

Specifications

Product type: LED Explosion Proof Lighting Fixture

Product model: ATEX Ex 360Eye

Document: EX-PAN-1016





Product Features

- High strength aluminum alloy housing & impact-resistant
- 360° ventilation matrix thermal design
- Double seal structure design to ensure no water intake in any environment
- Famous brand driver
- Over-temperature protection
- Up to 85% energy savings
- Frosted tempered glass cover

Application

- Applies to explosive gas and combustible dust areas in the next industries: petroleum, chemical, metallurgical, power plants, etc
- Applies to hazardous locations of zone 0, zone 1 and zone 2 with explosive gas
- Applies to hazardous locations of zone 20, zone 21, zone 22 with combustible dust





Specifications ATEX Ex 360Eye

	50W	60W	70W	80W
You need another wattage?	Please let us know: info@ebdwz.nl			
Voltage Rating	100-277 VAC			
Voltage Frequency	50-60 Hz			
Power Factor	>0.95			
THD	<15%			
Light Source	SANAN SMD LED Chip			
LED Lifespan	100.000 hours			
LED Luminous Efficacy	≥140 lumen per watt			
LED Luminous Flux	7.000 lm	8.400 lm	9.800 lm	11.200 lm
Lamp Luminous Efficacy	85 lumen per watt			
Lamp Luminous Flux	.250 lm	5.100 lm	5.950 lm	6.800 lm
Lumen Maintenance	6.000h, > 95%			
Material	aluminum alloy housing & frosted tempered glass cover			
Lamp Housing Color	Yellow or Silver Grey			
IP Rating	IP66			
CCT	4.000K / 5.000K / 6.000 K			
CRI	>70			





SPECIFICATIONS ATEX Ex 360Eye

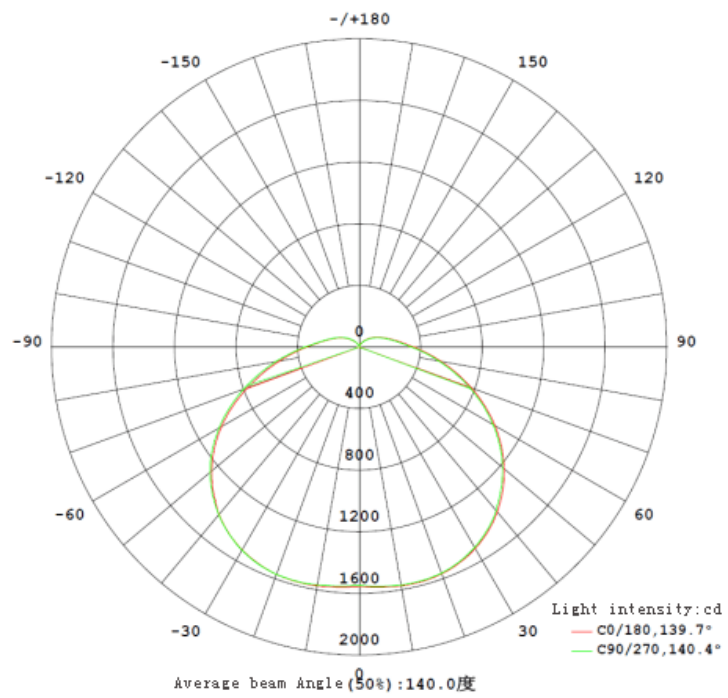
Beam Angle	>180°
Driver Brand	Sosen or Meanwell
Cable Size	Standard: Φ 10mm, 3x2.5 mm ²
Cable Gland	M25 (standard) / NPT3/4
EX Mark	II 2 G Ex d IIC T6 Gb II 2 D Ex tb IIIC T80° Db IP66
Ambient Environment	Temperature: -40°C / + 55°C Humidity: 10%-90% rh
Storage Temperature	- 40°C / + 60°C
Dimensions	Φ 240* height 290 mm
Net Weight	5.8 Kg
Certificate	Yes (shown on demand)





