TORMIN BC5401 LED Explosion Proof Light



Ex marking: Ex db eb IIC T6 Gb
Ex tb IIIC T80℃ Db, IP66



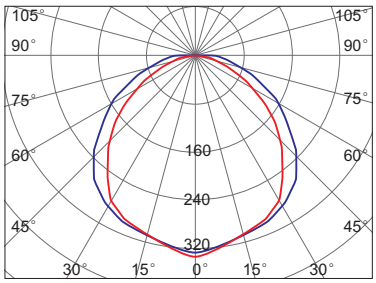
Application

- It can be widely used in petrochemical plants, oil platforms, oil pump housing, transit stations and other flammable and explosive places as fixed lighting.
- Gas explosive environment: Group IIA, IIB, IIC.
- Zone1, Zone2; Zone21, Zone22

Characteristics

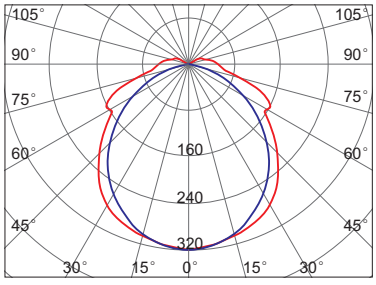
- It is made using a special aluminum housing, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, hydrogen sulfide, etc.
- Derrick mounting fixture adopt high anti-corrosive aluminum and locking angle equipment, can be safely used in drilling platforms and high vibration environment.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent high pressure environment
- Bracket, reflector, guard, and all exposed fasteners adopt 304 stainless steel (customizable 316), can effectively guarantee the strength and strong anti-corrosion performance of lamp
- Terminals are provided at both ends, can be directly wired in parallel, eliminating the junction box and installation costs.
- A variety of installation as optional: ceiling, oil derrick, the side walls, curved rods, boom, etc.

Light distribution curve



2×20W(T8 led tube) — 0° — 90°

Distance high： 1. 5



2×10W (T8 led tube) — 0° — 90°

Distance high： 1. 5

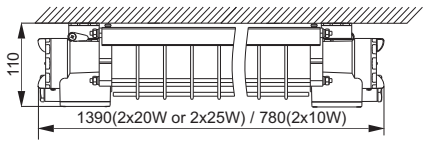
Main Specification

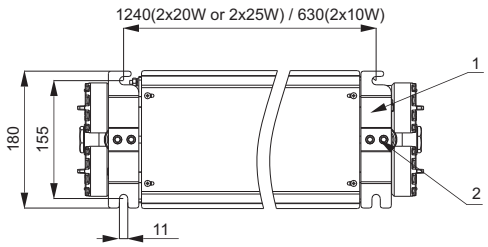
Item	Technical Parameters		
Rated wattage (W)	2×25W(T8)	2×20W(T8)	2×10W (T8)
Input voltage (V)	90~264VAC		
Rated frequency	50Hz / 60Hz		
Light source	LED		
Light output (lm)	5100	4800	2200
CRI (Ra)	80		
Life time (h)	50,000		
CCT	5000K		
Cable entry thread	M20×1.5, M25×1.5, NPT3/4", NPT1/2", G3/4"		
Terminals	Multi core: ≤ 2.5mm²		
	Single core: ≤ 4mm²		
Dimension (mm)	1390×180×110	1390×180×110	780×180×110
Net weight (kg)	10.7	10.7	6.6

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Drawing of dimension (Dimensions in mm)

Ceiling mounting





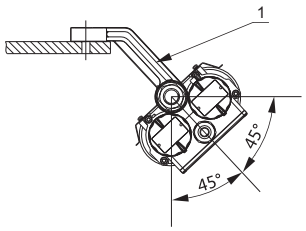
Lamps Ordering Information

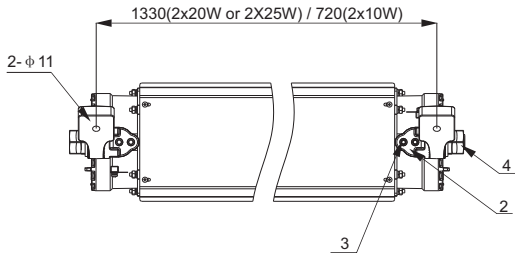
Order number	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L2×10A	Ceiling	2×10W	2×20W
BC5401-L2×20A		2×20W	2×40W
BC5401-L2×25A		2×25W	2×50W

