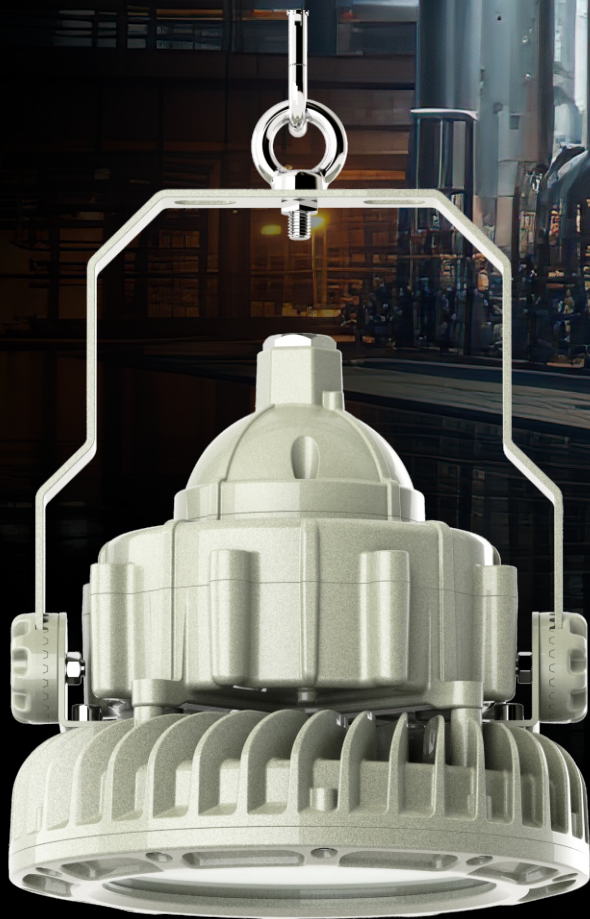


**FEI CHI**  
**菲驰照明**



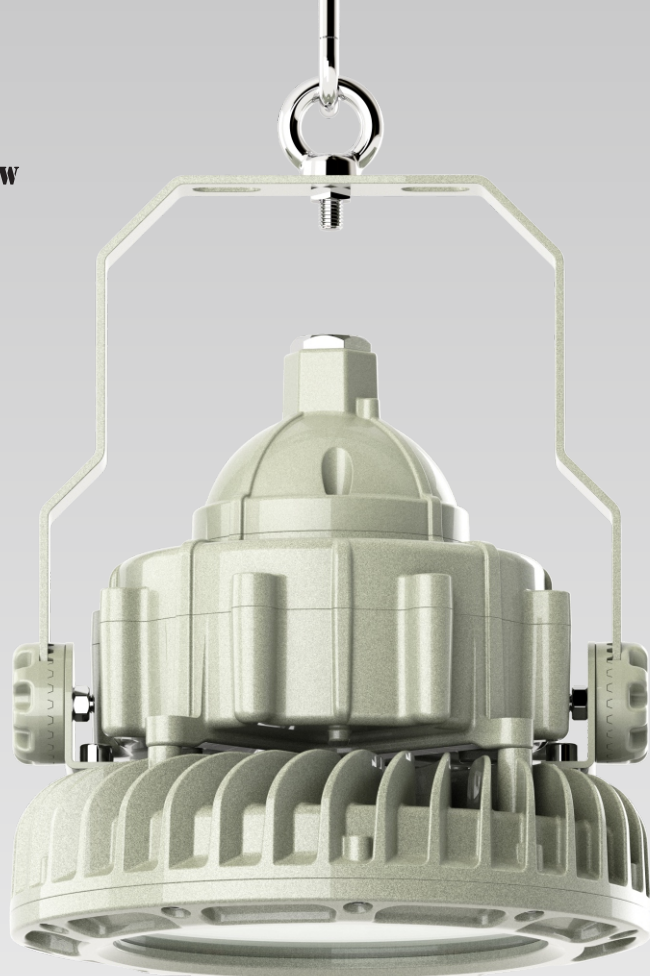
**EX LED**  
**EXPLOSION-PROOF**  
**HIGH BAY LIGHT**

