

BFC8115 / BTC8115 EXPLOSION-PROTECTED LED LIGHT FITTING



- For use in hazardous locations
- LED light source featuring high luminous efficacy and long life
- Two optical distributions: narrow beam and broad beam
- Light alloy made enclosure
- High reliability for long time use
- Suitable for seat mounting, wall mounting and ceiling mounting

140 lm/W

IP 65





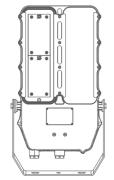


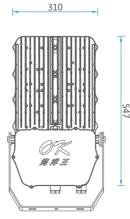
DIMENSION DRAWINGS

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*all dimensions in mm





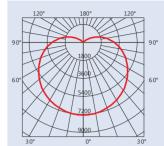


TECHNICAL DATA

Certification International approvals IECEX, ATEX, SASO, CNEX Coding Ex mb nA IIC T6 Gc, Ex tD A21 IP65 T6 Ex mb nA IIC T5 Gc, Ex tD A21 IP65 T5 **Conformity to standards** IEC 60079 / IEC 60598 Material Body material Aluminum alloy with epoxy powder coating Diffuser Tempered glass **Light source** Brand OSRAM Wattage 70 W / 100 W / 150 W Type LED Luminous flux 140 lm / W Life 100000 h **Rated voltage** 220 V - 240 V AC 50 Hz / 60 Hz Class of insulation Class I **Degree of protection** IP 65

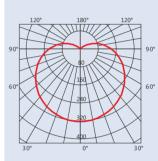
PHOTOMETRIC DATA

BFC8115 70 W / 100 W / 150 W, BTC8115 100 W / 150 W LED photometric data The data from OSRAM lamp Luminous intensity distribution cd / 1000 lm



Narrow hea

cd / 1000 lm Ratio of distance to height: 0.29



Broad beam

cd / 1000 lm Ratio of distance to height: 1.32

We can provide lighting design and data by professional lighting software based upon simulated site situation on request.

SELECTION TABLE

Operating temperature -20 °C to +40 °C

Cable entry G3/4

Corrosion-proof class WF2

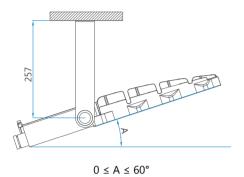
Model	Lamp power (W)	Lamp type (W)	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8115/70/LED	70	LED	0.7	6200 - 7000	9.2
BFC8115/100/LED	100	LED	0.7	6200 - 7000	9.5
BFC8115/150/LED	150	LED	0.7	6200 - 7000	9.8
BTC8115/100/LED	100	LED	0.7	6200 - 7000	9.5
BTC8115/150/LED	150	LED	0.7	6200 - 7000	9.8

OCEAN'S KING LIGHTING $\mathcal{O}_{\mathcal{H}\mathcal{F}}^{\mathcal{K}} \mid \mathsf{OKTECH}$ OCEAN'S KING LIGHTING

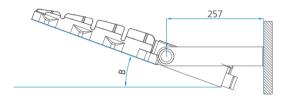
MOUNTING TYPE

*all dimensions in mm

Ceiling mount

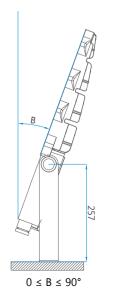


Wall mount



 $0 \le B \le 90^{\circ}$

Seat mount



Accessories for ceiling and wall mount						
No.	Name	Spec.	Qty.	Remark		
1	Expansion bolt (with nut, flat washer and spring washer)		lucor	Provided by		
2	Three-core cable	M12 × 40	Determined by use	usei		
3	Hex socket screw	M10 × 50 full thread	2			
4	Hex socket screw	M6 × 18	8	Provided by		
5	Standard spring washer	6	4			
6	Flat washer	6	4			
7	Serrated lock washer with external teeth	M6	2			
8	Gland nut	G3/4	1			
	Sealing ring 1	Ø7 - Ø8	1	Accessories		
9	Sealing ring 2	Ø9 - Ø10	1	should be ordered separately.		
9	Sealing ring 3	Ø11 - Ø12	1			
	Sealing ring 4	Ø13 - Ø14	1			
10	Flat washer	12	2			
11	Hex cap bolt 1	M12 × 25	1			
12	Hex cap bolt 2	M12 × 32	1			
13	U bracket		1	Provided by		
14	Cross-head screw	M4 × 8	6	manufacturer		
15	Setting dial		2			
16	Washer		2			
17	Standard spring washer	12	2			

SPARE PARTS

OCEAN'S KING LIGHTING

Name	Picture	Ordering code	Weight (KG)
Light source - 100 W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1311010274	0.045
Light source - 150 W	0.0.0.00	1311010275	0.046
LED driver - 100 W	S. Element of the Control of the Con	3037701010	0.990
LED driver - 150 W	E Branch Co.	3037701009	0.650