

APPLICATIONS

Suitable for flood-lighting of hazardous locations in Zone 2, such as offshore platforms, oil fields, drilling sites, refinery plants and chemical plants.

BFC(BFE)8411 EXPLOSION-PROTECTED (EMERGENCY) LED FLOODLIGHT



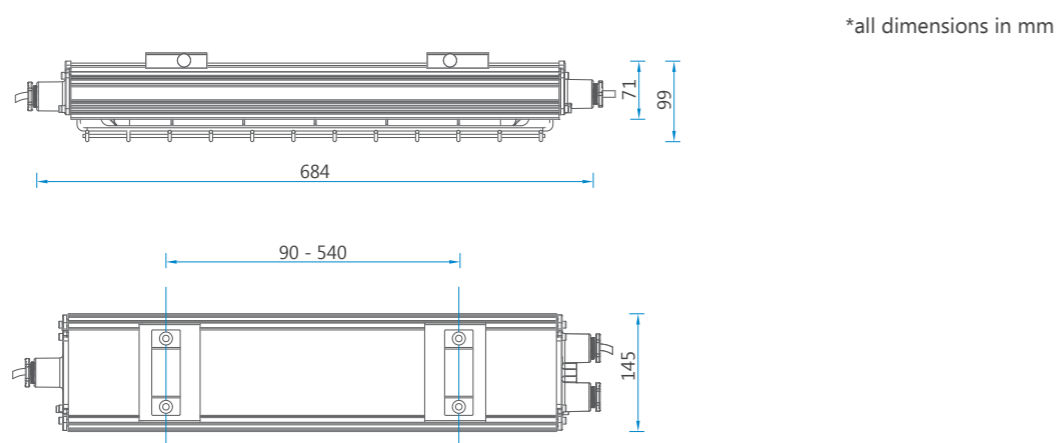
- Alloy made enclosure
- Degree of protection: IP 66
- High reliability for long time use
- Suitable for ceiling mounting, derrick mounting, wall mounting, pendant mounting and clamp mounting
- Duration of emergency version: 60 minutes



140 lm / W	60 Min Duration of emergency	IP 66	Clamp mount	Wall mount	Pendant mounting	Ceiling mount
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DIMENSION DRAWINGS

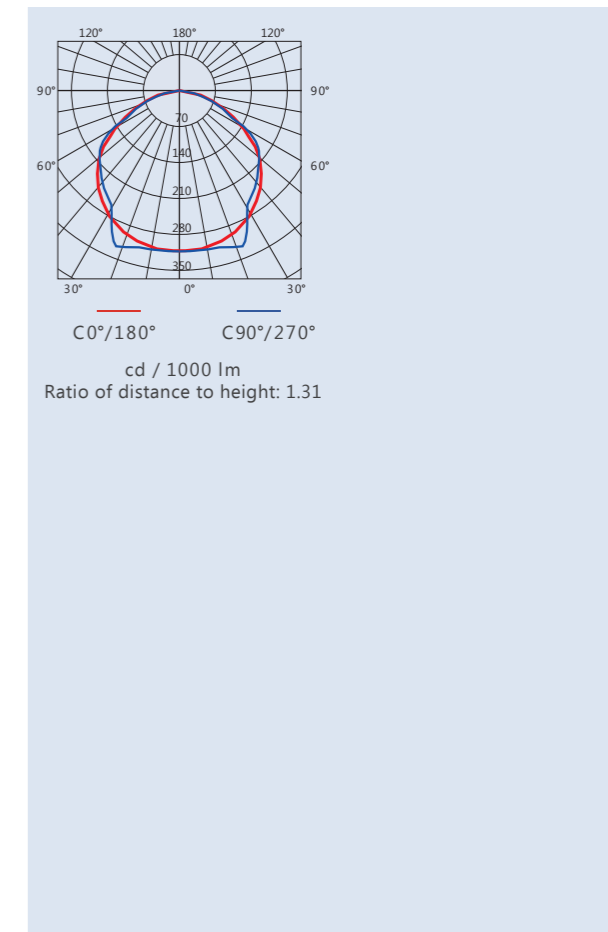


TECHNICAL DATA

Certification	International approvals: IECEX, ATEX, SASO, CNEX Coding: Ex e mb nA IIC T5 Gc, Ex tD A21 IP66 T100 °C
Conformity to standards	IEC 60079 / IEC 60598
Material	Body material: Aluminum alloy with epoxy powder coating Diffuser: Polycarbonate
Light source	Brand: LUMENMAX Wattage: 50 W Type: LED Luminous flux: 140 lm / W Life: 100000 h
Rated voltage	220 V - 240 V AC 50 Hz / 60 Hz 110 V AC 50 Hz / 60 Hz
Class of insulation	Class I
Degree of protection	IP 66
Operating temperature	-25 °C to +60 °C
Cable entry	G3/4
Corrosion-proof class	WF2
Emergency	Battery voltage: 12 V DC Battery capacity: 1.2 Ah Emergency power: >5 W Duration: >60 min