30W/50W/60W/70W/80W  
/100W/120W/150W/200W

**SHENZHEN FEICHI LIGHTING CO., LTD.**



## OVERVIEW



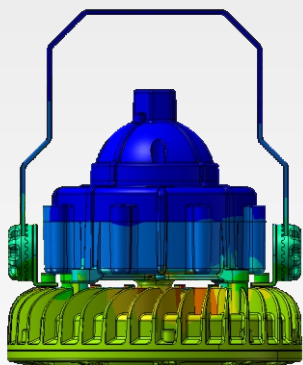
Bottom



Top

## THERMAL MANAGEMENT

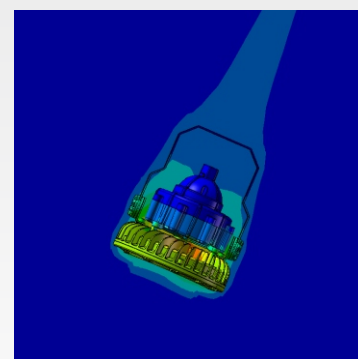
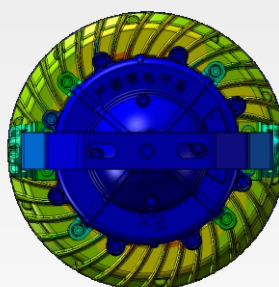
Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.