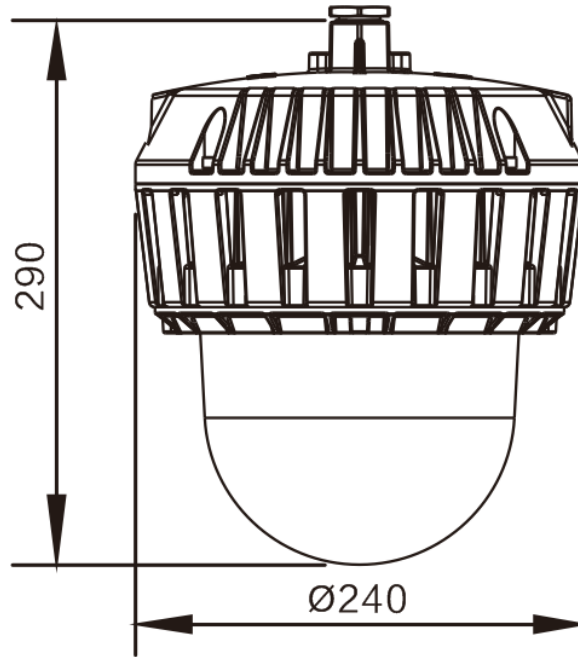
Optical performance

distribution curve



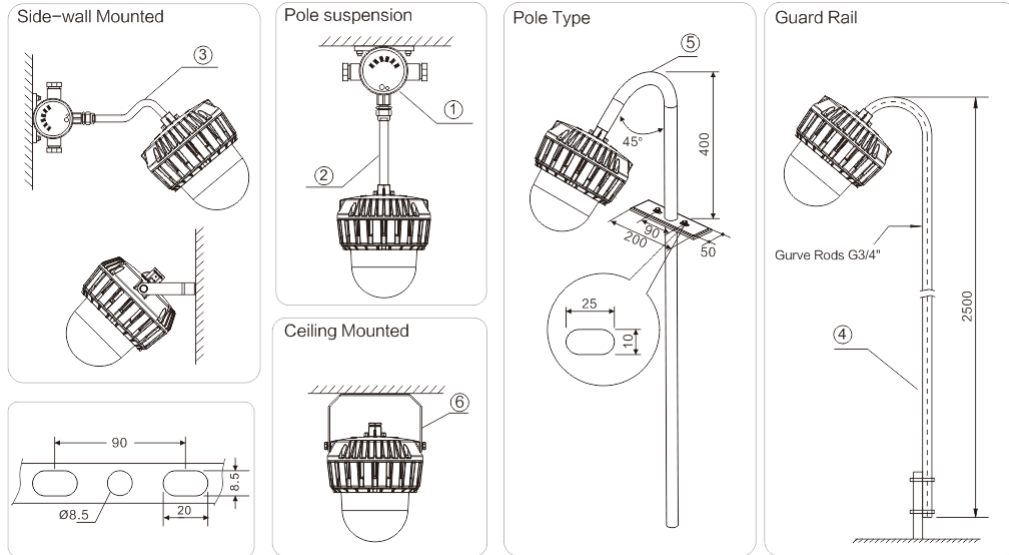


Dimensions



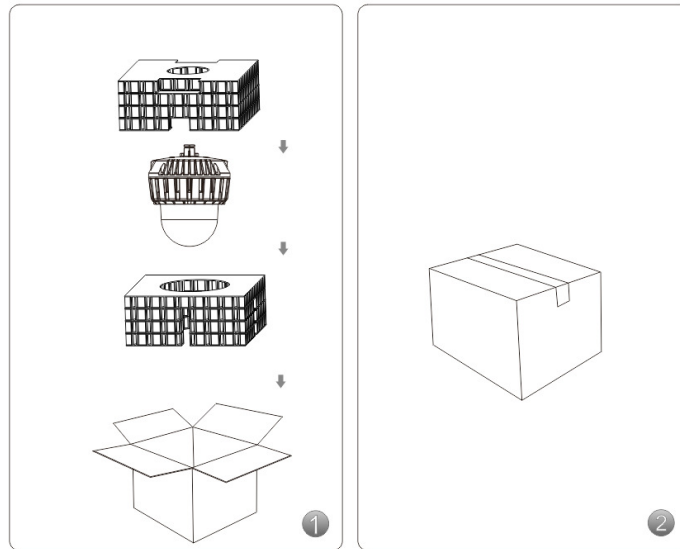


Installation





Package



Model	Wattage	Carton Size (mm)	Net Weight (kg)	Gross Weight (kg)
ATEX Ex 360Eye	50	300 x 300 x 360	5.8	7.5
ATEX Ex 360Eye	60	300 x 300 x 360	5.8	7.5
ATEX Ex 360Eye	70	300 x 300 x 360	5.8	7.5
ATEX Ex 360Eye	80	300 x 300 x 360	5.8	7.5

