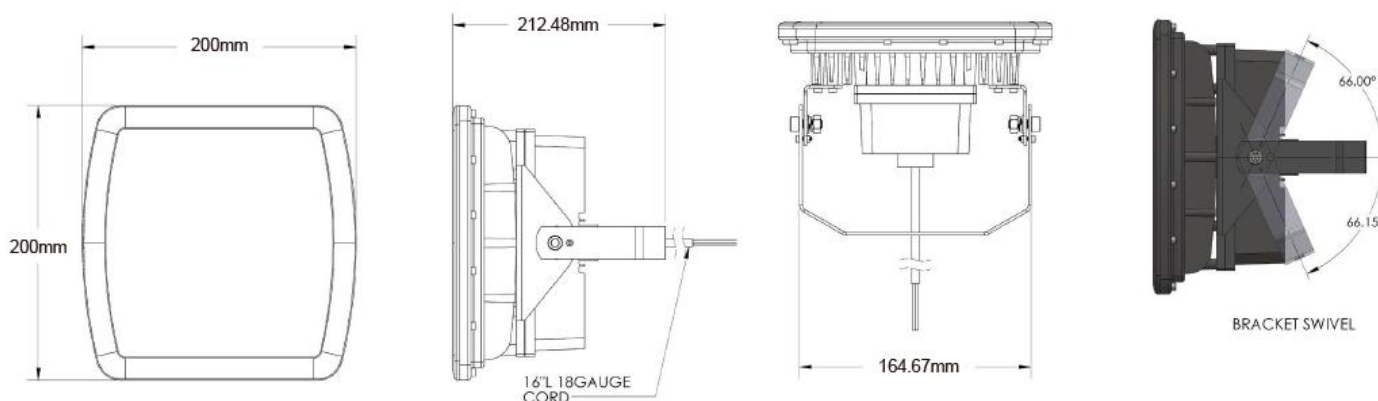# LED Explosion Proof Lighting

10W~30W

APPEARANCE

- Self-developed with ready patent (no. ZL2010202338350)
- IP68 waterproof protection
- Material: Die-casting Aluminum Alloy ADC12
- Power coating: Sprayed with unique paint material, good heat transmission
- Lens: Toughened glass, 4mm thickness, shock & vibration resistant, >95% light transmit
- Gasket: water proof silicon, top quality rubber with anti-low aging and burn-proof characteristic

LED LIGHT ENGINE

- Bridgelux 3030 chip, LM80 Certify
- Efficacy : up to 150lm @ 350Ma (per watt)
- Color option: CW/NW/WW//Custom color
- CRI >73
- Rated Life of 100,000+ hrs
- No toxic chemicals / RoHs compliant
- 70%-80% energy saving compare to HPS/MH

DIMENSIONS

200mm
200mm

212.48mm
16"L 18GAUGE CORD

164.67mm

66.00°
66.15°
BRACKET SWIVEL

QUALIFICATION

➢ ISO 14001: Recognition with IAF & CNAS
➢ ISO 9001: Recognition with IAF & CNAS
➢ IEXEX (Global) : EX ec IIC T4 Gc
➢ ATEX Zone 1 : EX II 2G Ex eb mb IIC T4 Gb / ATEX Zone 2 : EX II 2D Ex tb IIIC T(95℃) Db
➢ UL844 (American): Class I Division 2 Group A, B, C, D
➢ UL1598 Luminaries: UL1598A Marine; UL8750
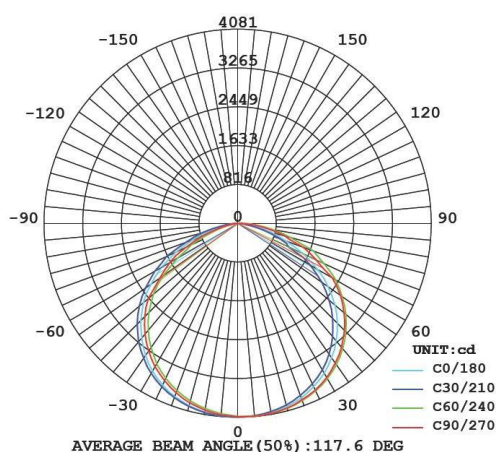➢ CSA C22.2 No. 137-M1981

Technical Parameters

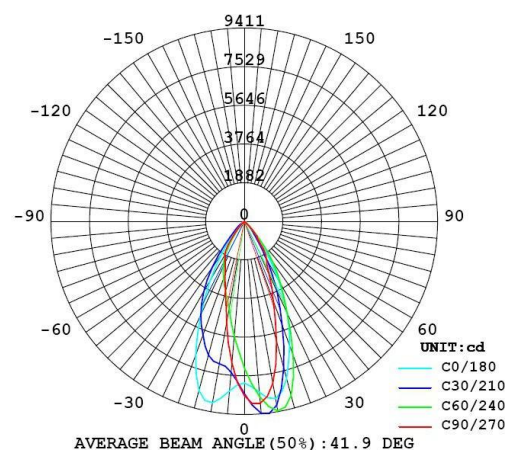| Parameter	Value
Power	30W (10W~30W)
Model No.	CES-J40S
Dimension	200 * 200 * 147mm
Input Voltage &Frequency	AC100-277V/50/60Hz
Input current	0.35 ~ 0.55A
Power Factor (PF)	≥0.98
THD	<10%
LED Driver	Meanwell HLG Series
Luminous Flux	115lm/w
CRI	>73
CCT Color	CW/NW/CW/Custom color
Beam Angle	8°/15°/36°/60°/90°/120°
Working Temp.	-40 °C to +55 °C
IP Grade	IP68
Lifespan	>50,000hrs
Housing	ADC12,painting powder coated ,aluminum alloy
Net weight	4kgs
Warranty	5 years

Application

- Suitable for oil well,refineries, gas station, petroleum and chemical industries, coal mine, military, airport, warehouse, marine etc.
- Zone1 & Zone2 gaseous environment, and Zone21 & Zone22 dust environment.
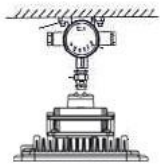

Distribution Curve

120°x120°

60°x30°

Packing Information

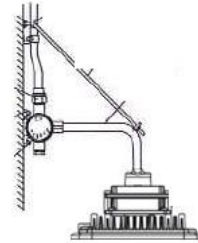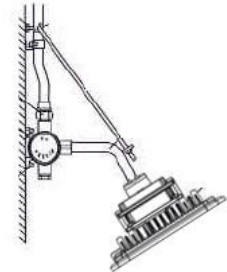| Model No.	Power	PCS/CTN	Net Weight	Gross Weight	Carton Size(mm)
CES-J40S	30W/40W	1	4kgs	4.5kgs	360*250x200mm
CES-J100	100W	1	7.5kgs	8.5kgs	370x370x240mm
CES-J200	185W	1	11.5kgs	12.5kgs	460x460x240mm

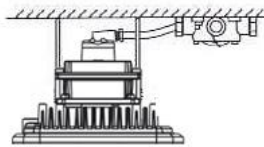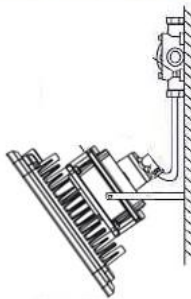**Installation**

A. Ceiling Mount

B. Drop Mounting

C. Wall Mount

D. Wall Mount

E. U-Bracket Mounting

F. Pole Mount

G. Pole Mount

2500 - 3000

200
150
200
150
4-Φ20