

## Technical Specification

### LED Explosion-proof high bay light



### Features:

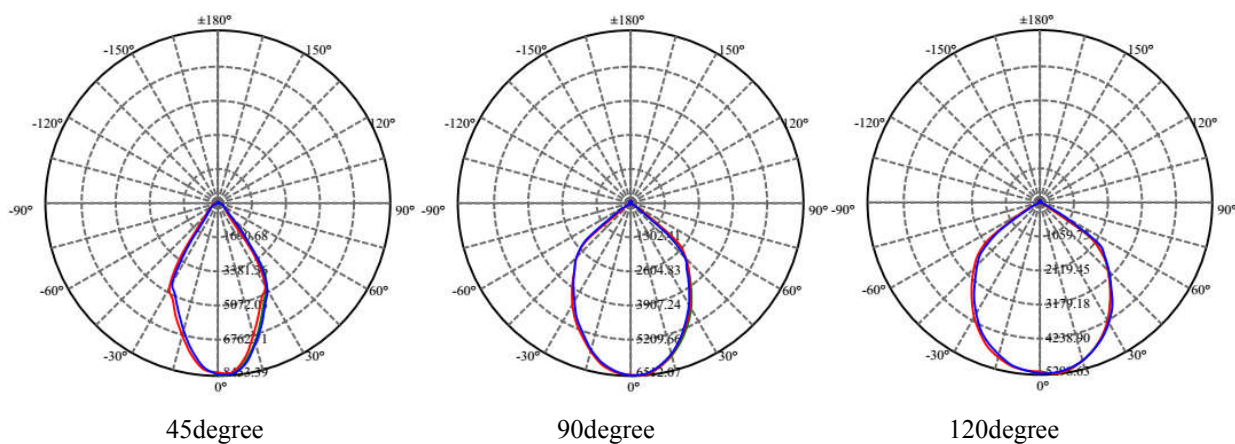
1. Comply to T5 grade standard of explosion-proof lamp, it is suitable for the area 2 where the explosive mixture of combustible gas, steam and air is formed.
2. Reasonable optical design and special material for lampshade, increase effective luminance.
3. Driver sealed by gluing and embedded design to ensure explosion-proof safety.
4. Unique sunflower shape with high-purity aluminum, good for heat dissipation.
5. Special shock-proof and sealed process, suit for all kinds of harsh environment.
6. Adopt brand Lifud driver and lumileds /refond 3030 LED components to keep quality, efficient and stable,,



**Parameters:**

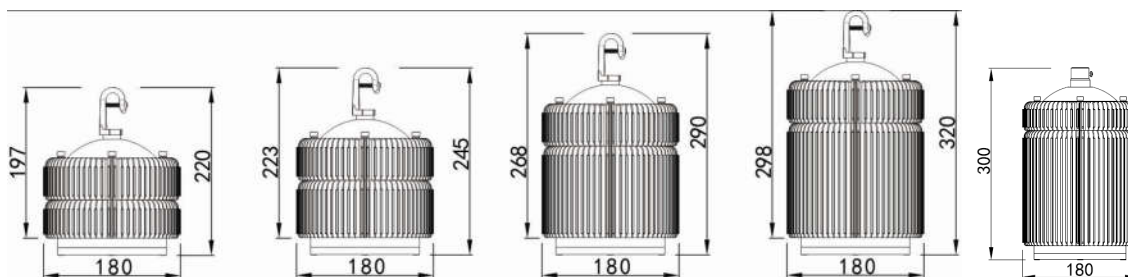
Model No.	CS200015	CS200025	CS200040	CS200075
Operating voltage	AC 220V-240V			
Power efficiency	92%			
Power factor	$\geq 0.95$			
Rated power	30W	50W	80W	150W
Light efficiency	110-120 lm/W			
Initial flux	3300 lm	5500 lm	8800 lm	18000 lm
Beam angle	45°、60°、90°、120°			
CCT	3000K/4000K/5000K/5700K/6500K			
CRI	$\geq Ra70$			
Light source	3030			
Working environment	-20℃~+45℃, 10%~90%RH			
Storage temperature	-20℃~+45℃			
LED lifespan	$\geq 50000$ Hours			
Lamp body	Aluminum Alloy+Glass			
Dimension	Φ 180*220mm	Φ 180*245mm	Φ 180*290mm	Φ 180*320mm
QTY/carton	4PCS/Carton			
Packing size(L*W*H)	485*485*335mm		485*485*405mm	
N.W/PC	3.35kg	3.6kg	4.3kg	5.4kg
G.W/Carton	15.2kg	16.3kg	19.2kg	23.4kg
Surge voltage	4KV			
Explosion-proof mark/Type/Standard	Ex Nc IIC T6/T4 Gc、No Spark			
IP Gade	IP67			
Installation	Lifting			