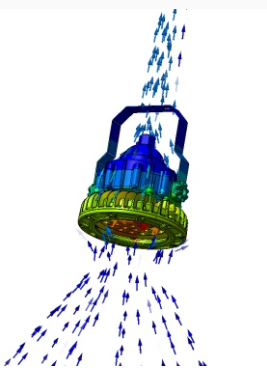
Thermal Conductivity



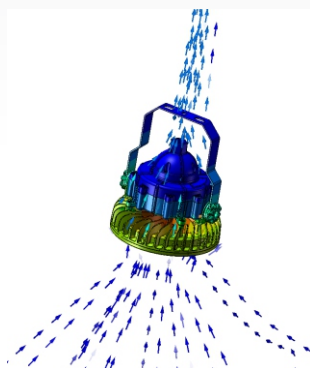
Thermal Conductivity



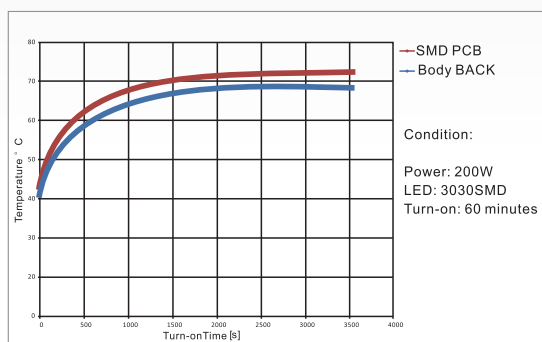
Thermal Air Flow



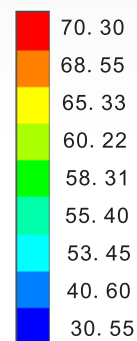
Thermal Air Convection



Thermal Air Convection

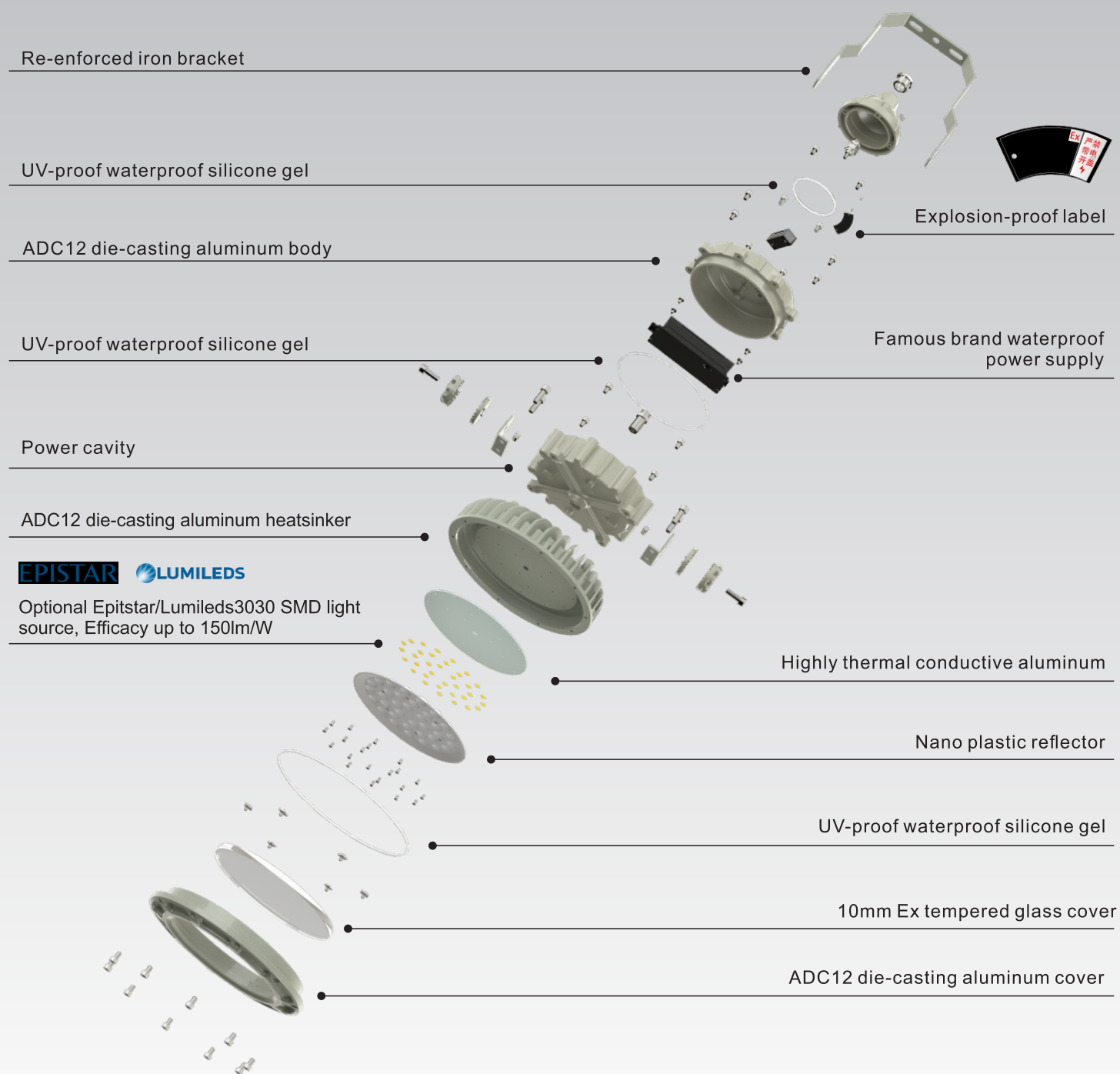


Temperature Rise Curve

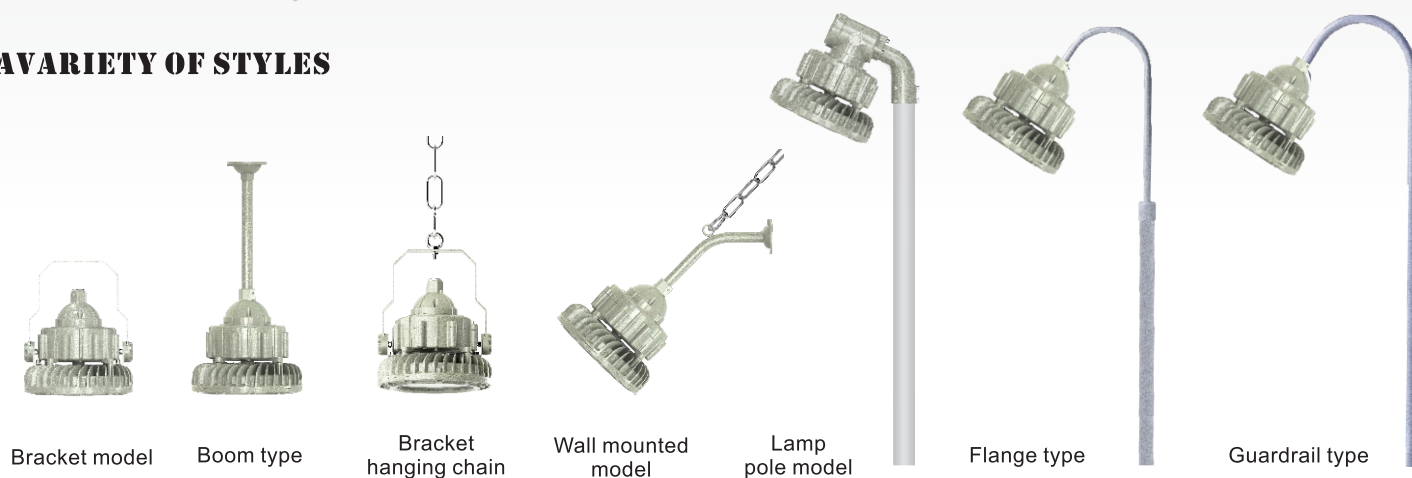


Unit: °C

## EXPLOED



## AVARIETY OF STYLES





## SCENCE IMAGE

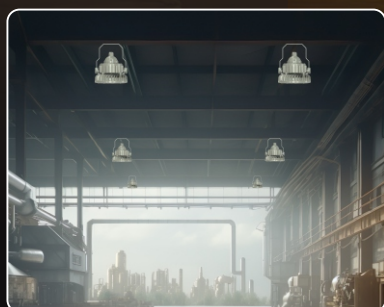
Suitable for a variety of  
complex indoor and outdoor  
applications  
Lighting environment,  
such as workshops,  
warehouses,  
Tunnels, chemical plants,  
smelters  
Gas stations and other  
dangerous places.



Drilling scenes



Shipyard scenes



Coal mine scenes

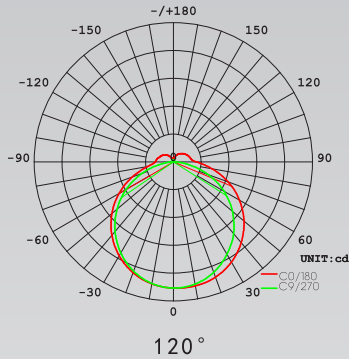




## OPTICS

Tech.Support: Tell us the room length, width, height and the usage.

We have an engineer team to respnd the DIALUX simulations for lights quantity calculation and effects. ies files are available upon request.



### 100W AVERAGE ILLUMINATION DIAGRAM

Light output: 17,375lm

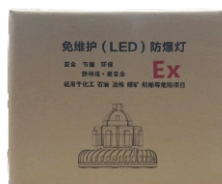
