



### 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
- Emergency battery backup function available
- 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 (CID2)                 | 250 W                                                                                      | 300 W     | 400 W     |
| Rated Power (Zone 2/21/22)         | 250 W                                                                                      | 300 W     |           |
| Input Voltage (CID2)               | 120–277 VAC / 277–480 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                       | 35,000 Lm                                                                                  | 42,000 Lm | 56,000 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                           | Ceiling, Wall, Hook, Pole, Stanchion                                                       |           |           |
| Cable Entries (CID2)               | Side: 3/4" NPT (standard); M20, M25, 1/2" NPT (optional)<br>Top: 3/4" NPT (standard)       |           |           |
| Cable Entries (Zone 2/21/22)       | Side: M20 (standard); M25, 1/2" NPT, 3/4" NPT (optional)<br>Top: 3/4" NPT (standard)       |           |           |
| ENVIRONMENTAL                      |                                                                                            |           |           |
| Ambient Temperature (CID2)         | 250–300 W: -40°C to +50°C (-40°F to +122°F)<br>250–400 W: -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)                                                       |           |           |

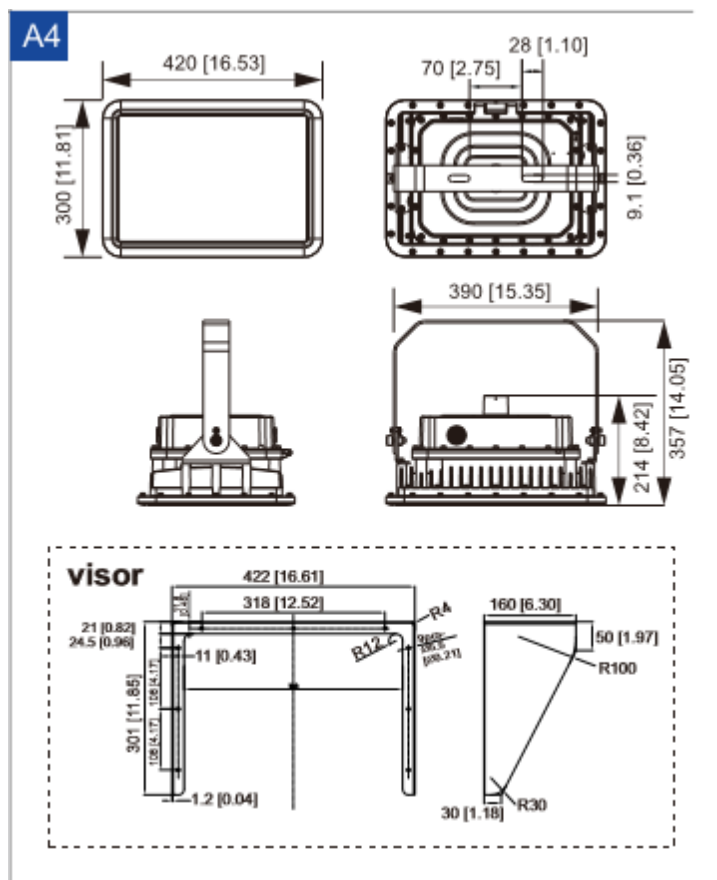
### Specifications

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

### Models Available

| MODEL         | WATTAGE |
|---------------|---------|
| 2MEXL-FA4-250 | 250 W   |
| 2MEXL-FA4-300 | 300 W   |
| 2MEXL-FA4-400 | 400 W   |

### Product Dimensions - mm [inch]



### Visor Available

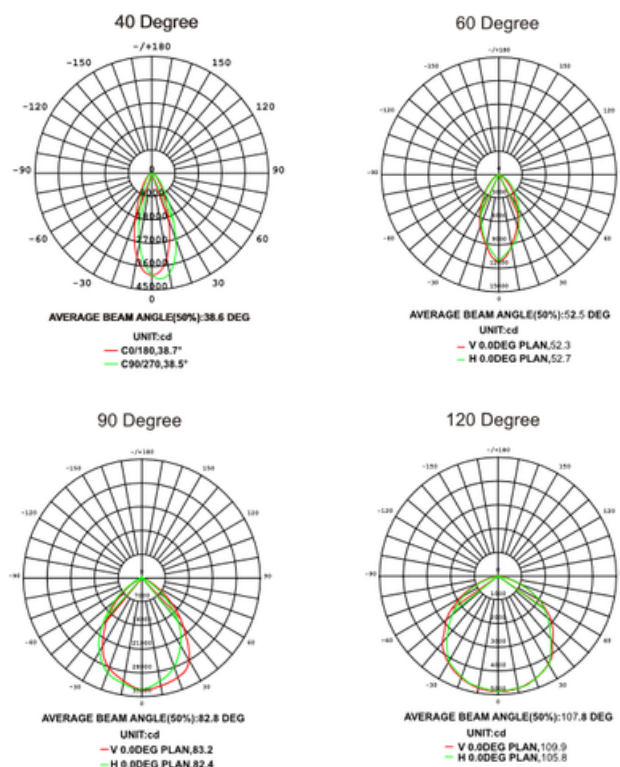


### Packing Information

| NET WEIGHT*         | GROSS WEIGHT*       | QUANTITY/ CARTON | PACKAGE DIMENSIONS (L x W x H)                |
|---------------------|---------------------|------------------|-----------------------------------------------|
| 15.10 kg / 33.29 lb | 18.55 kg / 40.90 lb | 1 pc             | 520 x 490 x 380 mm / 20.47" x 19.29" x 14.96" |

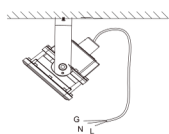
\*Please note that net weight and gross weight may be subject to change because of actual configuration.

### Light Distribution



### Mounting Methods and Accessories

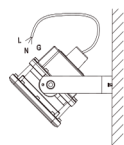
#### •Option 1: Ceiling Mounting



#### • Accessory



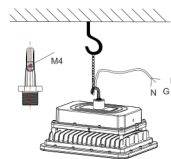
#### •Option 2: Wall Mounting



#### • Accessory



#### •Option 3: Hook Mounting

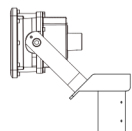


#### • Accessories



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

#### • Accessory



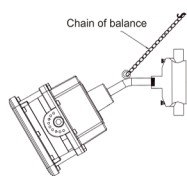
#### •Option 5: Pole Mounting (Vertical)

#### • Accessories



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

#### • Accessories



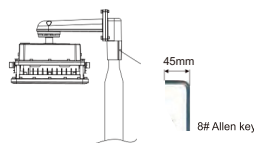
#### •Option 7: Stanchion Mounting on the Wall

#### • Accessory



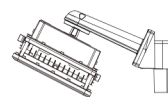
#### •Option 8: Stanchion Mounting on the Pole (90 Degree)

#### •Accessories



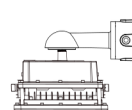
#### •Option 9: Stanchion Mounting on the Pole (25 Degree)

#### •Accessories



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

#### • Accessory



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

#### • Accessory

