TORMIN

BC9302P Series
LED Explosion Proof FloodLight

Ex

IECEx

ATEX

IP 66

Ta 40/55

Ta -40

Beam angle:200°

Ex marking: Ex db op is IIC T5/T6 Gb
Ex tb op is IIIC T95℃/T80℃ Db

Application

Equipment platform, equipment layer area, main and auxiliary workshop, channel, pipeline, joint station, transfer station, pump valve shed, tank, material sample, plank road, warehouse room, warehouse and other places.
Hazardous Gas Zone 1 and Zone 2
Dangerous dust Zone 21 and Zone 22

Characteristics

■ Large light surface flexible light output, no glare, no blue light hazard, especially suitable for long-term lighting in a working environment.

■ The translucent cover is made of non-transparent tempered glass, which is extremely resistant to weathering and acid and alkali.

■ The shell is made of aluminum alloy, the standard part is made of 304 stainless steel, and the surface is made of high-tech anti-corrosion treatment technology, which is suitable for various harsh industrial environments.

■ The luminaire has two access ports, which can be used in parallel as a connection, saving the cost of installing the junction box in the middle.

■ The lamp opening and closing connection design enable single person installation and maintenance, saving labor costs.

■ American Lumileds light source, the overall lighting efficiency is as high as 100lm / W, compared with the metal halide lamp energy saving more than 60%.

■ The whole lamp protection grade is IP66, which can be applied to various indoor and outdoor sand dust or rain fog and sea wave environment for a long time.

Main Specification

	100~240VAC/120~270VAC(30~60W)
Rated voltage (V)	200~240VAC(80W)
	20~38VAC/20~48VDC(30~60W)
Rated frequency	50Hz / 60Hz
Light source	LED
Life time(h)	50,000h
CCT	5000K(3000K/4000K optional)
Screw thread	G3/4, M20, M25, NPT3/4", NPT1/2
Leading-in cable diameter	φ9mm~φ14mm
Dimension (mm)	φ240×220
Net weight (kg)	5

Ordering reference

| Ordering reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height(m)	Light distribution curve (1000cd/lm)	Replace to Metal halide lamp
BC9302P-L30-200°		30W	2800	1.75	2~5m		70W
BC9302P-L40-200°		40W	3600				100W
BC9302P-L50-200°		50W	4500				100W
BC9302P-L60-200°		60W	5700		3~6m		150W
BC9302P-L80-200°		80W	7200				175W

*The lamp can be matched with a flat lens: 80°

Drawing of dimension (Dimensions in mm)

Wall mounting 150°
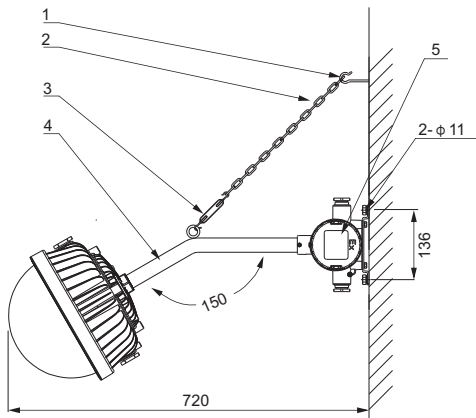
Wall mounting 90°
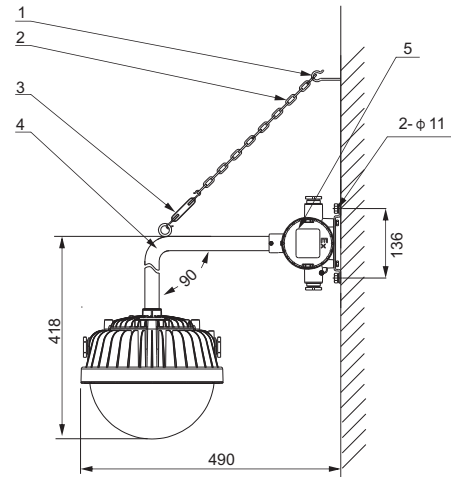
Accessories list (optional)

Ordering reference	Item No.	Specification	Qty
P04	1	Expansion screw hook	1
	2	Chain	1
	3	C-C Spiral buckle	1
	4	90° pole with G3/4"	1
BHD01	5	Explosion proof junction box	1

Accessories list (optional)