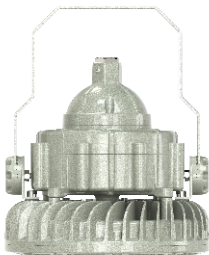
Height	Eavg, Emax	Beam angle: 120°	Diameter
1m	45,438.89787375x		222.09CM
2m	11,110.85039375x		444.18CM
3m	4,940.199259875x		666.27CM
4m	2,778.213588625x		888.37CM
5m	1,776.90313x		1110.46CM
6m	1,233.3505991125x		1332.55CM
7m	905.8237349875x		1554.64CM
8m	690.4771532375x		1776.73CM
9m	545.6647806125x		1998.82CM
10m	440.3889266125x		2220.92CM

Note: The curve is the illumination area of the lamp at different projection distances and the average illumination in the area.

## PRODUCT SPECIFICATIONS

Power	30W	50W	60W	70W	80W	100W	120W	150W	200W
Input Voltage	100-277V 50Hz								
Light source	CREE 3030								
LED Driver	MEAN WELL/INVENTRONICS/PHILIPS/MOSO/SOSEN								
Efficacy	150Lm/W								
PCB	Board thickness 2.0MM, 35 copper, high exposure, reflective white oil, black characters, pad OSP anti-oxidation								
CCT	3200-6500K								
PF	>0.95								
Protection level	IP66								
Glass material	10mm Ex Tempred Glass Cover								
Ra	Ra>80								
WF	WF1-WF2								
Introduction device	G3/4								
Cable specifications	10~20mm								
Ex	Ex demb IIC T5/T6 Gb/Ex tD A21 IP66 T95°C /T80°C								

