Plafoniera industriale IP66 ATEX BC5401 LED

VoltNexT

IECEx
ATEX
CE
RoHS
IP 66
Ta 55
Ta -40

Ex marking: Ex de op is IIC T5 Gb
Ex op is tb IIIC T95℃ 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
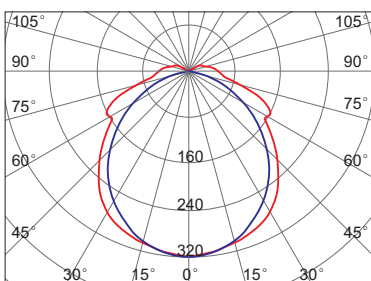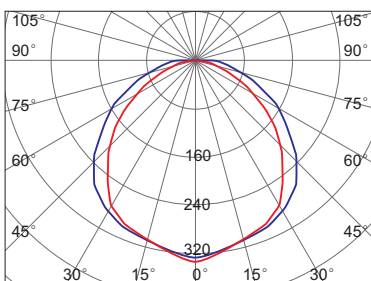
Main Specification

Item	Technical Parameters			
Rated wattage (W)	2×20W(T8)	2×10W (T8)	2×28W (T5)	2×14W (T5)
Input voltage (V)	90~264VAC		220~240VAC, 110VAC	
Rated frequency	50Hz / 60Hz		50Hz / 60Hz	
Light source	LED		Fluorescent	
Light output (lm)	3600	1800	3400	1700
CRI (Ra)	80		70	
Life time (h)	50,000		8,000	
CCT	5000K		6500K	
Cable entry thread	M20×1.5, M25×1.5, NPT3/4", NPT1/2", G3/4"			
Terminals	Multi core：≤2.5mm^2			
	Single core：≤4mm^2			
Dimension (mm)	1390×180×110	780×180×110	1390×180×110	780×180×110
Net weight (kg)	10.7	6.6	10.7	6.6

Drawing of dimension (Dimensions in mm)
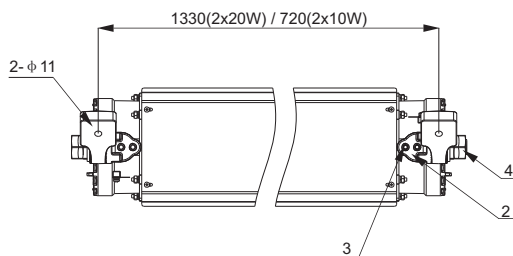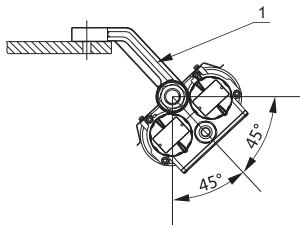
Ceiling mounting
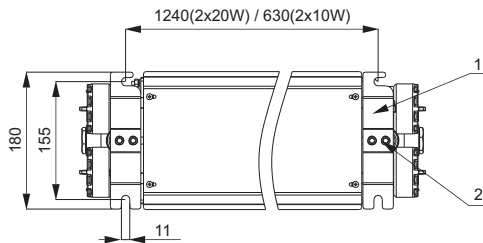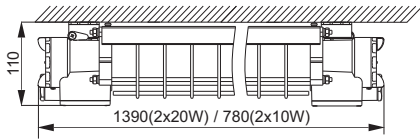
Lamps Ordering Information

Order No.	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L20A	Ceiling	2×10W	2×20W
BC5401-L40A	Ceiling	2×20W	2×40W

Fitting Ordering Information (Standard)

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

Derrick mounting

Lamps Ordering Information

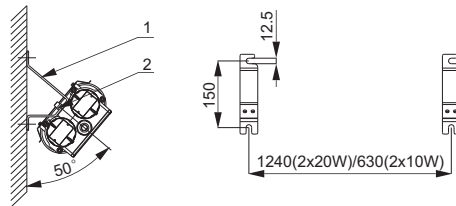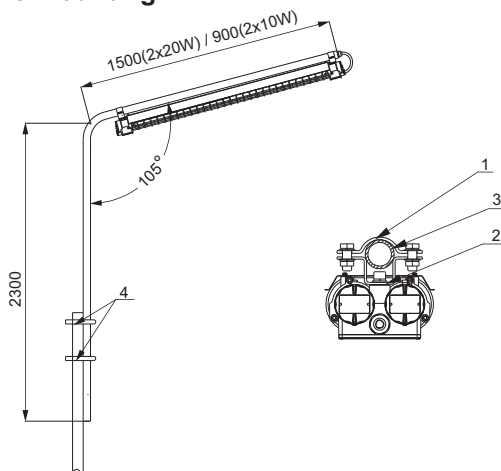| Order No.	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L20A	Derrick type	2×10W	2×20W
BC5401-L40A	Derrick type	2×20W	2×40W

Fitting Ordering Information(Optional)

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

Side wall mounting

Lamps Ordering Information

Order No.	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L20A	Side wall	2×10W	2×20W
BC5401-L40A		2×20W	2×40W

Fitting Ordering Information (Optional)

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

Pole mounting

Lamps Ordering Information

Order No.	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L20A	Pole	2×10W	2×20W
BC5401-L40A		2×20W	2×40W

Fitting Ordering Information (Optional)

Order No.	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
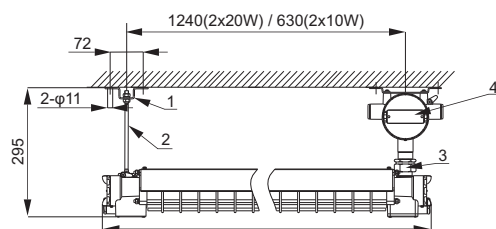
Lamps Ordering Information

Order No.	Mounting type	Lamp power	Equivalent to Fluorescent
BC5401-L20B	Ceiling	2×10W	2×20W
BC5401-L40B		2×20W	2×40W

Fitting Ordering Information (Optional)

Order No.	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