

APPLICATIONS

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

BFC8117

EXPLOSION-PROTECTED LED FLOODLIGHT



200 W

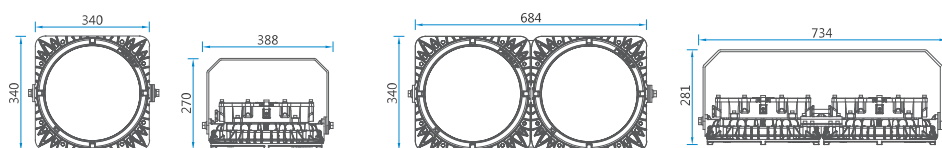
400 W

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



DIMENSION DRAWINGS

*all dimensions in mm



200 W

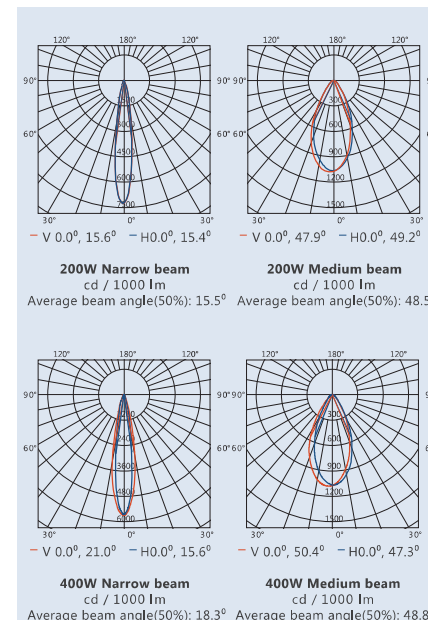
400 W

TECHNICAL DATA

Certification	
International approvals	ATEX, IECEx, CCC, CNEX
Coding	II 2 G Ex db eb mb IIC T4 Gb II 2 D Ex tb III C T130 °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 efficiency	140 lm / W
Life	100000 h
Rated voltage	220 V - 240 V AC 50 Hz / 60 Hz
Class of insulation	I
Degree of protection	IP 66
Operating temperature	-20 °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



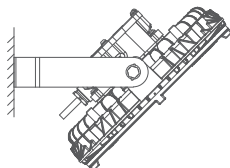
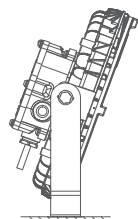
We can provide lighting design and data by professional lighting software based upon simulated site situation on request.

SELECTION TABLE

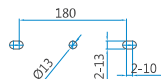
Model	Lamp power (W)	Lamp type	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8117/200/LED	200	LED	3.6	5700	11.0 ± 1
BFC8117/400/LED	2 × 200	LED	3.6	5700	22.0 ± 1

SPARE PARTS

Wall mount(200W)

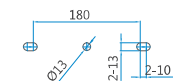
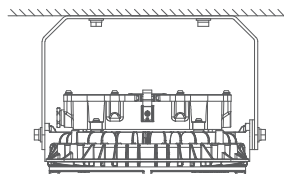


Mounting bracket



Mounting bracket

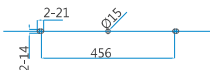
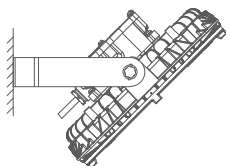
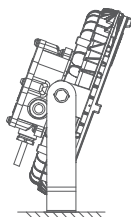
Ceiling mount(200W)



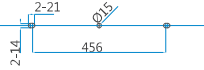
Mounting bracket

Seat mount(400W)

Wall mount(400W)

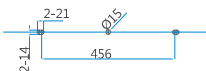
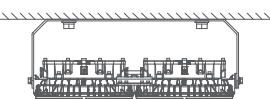


Mounting bracket



Mounting bracket

Ceiling mount(400W)



Mounting bracket

*all dimensions in mm

Accessories						
No.	Name		Spec.	Qty.	Remark	
1	Expansion bolt (with nut, flat 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		
8		Spring washer	10	2		
9			Flat washer	10	2	Provided by manufacturer
10			Setting dial		2	
11			Gland nut	G3/4	1	
12	Cable entry assembly	Sealing ring 1	Ø9 - Ø10	1		
13		Sealing ring 2	Ø11 - Ø12	1		
14		Sealing ring 3	Ø13-Ø14	1		
15		Plain washer - Small series or Block type cable A	14	1		

Accessories					
No.	Name		Spec.	Qty.	Remark
1	Expansion bolt (with nut, flat 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		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	
8		Spring washer	10	2	
9		Flat washer	10	2	
10	Cable inlet parts assembly	Setting dial		2	
11		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 series - Ø60x15x1.6 (table A)		14	1	

[illegible]