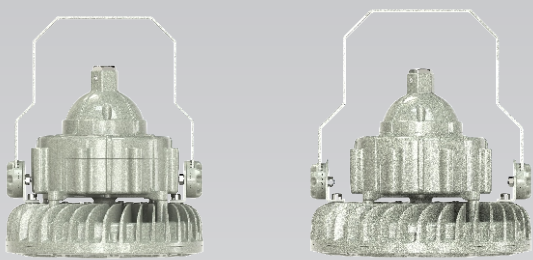
## PACKAGING





**AVARIETY OF STYLES**

Bracket model



100W

200W

Bracket hanging chain



100W

200W

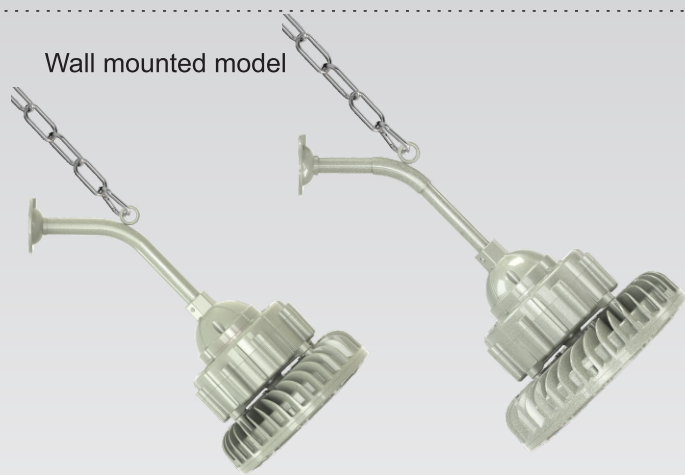
Boom type



100W

200W

Wall mounted model



100W

200W

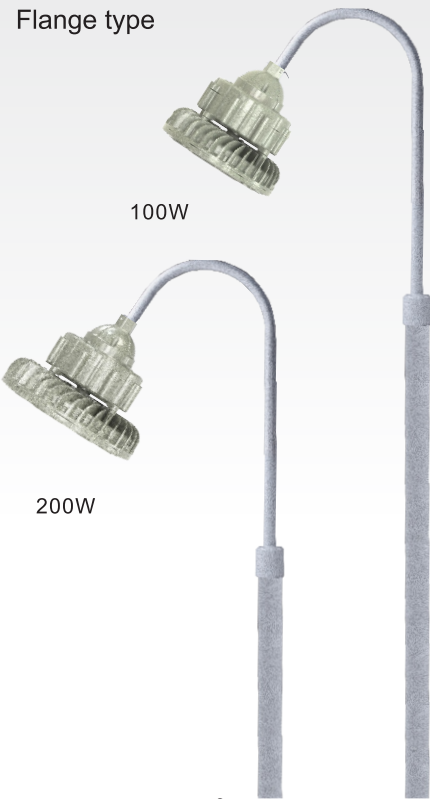
Lamp pole model



100W

200W

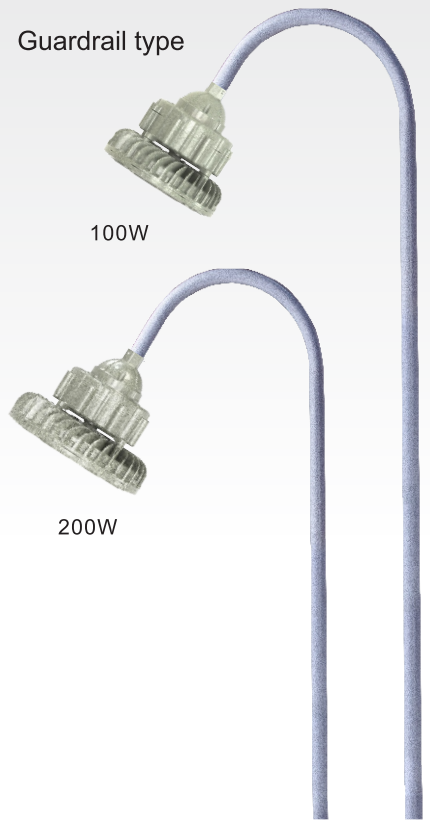
Flange type



100W

200W

Guardrail type



100W

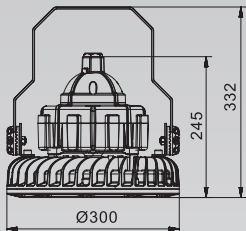
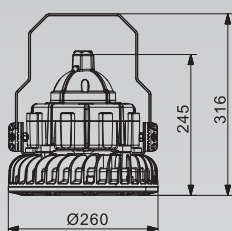
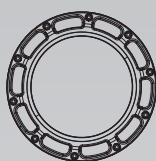
200W



