

## AE9501 Series LED Explosion Proof Spotlight

### LED



Ex Code: Ex d II C T6 Gb  
Standard: GB3836.1, GB3836.2  
IEC60079-1:2007,MOD

### Application

- Ideal for use in oilfields, chemical, steel, power, petroleum ports, etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA (Group D), IIB (Group C).
- Zone 1 ( Class 1, Division 1), Zone2 ( Class 1, Division 2), Zone 21 (Group E only), Zone 22 (Group E only).
- Temperature class: T1-T6.

### Features

- Customer can choose either 25° or 80° as the beam angle depending on the application.
- The housing is designed to dissipate heat to prolong the lifespan of the LED, ensuring 100,000 hours service life.
- The locking device on the bracket will keep the lamp from shifting during harsh vibration.
- It utilizes American CREE LED as light source, which will save 60% or more on energy compared to a metal halide lamp.
- Powered by Taiwan Meanwell LED driver.
- The anti corrosion, abrasion proof, powder coated cover which is dust proof and water proof makes the light an excellent option for all kinds of high stress environments.
- The light is designed to be used in all kinds of explosive applications.
- 18-43VAC or 18-55VDC is optional for 25W and 40W on special order.

### Technical Specification

Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	4.5
Screw Thread	G3/4"
Cable Diameter	φ 8mm- φ 14mm
Dimension	370x326x88mm
Net Weight	6.5Kg

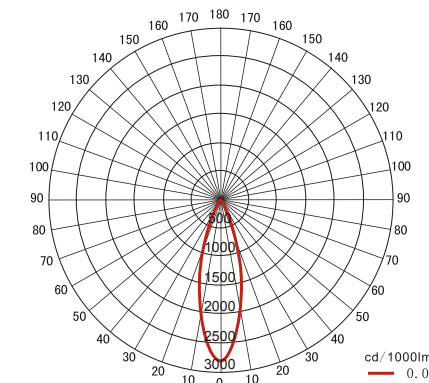
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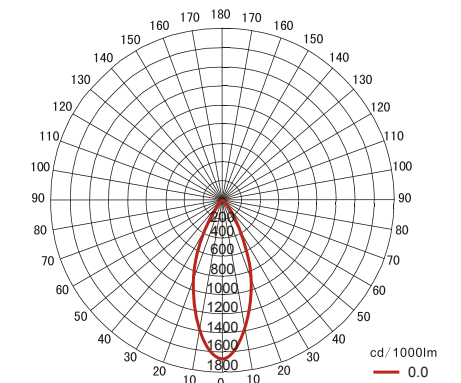
### Ordering Reference

Model Number	Beam Angle	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Equivalent to		
						Metal Halide Lamp	Electrode less lamp	High pressure mercury lamp
AE9501-L25-25°	25°	90-264VAC or 127-370VDC	LED	25	3,300	70W	60W	80W
AE9501-L25-80°	80°							
AE9501-L40-25°	25°		LED	40	5,508	100W	100W	125W
AE9501-L40-80°	80°							
AE9501-L60-25°	25°		LED	60	7,128	150W	135W	175W
AE9501-L60-80°	80°							
Optional								
AE9501-L25-25° -D	25°	18-43VAC or 18-55VDC	LED	25	3,300	70W	60W	80W
AE9501-L25-80° -D	80°							
AE9501-L40-25° -D	25°		LED	40	5,508	100W	100W	125W
AE9501-L40-80° -D	80°							

### Light Distribution Curve



25°



80°

### Dimensional Drawings (Dimensions in mm)

