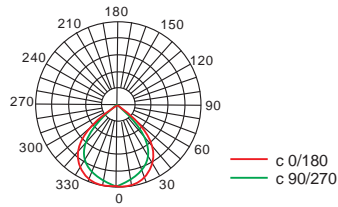




I Type

II Type

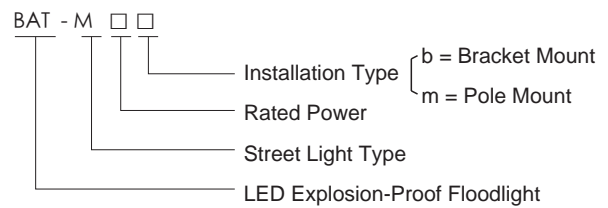


Distribution Curve cd/1000lm

### Applications

- Suitable for hazardous environments such as petroleum, storage, chemical, pharmaceutical, military, and military facilities.
- Used for area lighting in plant zones and industrial sites.
- Available for general illumination, flood lighting, spotlight lighting, and road lighting applications.
- Suitable for Zone 1 and Zone 2 hazardous gas environments.
- Suitable for explosive gas groups IIA, IIB, and IIC.
- Suitable for temperature classes T1–T3.

### Model Code Description



### Technical Parameters

Explosion Protection	Ex d e II C T3 Gb	Color Temperature	5500K
Rated Voltage	AC 90~270V	Color Rendering Index	Ra > 70
Light Source	LED	Protection Grade	IP65
Luminous Efficiency	> 90lm/W	Anti-Corrosion Grade	WF1
Power Factor	> 0.9	Standards	GB3836.1、GB3836.2、GB3836.3、

### Product Specifications

Model	Power (W)	Luminous Flux (lm)	Enclosure Type
BAT-M50□	50	5000	I
BAT-M60□	60	5790	
BAT-M70□	70	6580	
BAT-M80□	80	7530	
BAT-M100□	100	9300	
BAT-M120□	120	12300	II
BAT-M140□	140	13900	
BAT-M150□	150	14300	
BAT-M180□	180	16900	
BAT-M200□	200	18500	

## Product Features

- **LED Light Source Module:**

Uses high-brightness LED chips combined with a high-efficiency constant-current driver, achieving energy savings of up to 60% compared with traditional gas discharge lamps. The LED module is fully sealed for waterproof and dustproof protection, requiring no internal cleaning or maintenance.

- **Intelligent Driver Module:**

Equipped with a high-efficiency constant-current power supply and intelligent power regulation system. Features luminous flux compensation to reduce light attenuation and maintain stable LED brightness. Includes over-voltage, over-current, and surge protection functions.

- **Advanced Heat Dissipation Structure:**

The explosion-proof housing is made of die-cast aluminum alloy with high-voltage electrostatic powder coating. The specially designed heat dissipation structure rapidly transfers heat from the LED source to the housing surface, significantly improving cooling efficiency and extending service life.

- **Professional Optical Design:**

Specially designed optical components maximize lighting performance for different application scenarios and installation requirements.

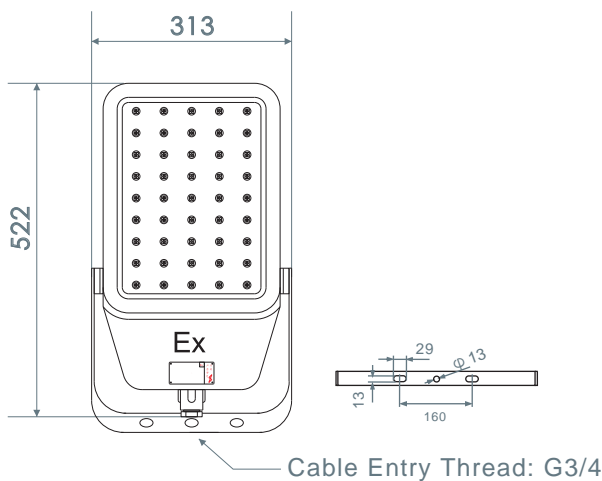
- **No UV Radiation:**

Provides comfortable and healthy illumination for long-term indoor operation environments without harmful ultraviolet radiation.

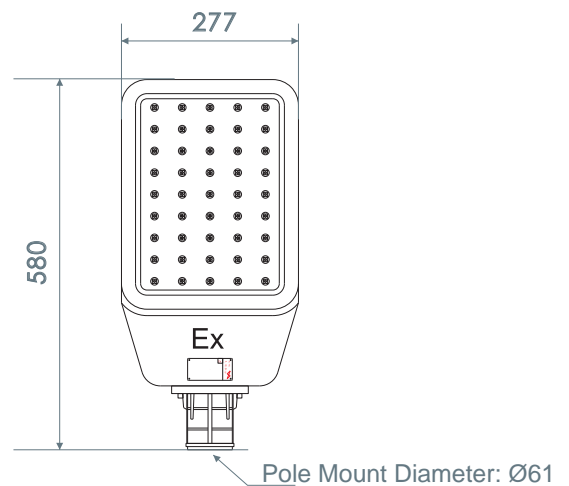
- **Integrated Structure:**

The light source and power supply adopt an integrated design for easier installation and maintenance.

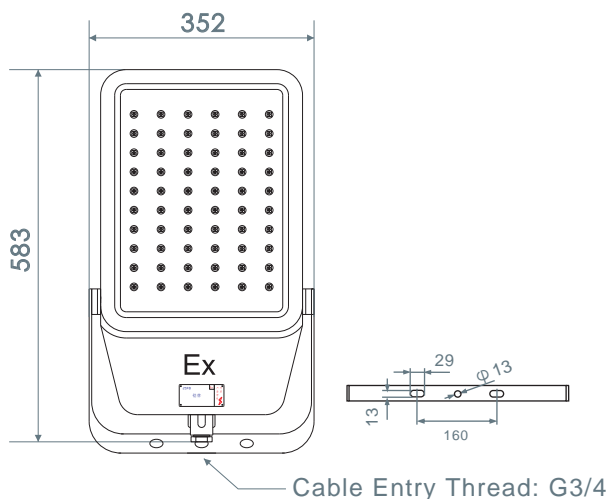
## Outline & Mounting Dimensions



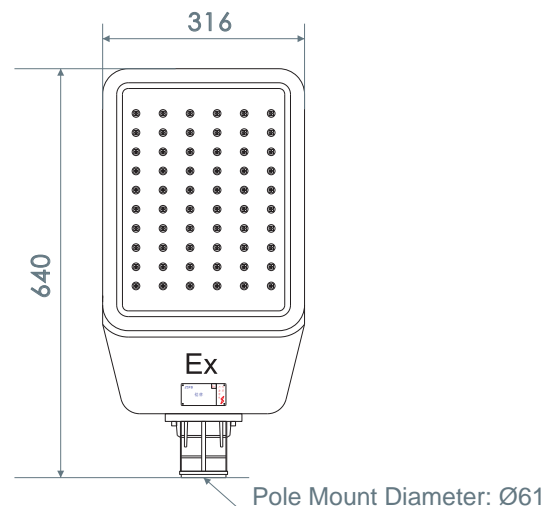
BAT-M□b Type II – Bracket Mount



BAT-M□m Type II – Street Light Mount



BAT-M□b Type III – Bracket Mount



BAT-M□m Type III – Street Light Mount