LED ⬤ INDUSTRIAL LIGHTS

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Patent Protection

LED Explosion-proof Light

INEP-02-G2 120W Explosion-proof

Ex ATEX · Zone 1 · Zone 2 · Zone 21 · Zone 22 · TÜV SÜD · CB · SAA · CE · RoHS · IEC EN60598 · IP66 · >50,000h · Max 50℃ -40℃ · Outdoor

Better solutions for LED Explosion-proof Light

- **IP66 water-proof**
- **Easy Installation**
- **AC100-277V 50/60Hz**
- **140lm/W**

Operating Temp.: -40℃～+50℃   **Storage Temp.:** -40℃～+80℃

Options

Driver	Housing Color	CCT
Sosen Driver	Grey	3000K
	Orange	4000K
		5000K
		5700K

CLASSIFICATIONS & RATINGS

- Class I , Division 1 , Groups C , D
- Class I , Division 2 , Groups A , B , C , D
- Class II , Division 2 , Groups E , F , G
- Class III
- Zone 1,Group IIC
- Zone 2,Group IIC
- Zone 21,Group IIIC
- Zone 22,Group IIIC

Ex ATEX
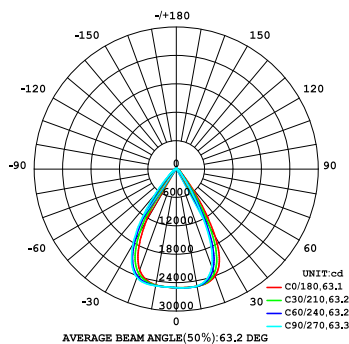
II 2G Ex db IIC T6 Gb
II 2D Ex tb IIIC T80°C Db IP66

Application

The Explosion Proof Light can be widely used in Refineries,Fuel deports,Marine vessels,Chemical production processing,Food processing,Wineries, and otherhigh humidity,high temperature dusty places.
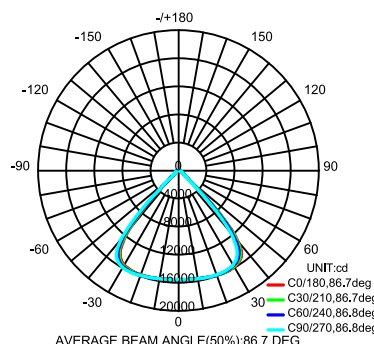
Specifications

Item	Power	Effi.	Leds	CRI	Weight	Beam Angle
EP120W-02-G2	120W	140lm/W	Lumileds	>80	12.10kg(26.7lbs)	60°/90°/120°
EP150W-02-G2	150W	140lm/W	Lumileds	>80	12.10kg(26.7lbs)	60°/90°/120°
EP180W-02-G2	180W	140lm/W	Lumileds	>80	12.10kg(26.7lbs)	60°/90°/120°
EP200W-02-G2	200W	140lm/W	Lumileds	>80	12.10kg(26.7lbs)	60°/90°/120°
EP240W-02-G2	240W	140lm/W	Lumileds	>80	12.10kg(26.7lbs)	60°/90°/120°

Photometry

UNIT:cd
C0/180,63.1
C30/210,63.2
C60/240,63.2
C90/270,63.3
AVERAGE BEAM ANGLE(50%):63.2 DEG
60° (Optional)

UNIT:cd
C0/180,86.7deg
C30/210,86.7deg
C60/240,86.8deg
C90/270,86.8deg
AVERAGE BEAM ANGLE(50%):86.7 DEG
90° (Optional)

UNIT:cd
C0/180,115.2
C30/210,115.1
C60/240,114.8
C90/270,114.9
AVERAGE BEAM ANGLE(50%):115.0 DEG
120° (Standard)

Dimensions(mm)

3/4"-NPT

390.00 [15.35"]

327.00 [12.87"]