## DIAGRAMS

unit:MM

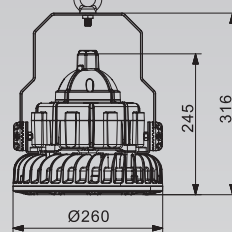
Bracket model



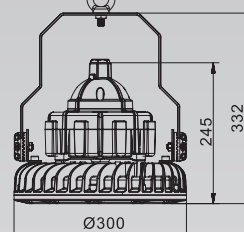
100W

200W

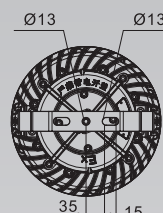
Bracket  
hanging  
chain



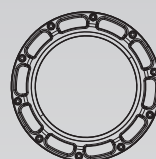
100W



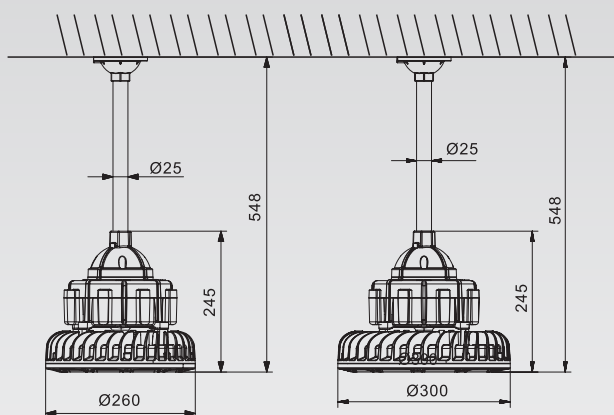
200W



100W/200W  
Universal bracket  
hole spacing



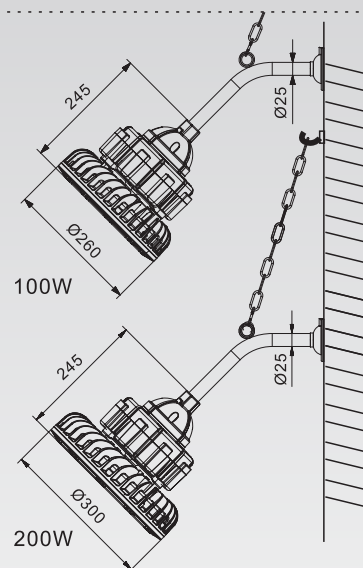
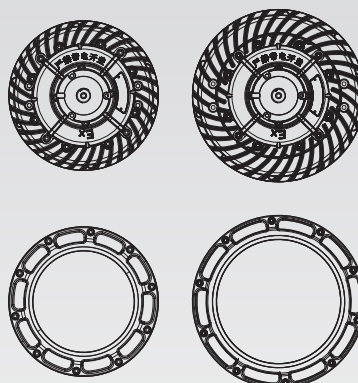
Boom type



