**Application**

Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base, etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.

**Features**

- Patented design for heat dissipation to ensure life of light source up to 50,000 hours.
- Bridgelux LED chip; die casting aluminum housing, with anti-static and anti-corrosion powder painting, high explosion proof grade of flameproof type; dust-proof, waterproof, lens made of high tempered glass which special designed to different beam angle.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double image.
- Beautiful appearance, several types of installation methods available.
**rated power**: 20/30/40/50W

**ex mark**: E Ex d IIB T6

**ip grade**: IP66

**corrosion-proof grade**: WF2

**input voltage**: AC110/220V (applied to 90 ~ 305V)

**input frequency**: 50/60HZ

**beam angle**: 60°/90°/120°/140°/140° (transversely) 70° (vertically)

**actual luminous efficiency**: 80 ~ 90Lm/W (LED itself: 100Lm/W)

**color temperature**: Warm white: 2700 ~ 4500K / Pure white: 5000 ~ 6500K

**CRI**

> 70

**power factor**

> 0.90

**ambient temperature**

-40 ~ 60°C

**lifetime**

> 50,000hrs

**net weight**

3.8Kg

**dimension**

220 x 220 x 202mm

**packing size**

290 x 290 x 320mm

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**AAI figure**

**Examples of mounting**

- Ceiling
- Ceiling (Suspension boom)
- Wall
- Ceiling
- Wall
- Street light
- Fence