## Light intensity distribution Graph



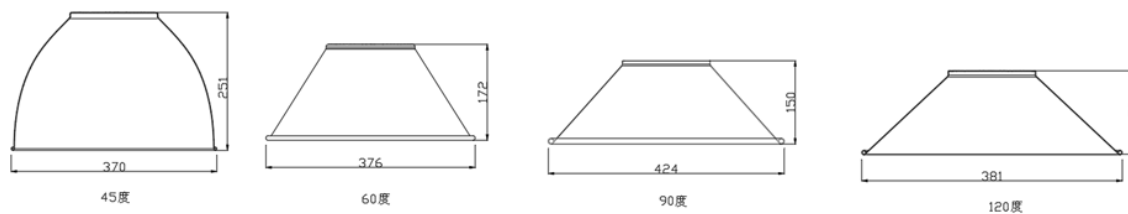
## Dimension

### Lamp body size



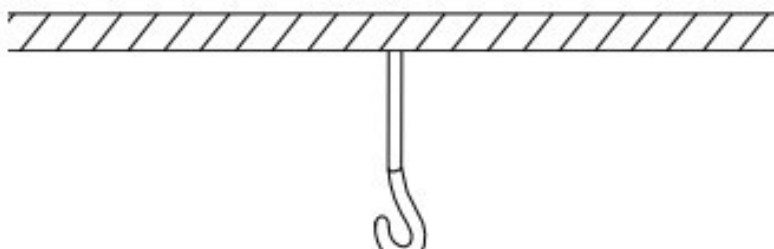
CS-200075

### Lampshade size



## Installation

1---Install a hook like photo ( hook must have 30kg load-bearing at least );



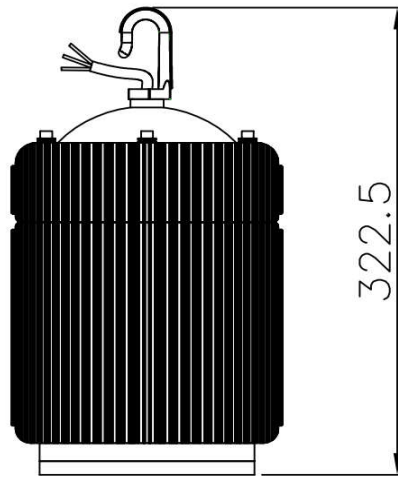
2---Connect  
lamp:

wire with the

Brown——L

Blue———N      Yellow green——— Grounding

connector with insulation treatment , exposed cable must done with isolated treatment:



3---Power on to confirm the lamp works ;

### Caution:

- 1---The hook and its appurtenance must have load-bearing at least 30kg, otherwise it may caused harmful ;
- 2---The wire used must be CCC approved 3 core sheathed wire , avoid fire accident caused .
- 3---The connection wire of Input terminal must be 3 core sheathed wire, Brown for live line , Blue for Neutral line , Yellow green for grounding line . Please do not make a wrong connection;
- 4---Connector with insulation treatment, copper core exposed is not allowed , avoid any circuit short or electric shock accident ;
- 5---Shut off power while installing or replacing component avoid electric shock ;
- 6---Non-professionals can not open the power box or do maintenance;
- 7---Wearing gloves while installing in case hand scratched by radiator。