FX300-3H-I3022HSA

ϕ300mm High Flux Straight Direction Motor Vehicle Traffic Light (Horizontal, AC type)



- All indices and parameters meet the EN12368 standard.
- Wide input voltage range from 85 VAC to 265 VAC that makes it suitable for most regions and countries.
- Not stroboscopic, making the light gentler on the eye.
- Optical fresnel lens that balances light distribution.
- LED light source that consumes no more than 10 W.
- Long LED life span of up to 100,000 hours.
- Modular design that make it easy to install and maintain.

Scene

Ideal for scenes that require traffic guidance systems such as urban roads, high-speed checkpoints and tunnels.

Technical Specification

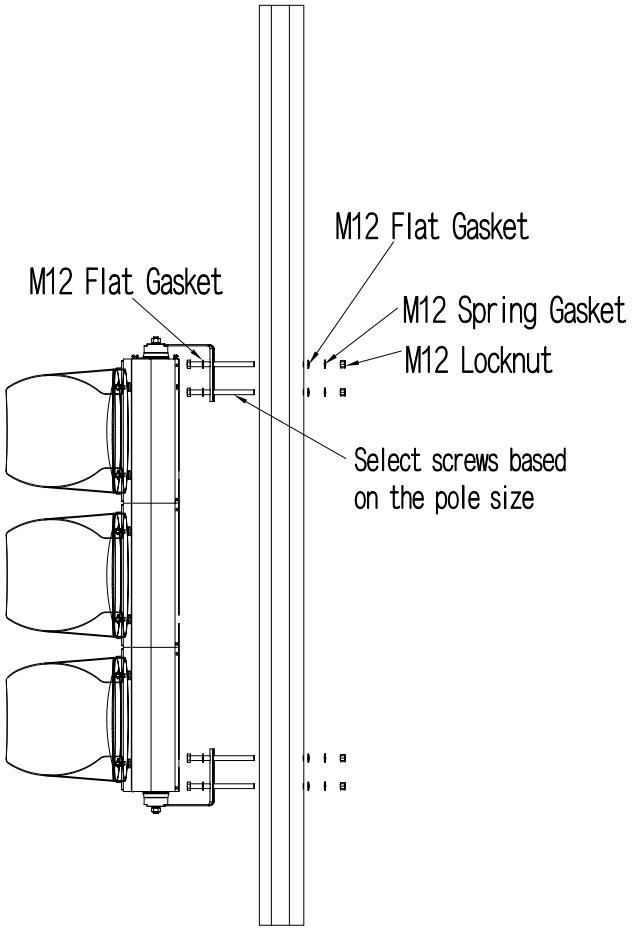
Port	
Power Input	1
General	
Product Component	Red, yellow and green LEDs; switched mode power supply; Fresnel lens, light base, front cover, clamping plate, base housing; surface panel, sunshield, and more
Power Supply	85–265 VAC, 50 HZ/60 HZ
Insulation	Insulation resistance ≥500 MΩ
Voltage Withstanding	≥1,440 V
Power Consumption	≤15 W
Operating Temperature	–40 °C to +80 °C (–40 °F to +176 °F)
Operating Humidity	≤93% (RH)
Protection	IP54
Central Brightness	Red>280 cd; yellow>455 cd; green>280 cd
Central Luminous Intensity	800 cd–1, 300cd
Number of LEDs	3 red LEDs, 3 yellow LEDs, and 3 green LEDs
LED Diameter	3535 SMD LED
Current in Single LED Tube	600 mA ± 5%
LED Lifespan	≥100,000 hours
LED Wavelength	Red LEDs: 620 nm–625 nm; yellow LEDs: 590 nm–595 nm; green LEDs: 503 nm–508 nm
Viewing Distance	>500 m (1640.42 ft)
Viewing Angle	>15°
Casing Material	PC injection molding

Enclosure Material	PC injection molding
Enclosure Specification	Φ300 mm (11.81")
Visor	Model 300 comes with a 310 mm visor, and PC injection molding
Product Dimensions	1080 mm × 350 mm × 151 mm (42.52" × 13.78" × 5.94") (L × W × H)
Packaging Dimensions	1235 mm × 435 mm × 260mm (48.62" × 17.13" × 10.24") (L × W × H)
Net Weight	≤13 kg (28.66 lb)
Gross Weight	≤14 kg (30.86 lb)
Installation	Horizontal pole mount
Signal Light Installation Kit	Standard

Ordering Information

Type	Model	Description
Signal Light	FX300-3H-I3022HSA	ϕ300mm High Flux Straight Direction Motor Vehicle Traffic Light (Horizontal, AC type)
Accessory (standard)	/	Visor × 3
	/	L-shaped bracket × 2
	/	User's manual × 1
	/	Qualification certificate × 1
	/	Package of screws × 1
	/	Warranty card (in which hazardous substances are listed) × 1

Installation



Dimensions (mm [inch])

