Explosion Proof LED Light

100W Explosion Proof LED Light

DIMENSIONS
LENGTH :  300mm
WIDTH :  300mm
HEIGHT :  175mm
WEIGHT:  7.5 KG

LED LIGHT ENGINE
➢ High quality LM80 Certify Chip
➢ Efficacy : up to 150lm @ 350mA (per watt)
➢ Rated Life of 100,000+ hrs
➢ Operation temp: -30 ºC to +50 ºC
➢ No toxic chemicals/Rohs compliant
➢ 70%-80% saving compare to HPS/MH

PRODUCT FEATURE
➢ 5 years warranty
➢ Highest Ingress Protection rating : IP68

Note | ITEM NO. | DESCRIPTION | TOTAL POWER | Reflector/ wide angle | NOMINAL LUMENS | DRIVE CURRENT | # OF LEDS | SYSTEM EFFICACY |
--- | --- | --- | --- | --- | --- | --- | --- | --- |
UL/CUL/PE/SE/SAA/CE Certify | ZHEP-J100 | Replacing 300-350w HPS | 100 | Wide Angle | 11600 | 350 mA | 84 | 116 LM/W

ZHEP-J-100

➢ Material:  Die Cast Aluminum
➢ Light Color option:  5700/4000/2700K
➢ Custom color
➢ LENS:  Super Clear Tempered Glass

ELECTRICAL CHARACTERISTICS
➢ Driver: MW HLG Series
➢ Wide AC input:  90-305 VAC
➢ (UL marking: 100-240VAC/277VAC)
➢ Power Factor: ~0.98
➢ Total Harmonic Distortion: < 10%
➢ Surge protection: IEC/EN 61000-4-5
➢ EMC test standard

INSTALLATION
➢ Easy installation – plug and play
➢ Wall mount bracket

QUALIFICATION
➢ ATEX: Zone 1&Zone 2
➢ UL844 : Class 1, Division 2
➢ IECEx Pending
➢ DLC
➢ SAA&CTICK
➢ CE&ROHS
➢ LCP
120°x120° (40W/100W/185W)

**INSTALLATION**

- Fixture is equip with Bracket
- Connection outlet conduit: 3/4” NPT
- Conduit and pole are not included in products.
- All installation must conduct by qualify electrician.
- Seal must be placed in each conduit
MOUTING KITS OPTIONS

1. U shaped bracket

2. Adjustable Wall/Ceiling Mount Plate

3. High bay mount hook

4. Street Light Bracket