

Applications:

- Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases are present.
- Applies to hazardous locations of Zone 2 with explosive gas atmosphere.

Features:

- Industry-leading efficacy: up to 110 LPW;
- CTT: 3000K-6500K;
- CRI: ≥ 70 ;
- -40°C to +40°C Ambient operating temperature;
- Low profile fixture;
- Flush, swivel and pole mount options;
- Wide optics for uniform illumination;
- Fixture warranty;
- Entry Size: NPT 3/4" -14;
- Beam angle: 8°, 15°, 35°, 60°, 90°, 108°, 120°;

Standard Materials:

- Housing –Aluminum alloy (ADC12);
- Lens –tempered glass;

Mounting (ordered separately):


Versatile mounting options:

- Ceiling mount
- Drop mount
- Pole mount
- Wall Mount

Mounting Angle: 0° to $\pm 90^\circ$;

Certifications and compliances:

ATEX:

-  II 3G Ex ec IIC T4 Gc;
- IP54;
- Certificate No: DEMKO 18 ATEX 1765 Rev.0

IECEX:

- Ex ec IIC T4 Gc;
- IP54;
- Certificate No: IECEX UL 18.0046

Standard :

ATEX: EN 60079-0: 2013 ; EN 60079-7: 2015 ;

IECEX: IEC 60079-0: 2011 ; IEC 60079-7: 2017

Warning:

IECEX& ATEX:

- “WARNING – DO NOT OPEN WHEN ENERGIZED”
- “WARNING – DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT”
- “WARNING – ONLY USE CABLES SUITABLE FOR 85°C”
- End user shall use certified cable gland or conduit with suitable type of protection for final installation purpose.
- External earthing wire shall be connected when used and the cross-sectional area shall be more than 4mm² or 12AWG.
- Under rating condition, maximum temperature on the luminaire’ s shell shall not be higher than 95 C for T4. Temperature at cable inlet shall not be higher than allowable limit of the cable applied, to ensure the cable operation normally.

Technical table:

Model	Power (W)	Input voltage: AC110V-277V; Frequency: 50/60Hz;		
		Output voltage: 33V~42Vdc;		
		CCT: 3000K-6500K		
		Power factor: 0.97		
		Light efficiency (Lm/W)	Weight (kg)	Size(mm) L x W x H
EP-WM-40	40	110	4	200 x 200 x 147
EP-WM-100	100	110	7.5	300x300 x 165
EP-WM-185	185	110	10.5	400x400 x 169

Mounting:

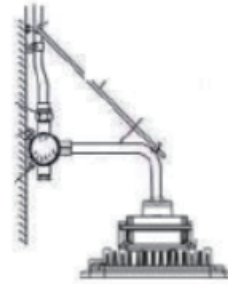
The product can be mounted as shown in Figure 6 below.



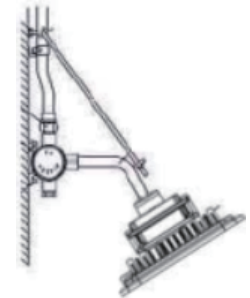
A. Ceiling Mount



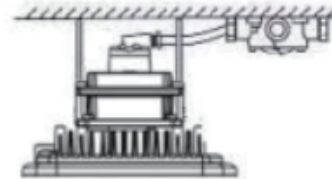
B. Drop Mounting



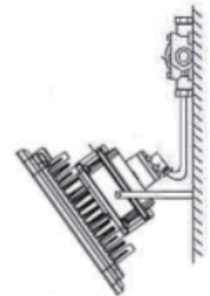
C. Wall Mount



D. Wall Mount

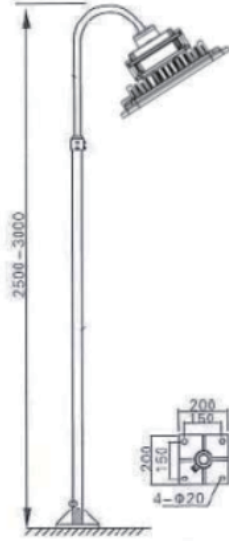


E. U-Bracket Mounting





F. Pole Mount



G. Pole Mount