

LED



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 tunnel in the underground chamber in the mining field.

Characteristics

- Its reflector is specially designed for the tunnel. At the height of 3.5meters, 24w can reach 35Lux, 48w can reach 80Lux. The light distribution distance is more than 15meters. It can save 65% on energy than the metal halide lamp.
- It adopts American CREE LED as light source, service life reach 100,000 hours
- Equipment with world famous brand electrical appliance, has a highly stable performance.
- The LED is seamless connected to the heat sink, which help to heat dissipating, ensured the LED'S life span.
- Supplied with stainless chain which have hooks on the end and the chain's length is adjustable.
- 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.

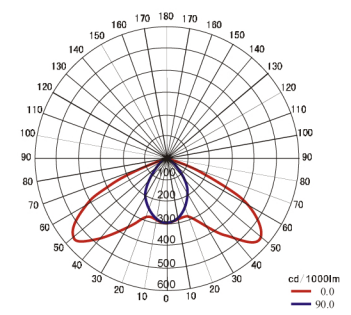
Main specification

Input Voltage	90-264VAC / 127-370VDC
Output Voltage	28VDC
Frequency	50 / 60Hz
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4
Screw Thread	G3/4"
Cable Diameter	φ 8mm - φ 14mm
Dimension	424×177×77mm
Net Weight	4.1Kg

Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Equivalent to		
				Metal Halide Lamp	Electro less lamp	CFL
DGS10/127L(A)	LED	10	1,240	/	30W	40W
DGS24/127L(A)	LED	24	2,792	70W	60W	80W
DGS35/127L(A)	LED	35	4,620	100W	100W	120W
DGS48/127L(A)	LED	48	5,240	100-150W	120W	150W

Light distribution curve



Ex Code: Ex d I
Standard: GB3836.1, GB3836.2, MT221



Drawing of dimension (Dimensions in mm)