PHOTOMETRIC DATA

BFC8411 / BFE8411 LED 50 W photometric data
The data from LUMENMAXlamp
Luminous intensity distribution cd / 1000 lm



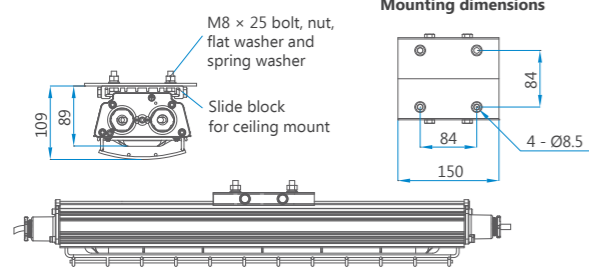
We can provide lighting design and data by professional lighting software based upon simulated site situation on request.

SELECTION TABLE

Model	Lamp power (W)	Lamp type (W)	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8411/50/LED	50	LED	0.7	5000 - 7100	5.8
BFE8411/50/LED	50	LED	0.7	5000 - 7100	6.6

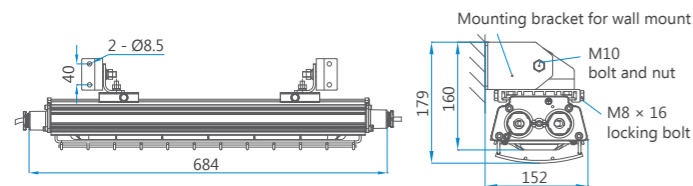
MOUNTING TYPE

Ceiling mount



Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Three-core cable	Ø8 - Ø14	Determined by user	Provided by user	
2	Ceiling mounting assembly		1	Provided by manufacturer	
3	Cable entry assembly	Sealing ring 1	2		
4		Sealing ring 2	Ø9 - Ø10		2
5		Sealing ring 3	Ø11 - Ø12		2
6		Sealing ring 4	Ø13 - Ø14		2
7	Washer		2		
8	Gland nut		3		
9	Wire guard assembly		1		Accessories should be ordered separately.
10	Fall prevention chain assembly		1		
11	Explosion-protected cable gland assembly (2 pcs)		1		
12	Explosion-protected cable gland assembly (1 pcs)		1		

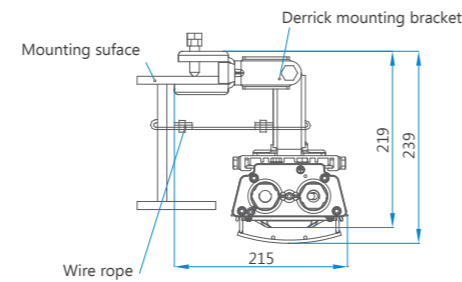
Wall mount



Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Expansion bolt (with nut, flat washer and spring washer)	M8	4	Provided by user	
2	Three-core cable	Ø8 - Ø14	Determined by user	Provided by manufacturer	
3	Wall mounting assembly		2		
4	Cable entry assembly	Sealing ring 1	2		
5		Sealing ring 2	Ø9 - Ø10		2
6		Sealing ring 3	Ø11 - Ø12		2
7		Sealing ring 4	Ø13 - Ø14		2
8	Washer		2		
9	Gland nut		3		
10	Wire guard assembly		1	Accessories should be ordered separately.	
11	Fall prevention chain assembly		1		
12	Explosion-protected cable gland assembly (2 pcs)		1		
13	Explosion-protected cable gland assembly (1 pcs)		1		

