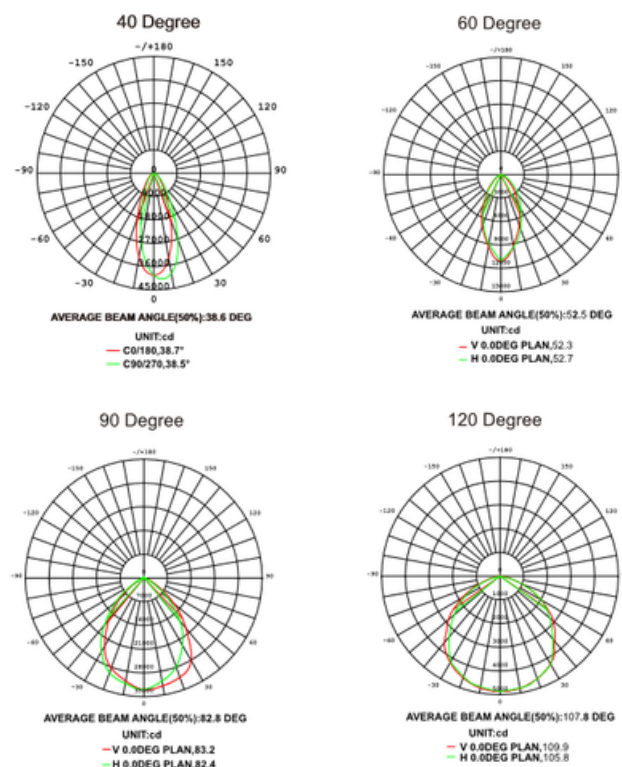


### Packing Information

NET WEIGHT*	GROSS WEIGHT*	QUANTITY/ CARTON	PACKAGE DIMENSIONS (L x W x H)
6.95 kg / 15.32 lb	9.50 kg / 20.94 lb	1 pc	450 mm x 340 mm x 370 mm / 17.72" x 13.39" x 14.57"

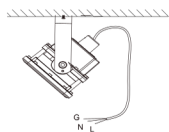
*\*Please note that net weight and gross weight may be subject to change because of actual configuration.*

### Light Distribution



### Mounting Methods and Accessories

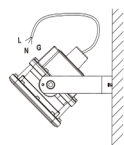
#### •Option 1: Ceiling Mounting



#### • Accessory



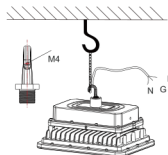
#### •Option 2: Wall Mounting



#### • Accessory



#### •Option 3: Hook Mounting

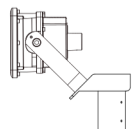


#### • Accessories



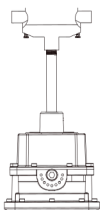
#### •Option 4: Trunnion Mounting (Only for A and A2)

#### • Accessory



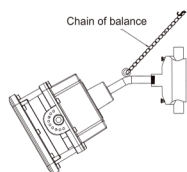
#### •Option 5: Pole Mounting (Vertical)

#### • Accessories



#### •Option 6: Pole Mounting (Non-vertical)

#### • Accessories



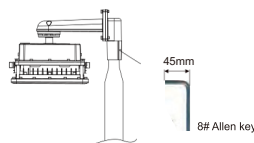
#### •Option 7: Stanchion Mounting on the Wall

#### • Accessory



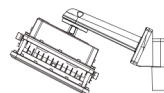
#### •Option 8: Stanchion Mounting on the Pole (90 Degree)

#### •Accessories



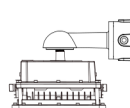
#### •Option 9: Stanchion Mounting on the Pole (25 Degree)

#### •Accessories



#### •Option 10: Wall Mounting with Junction Box (90 Degree)

#### • Accessory



#### •Option 11: Wall Mounting with Junction Box (25 Degree)

#### • Accessory

