

APPLICATIONS

Designed for large area lighting in industrial outdoor hazardous locations, drilling sites, etc.

BFC8117 EXPLOSION-PROTECTED LED FLOODLIGHT



200 W

400 W



Zone 1

Zone 2

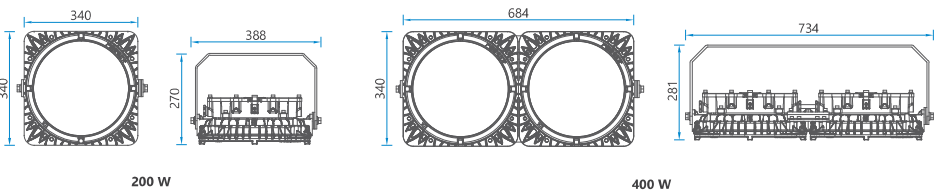
140 lm / W

IP 66

- Suitable for Zone 1 applications
- Degree of protection: IP 66
- LED light source providing high luminous efficacy and long service life
- Designed with a dimming interface (DC 0 - 10 V)
- Multiple mounting options such as seat mounting, wall mounting and ceiling mounting

DIMENSIONAL DRAWINGS

*all dimensions in mm

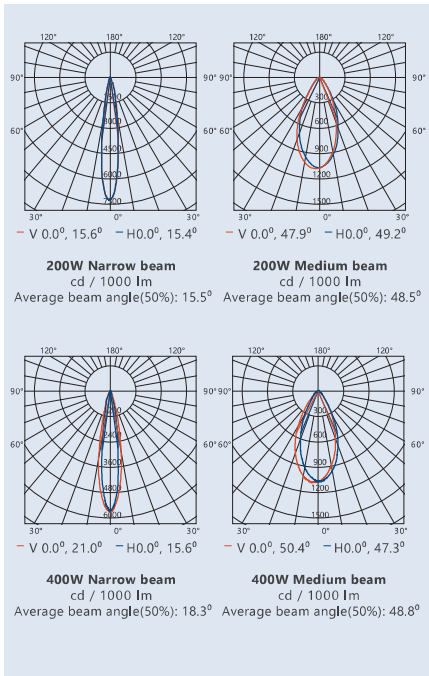


TECHNICAL DATA

Certification	International approvals	ATEX, IECEx, CCC, CNEX
	Coding	Ex db eb mb IIC T4 Gb Ex tb IIIC T135 °C Db
Conformity to standards	IEC 60079 / IEC 60598	
Material	Body material	Aluminum alloy with epoxy powder coating
	Diffuser	Tempered glass
Light source	Wattage	200 W, 400 W
	Type	LED
Luminous efficacy	Luminous efficacy	140 lm / W
	Life	100000 h
Rated voltage	100 V - 277 V AC 50 Hz / 60 Hz	
Class of insulation	I	
Degree of protection	IP 66	
Ambient temperature	-55 °C to +55 °C	
Cable entry	G3/4	
Corrosion-proof class	WF2	

PHOTOMETRIC DATA

BFC8117 200 W / 400 W
LED photometric data
Luminous intensity distribution cd / 1000 lm



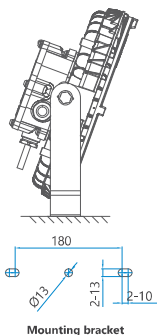
We can provide lighting design and data by professional lighting software based upon simulated site situation on request.

SELECTION TABLE

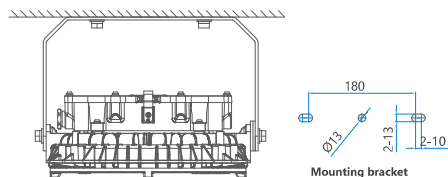
Model	Lamp power (W)	Lamp type	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8117/200/LED	200	LED	3.6	5700	11.0 ± 1
BFC8117/400/LED	2 × 200	LED	3.6	5700	22.0 ± 1

MOUNTING TYPE

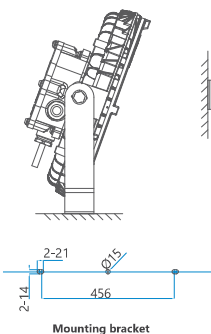
Seat mount (200W)



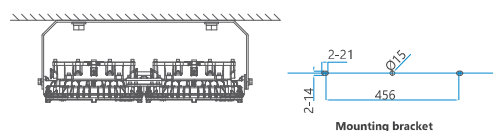
Ceiling mount (200W)



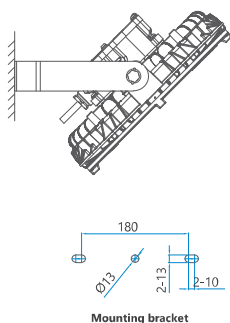
Seat mount (400W)



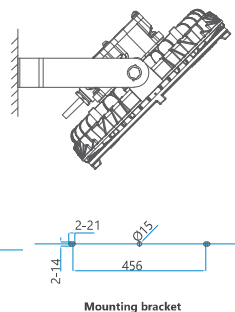
Ceiling mount (400W)



Wall mount (200W)



Wall mount (400W)



*all dimensions in mm

Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Expansion bolt (with nut, plain washer and spring washer)	M12	2	Provided by user	
2	Five-core cable	Ø8 - Ø14	Determined by user		
3	Mounting assembly	U-bracket (200W)	1		
4		Hexagon head bolt 1	M10 × 30	1	
5		Hexagon head bolt 2	M10 × 40	1	
6		Hexagon nut, style 1	M10	2	
7		Countersunk flat head screw with cross recess	M4 × 8	4	Provided by manufacturer
8		Spring washer	10	2	
9		Plain washer	10	2	
10		Setting dial		2	
11	Cable entry assembly	Gland nut	G3/4	1	
12		Sealing ring 1	Ø9 - Ø10	1	
13		Sealing ring 2	Ø11 - Ø12	1	
14		Sealing ring 3	Ø13- Ø14	1	
15		Plain washer - Small	14	1	

Accessories					
No.	Name		Spec.	Qty.	Remark
1	Expansion bolt (with nut, plain washer and spring washer)		M14	2	Provided by user
2	Five-core cable		Ø8 - Ø14	Determined by user	
3	Mounting assembly	U bracket (400W)		1	Provided by manufacturer
4		Hex cap bolt 1	M10 × 30	1	
5		Hex cap bolt 2	M10 × 40	1	
6		Hex nut	M10	2	
7		Cross-head screw	M4 × 8	4	
8		Standard spring Washer	10	2	
9		Plain washers	10	2	
10		Setting dial		2	
11	Cable entry assembly	Gland nut	G3/4	1	
12		Sealing ring 1	Ø9 - Ø10	1	
13		Sealing ring 2	Ø11 - Ø12	1	
14		Sealing ring 3	Ø13- Ø14	1	
15		Plain washers- small size	14	1	

SPARE PARTS

[illegible]