120° 120°
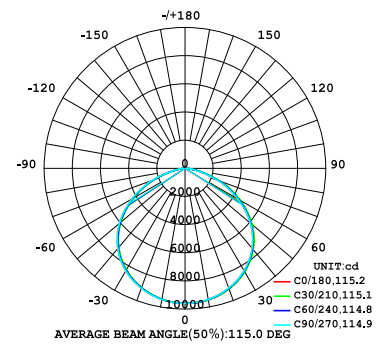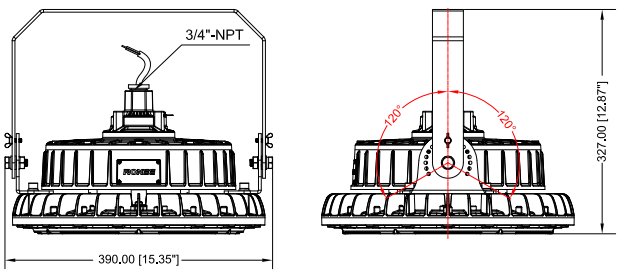
Model Options

P1   P2   P3   P4

Installation and use

P1 Bracket Mount

P2 Street Mount

P3 Flanged Mount

P4 Hanging Mount
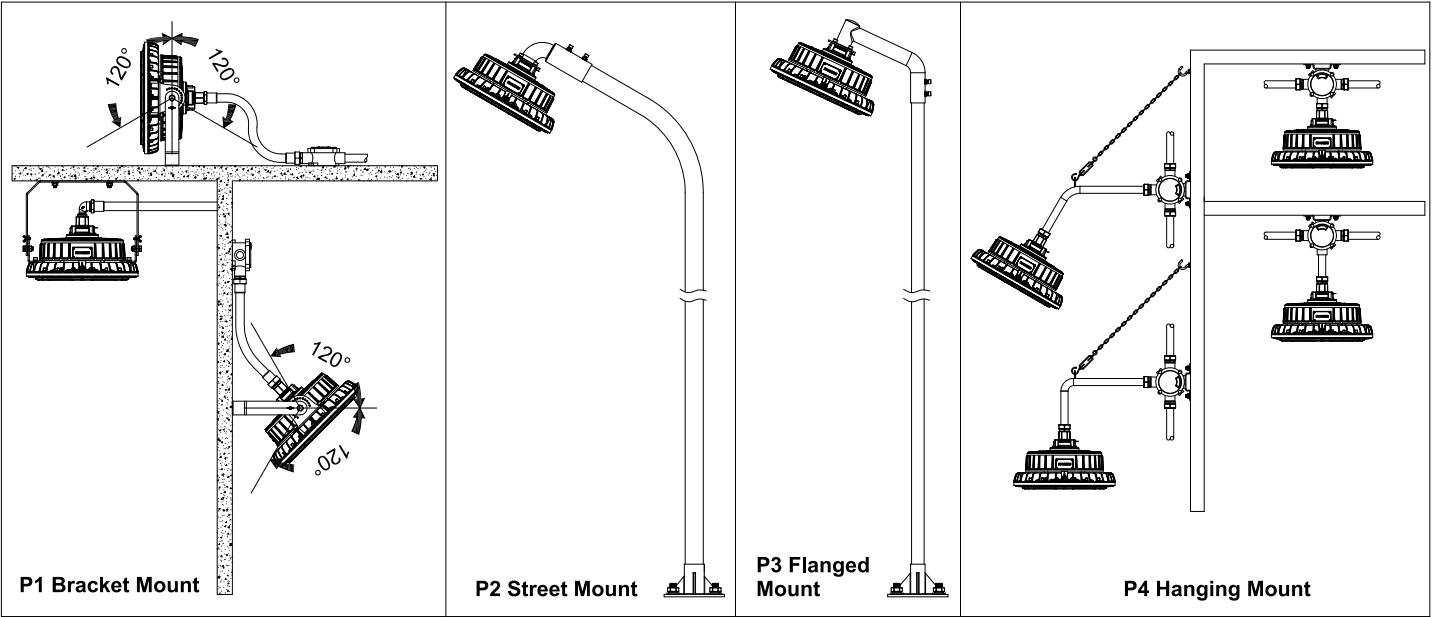
Packing Spec

Item	Box			Carton		
	Measurement(mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/box
EP120W~240W-02-G2-P1	L475*W450*H290	13.50kg(29.8lbs)	1	/	/	/