

FHC9700 series High Power LED Explosion Proof Light(Road)

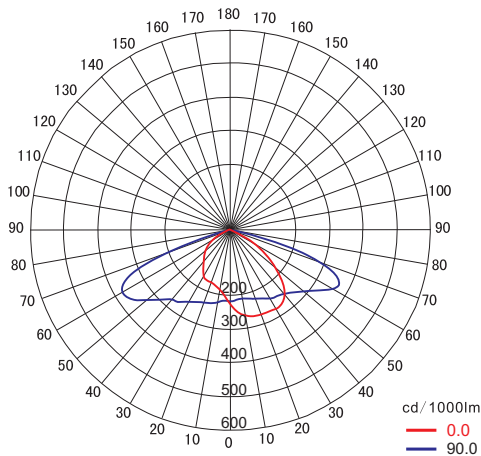


Ex marking: Ex db IIC T5/T4/T3 Gb
Ex tb IIIC T95°C/T130°C/T195°C Db

Application

- Applicable to the gas explosion zone 1, zone 2 and zone 21, zone 22 dust explosion;
- Oil wharf, petrochemical plant, chemical plant, pharmaceutical factory and other dangerous road lighting tank.

Light Distribution Curve



Characteristics

- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- It adopts imported light source, no dark spot, energy-saving is 60% more than Metal Halide Lamp.
- AC-DC wide voltage driver, power factor above 0.98.
- The rapid replacement of power without welding can be realized.
- The adjustable locking device on the bracket can tightly fix the lamp to any desired angle, making the lamp resist to harsh vibration.
- It is made using aluminum housing, all exposed fasteners adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for hazardous working areas.
- Windward area is only 30% of the traditional lamp, suitable for high-altitude winds area.
- Intelligent control functions can be realized.

Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI (Ra)	70 (80 optional)
CCT	5000K(3000K/4000K optional)
Cable entry	M20×1.5, M25×1.5, G3/4", NPT1/2", NPT3/4"
Dimension (mm)	300×202×332
Net weight (kg)	6.3



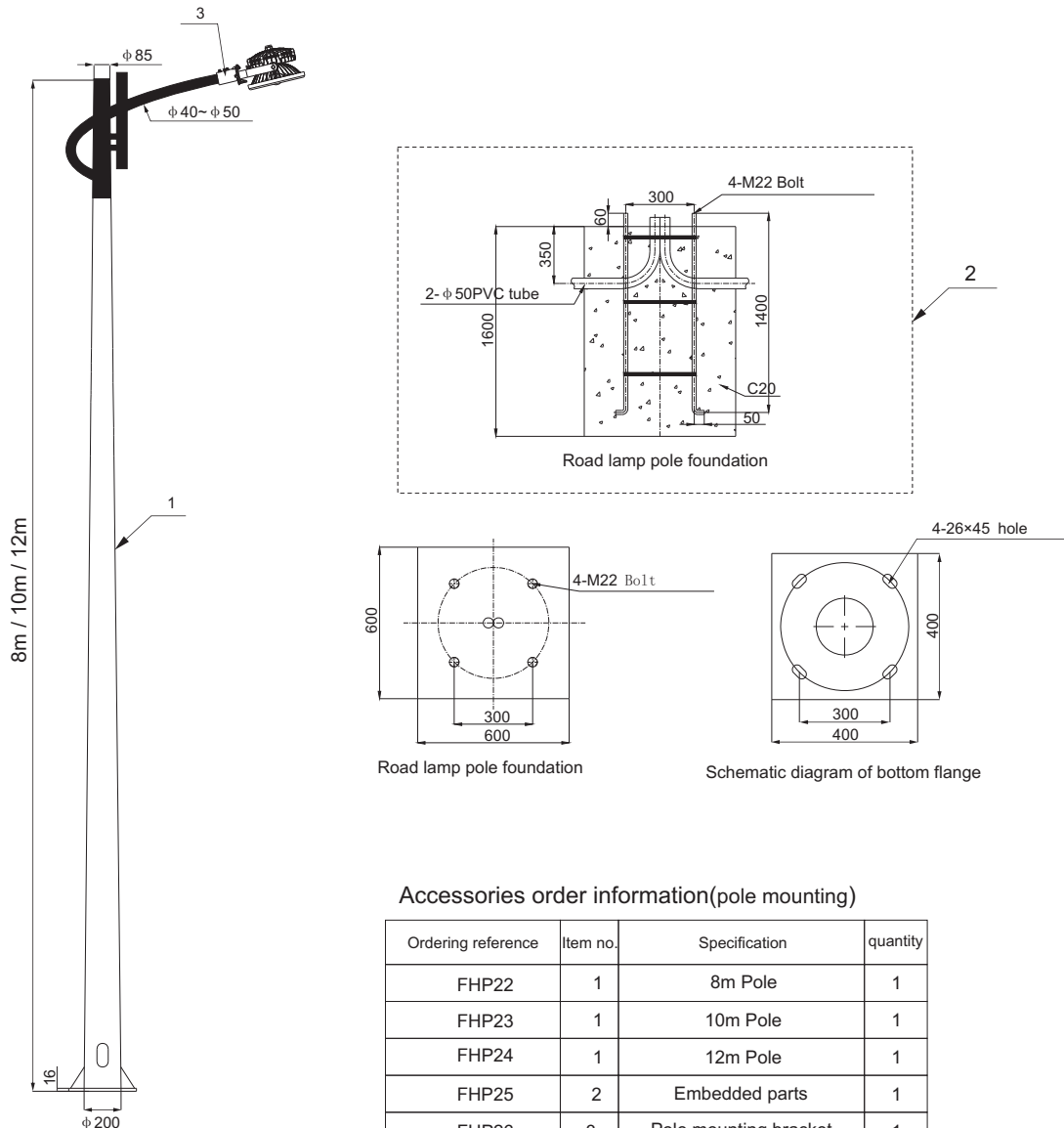
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Ordering Reference

Ordering reference	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Equivalent to
					MH
FHC9700-L60	60W	6600	1.75	6~8m	150W
FHC9700-L80	80W	8400		8~10m	175W
FHC9700-L100	100W	11000		250W	
FHC9700-L120	120W	12600		250~400W	
FHC9700-L150	150W	16000		400W	
FHC9700-L200	200W	22000		400~600W	

Drawing of dimension (Dimensions in mm)



Single arm installation (post purchase)