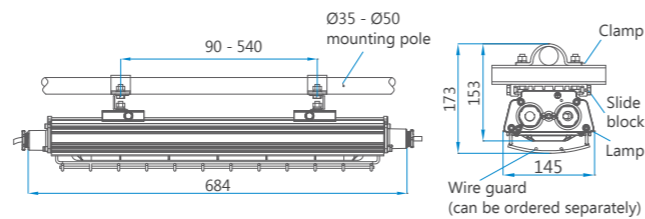
Derrick mount

*all dimensions in mm



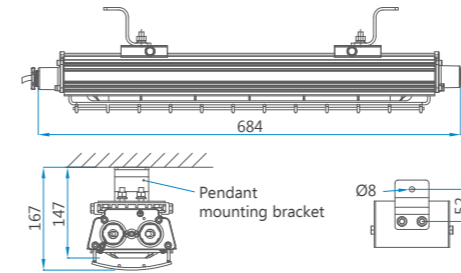
Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Three-core cable	Ø8 - Ø14	Determined by user	Provided by user	
2	Derrick mounting assembly		2	Provided by manufacturer	
3	Cable entry assembly	Sealing ring 1	2		
4		Sealing ring 2	Ø9 - Ø10		2
5		Sealing ring 3	Ø11 - Ø12		2
6		Sealing ring 4	Ø13 - Ø14		2
7	Washer		2		
8	Gland nut		3		
9	Wire guard assembly		1		Accessories should be ordered separately.
10	Fall prevention chain assembly		1		
11	Explosion-protected cable gland assembly (2 pcs)		1		
12	Explosion-protected cable gland assembly (1 pcs)		1		

Clamp mount



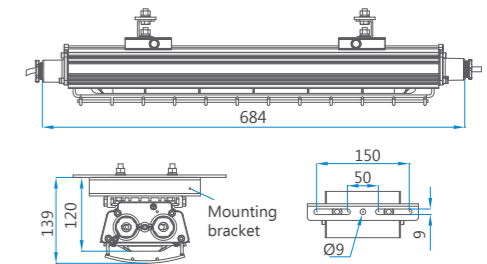
Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Mounting pole	Ø35 - Ø50	1	Provided by user	
2	Three-core cable	Ø8 - Ø14	Determined by user	Provided by manufacturer	
3	Clamp mounting assembly		2		
4	Cable entry assembly	Sealing ring 1	2		
5		Sealing ring 2	Ø9 - Ø10		2
6		Sealing ring 3	Ø11 - Ø12		2
7		Sealing ring 4	Ø13 - Ø14		2
8	Washer		2		
9	Gland nut		3		
10	Wire guard assembly		1	Accessories should be ordered separately.	
11	Fall prevention chain assembly		1		
12	Explosion-protected cable gland assembly (2 pcs)		1		
13	Explosion-protected cable gland assembly (1 pcs)		1		

Pendant mount



Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Expansion bolt (with nut, flat washer and spring washer)	M8	2	Provided by user	
2	Three-core cable	Ø8 - Ø14	Determined by user	Provided by manufacturer	
3	Pendant mounting assembly		2		
4	Cable entry assembly	Sealing ring 1	2		
5		Sealing ring 2	Ø9 - Ø10		2
6		Sealing ring 3	Ø11 - Ø12		2
7		Sealing ring 4	Ø13 - Ø14		2
8	Washer		2		
9	Gland nut		3		
10	Wire guard assembly		1	Accessories should be ordered separately.	
11	Fall prevention chain assembly		1		
12	Explosion-protected cable gland assembly (2 pcs)		1		
13	Explosion-protected cable gland assembly (1 pcs)		1		

Ceiling mount (with mounting bracket)



Accessories					
No.	Name	Spec.	Qty.	Remark	
1	Expansion bolt (with nut, flat washer and spring washer)	M8	4	Provided by user	
2	Three-core cable	Ø8 - Ø14	Determined by user	Provided by manufacturer	
3	Ceiling mounting (with mounting bracket) assembly		2		
4	Cable entry assembly	Sealing ring 1	2		
5		Sealing ring 2	Ø9 - Ø10		2
6		Sealing ring 3	Ø11 - Ø12		2
7		Sealing ring 4	Ø13 - Ø14		2
8	Washer		2		
9	Gland nut		3		
10	Wire guard assembly		1	Accessories should be ordered separately.	
11	Fall prevention chain assembly		1		
12	Explosion-protected cable gland assembly (2 pcs)		1		
13	Explosion-protected cable gland assembly (1 pcs)		1		

SPARE PARTS

Name	Picture	Ordering code	Weight (KG)
Light source		1311010278	0.130
LED driver - 50 W		1333010024	0.426
Emergency light source		1311010279	0.127
Emergency LED driver - 50 W		1333010025	0.702
Battery		1304010112	0.400