Fitting Ordering Information (Standard)

Order number	No.	Specifications Model	Quantity
P01	1	Ceiling Bracket	2
	2	M8 Inner six angle bolt	4

Derrick mounting





Lamps Ordering Information

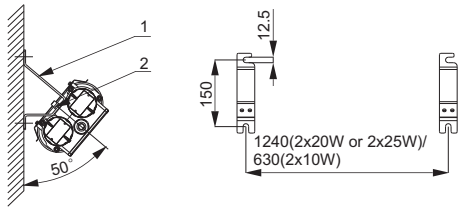
Order number	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L2×10A	Derrick type	2×10W	2×20W
BC5401-L2×20A		2×20W	2×40W
BC5401-L2×25A		2×25W	2×50W

Fitting Ordering Information(Optional)

Order number	No.	Specifications Model	Quantity
P02	1	Derrick bracket	2
	2	Base	2
	3	M8 Inner six angle bolt	4
	4	M24 screw	2

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Side wall mounting



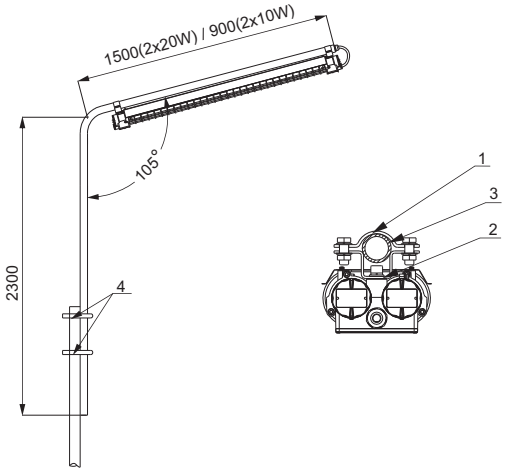
Lamps Ordering Information

Order number	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L2×10A	Side wall	2×10W	2×20W
BC5401-L2×20A		2×20W	2×40W
BC5401-L2×25A		2×25W	2×50W

Fitting Ordering Information (Optional)

Order number	No.	Specifications Model	Quantity
P03	1	Sidewall bracke	2
	2	M10 Inner six angle bolt	4

Pole mounting



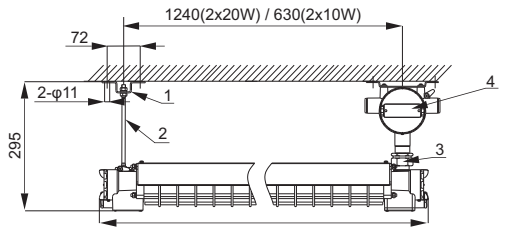
Lamps Ordering Information

Order number	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L2×10A	Pole	2×10W	2×20W
BC5401-L2×20A		2×20W	2×40W

Fitting Ordering Information (Optional)

Order number	No.	Specifications Model	Quantity
P04	1	Upper hoop	2
	2	Under hoop	2
	3	DN32 Poles	1
	4	U tube clip	2

Ceiling mounting 2



Lamps Ordering Information

Order number	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L2×10B	Ceiling	2×10W	2×20W
BC5401-L2×20B		2×20W	2×40W
BC5401-L2×25B		2×25W	2×50W

Fitting Ordering Information (Optional)

Order number	No.	Specifications Model	Quantity
P05	1	Pole mounting bracket	1
	2	19cm Screw(M8)	1
P02	3	Connector G3/4" male- male	1
BHD01	4	Explosion proof junction box	1