



TWIN

# SAFETY LUMINAIRES

## MEM-EM6

We reserve the right to make technical and design changes.

THIEN MINH MECHANICAL - ELECTRIC JSC  
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**Introduction**  
TWIN is elegant spot safety luminaire series . It is all in one type including open area and corridor lens, wall or ceiling mounting option. Using the simple line and elegant element design, TWIN has the ability to transcend ordinary design, as well as product quality.

- Features**
- 1. Oval lens for pathway application.
  - 2. Round lens for open area application.
  - 3. Li-ion (LifePO4) battery or Ni-cd battery option.
  - 4. High power & efficiency LED.
  - 5. Can be upgraded to IP65 for all weather condition

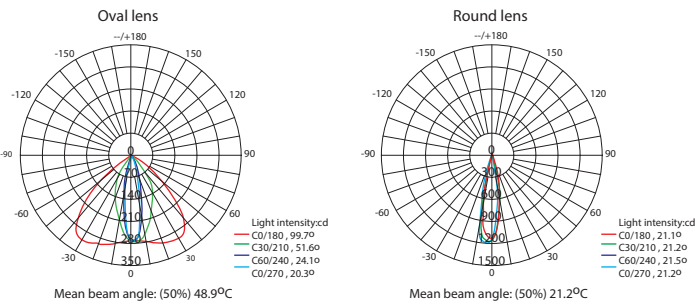
**Application Areas**  
It is designed for emergency lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairw ay, lobby, reception, corridors etc.

- Warranty**
- LED fixtures are warranted for 5 years.
  - Batteries are warranted for 3 years (Li-ion battery), 2 years (Ni-cd battery)

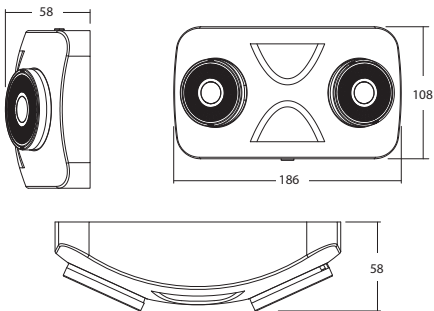
Approvals and markings



Beam Angle



Dimesion: mm



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Technical data

Model No.	MEM-EM6-ST-MT-3H	MEM-EM6-HO-MT-3H
Mode of operation	Non-Maintained	Non-Maintained
Battery	3.6V 900mAhx2 Ni-cd	3.7V 4400mAh Li-ion (LiFePO4)
Lamp	2x1W (high power LED)	2x2W (high power LED)
Rated duration	3hrs and others	3hrs and others
Maximum distance (at 1 Lux light intensity)	3.0 m	3.0 m
Color temperature (K)	5000K	5000K
Luminous flux (lm)	120lm±10%	400lm±10%
Mains supply	220 - 240V~ 50/60Hz	220 - 240V~ 50/60Hz
Power consumption	< 2W	< 3W
Charge time	24hrs (minimum)	24hrs (minimum)
Charge monitor	Green LED	Green LED
Test facility	Micro switch	Micro switch
Safety feature	Low volt cut-off preventing battery overdischarge	Low volt cut-off preventing battery overdischarge
CRI	> 70	> 70
LED driver	Built-in	Built-in
Housing material	Polycarbonate (PC)	Polycarbonate (PC)
Finishing color	White	White
Mounting	Ceiling or Wall	Ceiling or Wall
Weight (Kg)	0.41 Kg	0.36 Kg
Operating temp. (°C)	0°C ~ 45°C	0°C ~ 45°C

Green led indicator status meanings

- Green solid On ready: Normal operation.
- Green solid Off: Power failure or requires service.

Measurement

Model	Product Weight (Kg)		Package weight (Kg)		Carton Size (cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
MEM-EM6-ST-MT-3H	0.41	0.462	8.4	9.5	42*35*28	20 pcs	12500	27900
MEM-EM6-HO-MT-3H	0.36	0.415	7.4	8.5	42*35*28	20 pcs	12500	27900

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