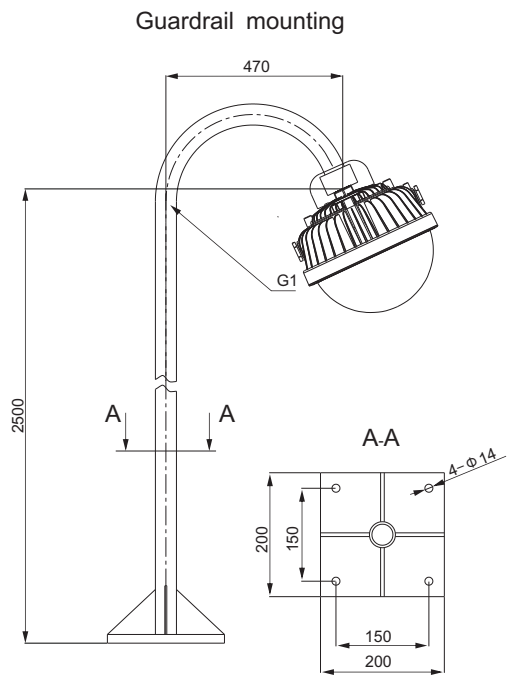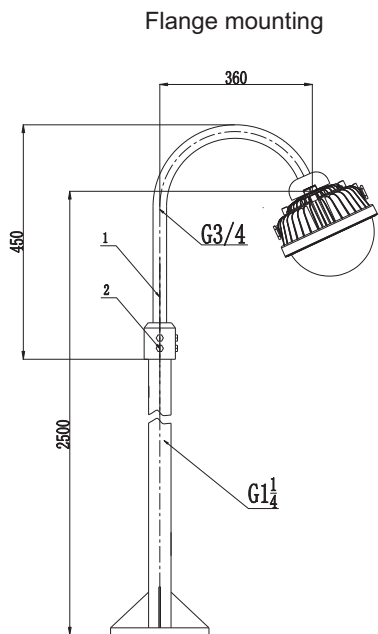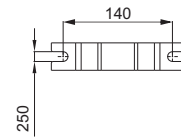| Ordering reference	Item No.	Specification	Qty
P03	1	Expansion screw hook	1
	2	Chain	1
	3	C-C Spiral buckle	1
	4	150° pole with G3/4"	1
BHD01	5	Explosion proof junction box	1

Pole mounting

136 2-φ11
140
555
220
φ240
2
1
Ex

Ceiling mounting

280
140
250
G3/4"

140
250
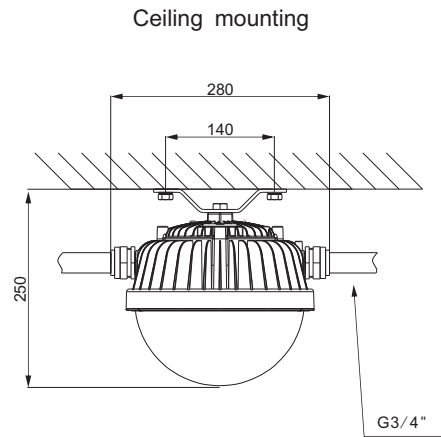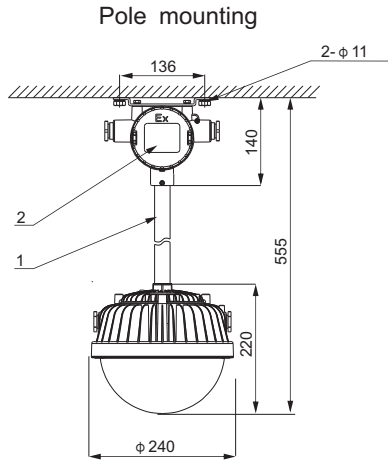
Accessories list (optional)

Ordering reference	Item No.	Specification	Qty
P01	1	30cm Pole (G3/4")	1
BHD01	2	Explosion proof junction box	1

Flange mounting

360
450
2500
1
2
G3/4
G1¼

Guardrail mounting

470
2500
G1
A   A
A-A
4-φ14
200
150
150
200

Accessories list (optional)

Ordering reference	Item No.	Specification	Qty
P05	1	Guardrail light pole	1
	2	Locking screw	4

Accessories list (optional)

Ordering reference	Item No.	Specification	Qty
P06	1	Flange light pole	1

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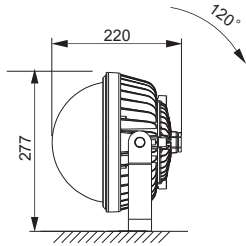| Ordering reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height(m)	Light distribution curve (1000cd/lm)	Replace to Metal halide lamp
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BC9302S-L50-200°		50W	4500				**100W**
BC9302S-L60-200°		60W	5600		3~6m		150W
BC9302S-L80-200°		80W	7200				175W

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Drawing of dimension (Dimensions in mm)

Seat mounting

Side Wall mounting

120°

220

277

265

12.5

30

24

φ12.5

120

Installation size