100W

200W

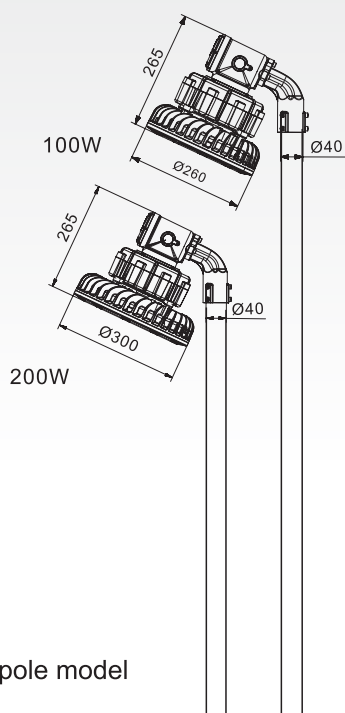
Wall mounted model



100W

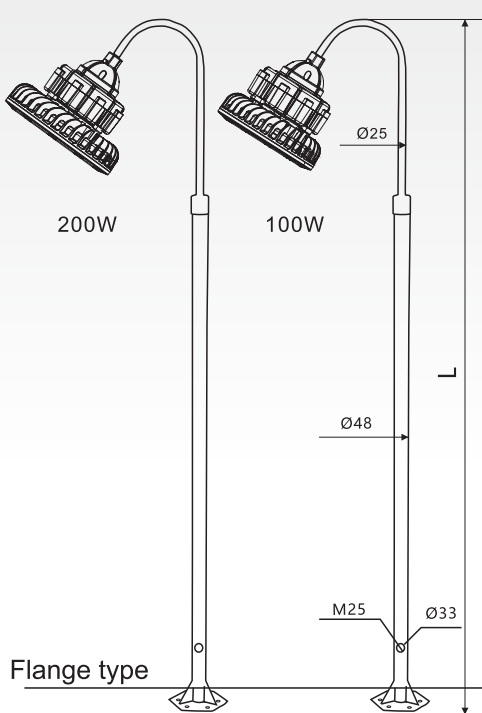
200W

Lamp pole model



100W

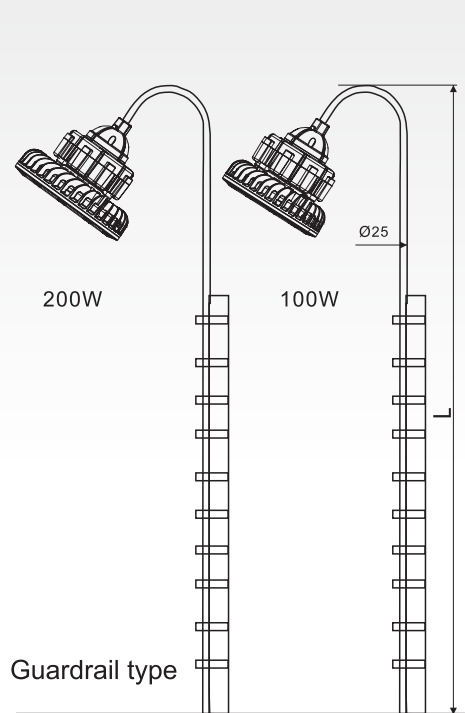
200W



200W

100W

Flange type



200W

100W

Guardrail type





## FEATURES:

1. Input voltage 100-277V/50HZ.
2. Efficacy 150lm/W.
3. Color temperature 3200-6500K.
4. Suitable for SMD CREE 3030.
5. Suitable for chemical work plant, logistics warehouses, and similar locations.
6. Anti-corrosion level WF1-WF2.
7. Explosion-proof signs:  
Ex demb IIC T5/T6 Gb/Ex tD A21 IP66/T95°C/T80°C.
8. Multiple installation methods: Bracket type, Hanging chain style, Boom type, Wall type, Lamp pole type, Flange type, Guardrail type, etc. six installation methods

## CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT dismantle the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes.  
It is harmful to eyes.
4. For outdoor lighting, waterproof measurements must be done to the cable terminals.



《Design Patent Certificate》



《Inspection Report》



《Explosion-proof Certificate》

## WARRANTY:

1. Product warranty for five years.
2. Warranty becomes void if the products is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user.
3. During the period of warranty time, if some products of us fails during normal circumstances and applications or have any defects above defined, we shall at our own choice replace or repair the defective products at no charge. And the liability claims would NOT exceed the value of the product itself.

## SHENZHEN FEICHI LIGHTING CO., LTD.

Telephone: 13528411508/13392903966(Mr. Chen)

18022050733 (Miss Zhang) 13680225080 (Miss Lin)

Email: 4989298@qq.com/734271756@qq.com Website: WWW.feichiex.com

Marketing Center Address: Room 905, No. 10-13, District C, Sanhe Overseas Chinese New Village,  
Ronghua Community, Dalang Street, Longhua District, Shenzhen City



Clear View