

LED



IP66

-40°C

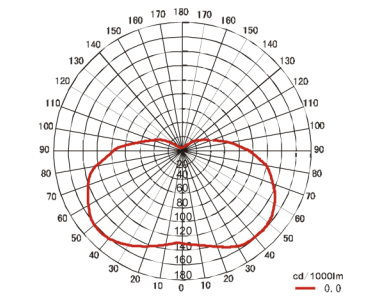
+50°C



Ex Code: Ex d I
Standard: GB3836.1, GB3836.2, Mt221



Light distribution curve



Application

- 1) Approved for safe use in the explosive environment under the coal mine where the methane and the explosive dust exist.
- 2) It is the idea lighting solution for the underground working area tunnel or construction tunnel.

Characteristics

- The aluminium reflector with high gloss reflective finish and unique light distribution curve, enable the lamp to have different luminous effect on the ground, wall and the roof's different so that to efficiently use all the lights.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- Equipped with world famous brand electrical appliance, ensuring the lamp have a stable performance.
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- Multiple mounting options: wall mounting, ceiling mounting, pendant mounting etc. This lamp can be connected in parallel
- The lamp is flame proof type of protection, Ex d I certified, for safe use in potentially coal mine explosive places.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof , make the lamp an excellent option for all kinds of high stress environment.

Main specification

Input Voltage	90-264VAC / 127-370VDC
Output Voltage	48VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	3.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm- φ 14mm
Dimension	φ 240×233.5mm
Net Weight	5.2Kg

Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Equivalent to	
				Metal Halide Lamp	Electro less lamp
DGS45/127L(A)	LED	45	6,372	70-100W	85W
DGS60/127L(A)	LED	60	7,128	100W	100W

Drawing of dimension (Dimensions in mm)

