**APPLICATIONS**

Suitable for illumination of hazardous locations in various industries.

BFC(BFE)8126 — LED EXPLOSION-PROTECTED (EMERGENCY) FLOODLIGHT

- Explosion group: IIC
- Degree of protection up to IP66
- Efficiency of luminaire: Over 85%
- Emergency type with duration up to 60 minutes available for ordering
- Low weight and suitable for seat mounting, wall mounting and pendant mounting

140 lm / W   **IP 66**   Pendant mount   Wall mount
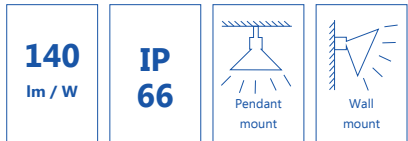
DIMENSION DRAWINGS

*all dimensions in mm

359   176   Ø314   206
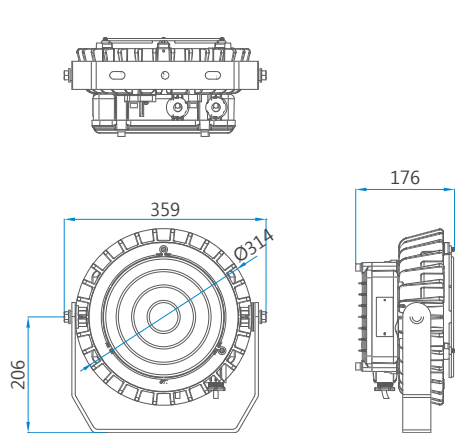
TECHNICAL DATA

|	
Certification	
International approvals	ATEX, SASO, CNEX
Coding	II 2G db mb op is IIC T6 Gb
	II 2G Ex db eb mb IIC T6 Gb
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
Type	LED
Luminous efficiency	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 66
Operating temperature	-20 ºC to +55 ºC
Cable entry	G3/4
Corrosion-proof class	WF2
Driver brand	OKTECH
Country original	China

PHOTOMETRIC DATA

BFC8126 70 W / 100 W, BFE8126 70 W
LED photometric data
The data from OSRAM lamp
Luminous intensity distribution cd / 1000 lm
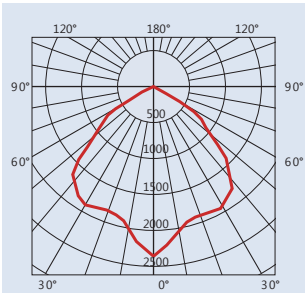
70W
cd / 1000 lm
Ratio of distance to height: 1.2
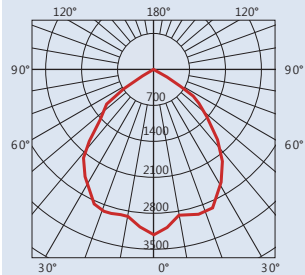
100W
cd / 1000 lm
Ratio of distance to height: 1.1

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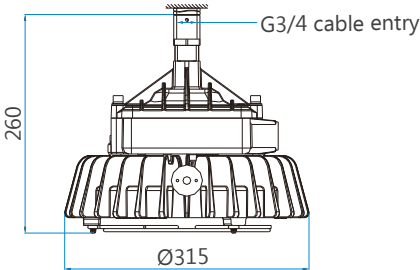
SELECTION TABLE

Model	Lamp power (W)	Lamp type	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8126/70/LED	70	LED	0.7	6200 - 7000	10.5
BFC8126/100/LED	100	LED	0.7	6200 - 7000	10.5
BFE8126/70/LED	70	LED	0.7	6200 - 7000	11

MOUNTING TYPE

*all dimensions in mm

Pendant mount

G3/4 cable entry

260

Ø315

Accessories				
No.	Name	Spec.	Qty.	Remark
1	Steel pipe	G3/4	1	Provided by user
2	Slotted set screws with flat head	M4 × 6	2	Provided by manufacturer
3	Nut connector	G3/4	1	
4	Sealing ring	Ø14	1	Provided by manufacturer
5	Sealing ring	Ø10	1	
6	Sealing ring	Ø12	1	
7	Washer	Ø14	1	

Wall mount

362

176

12.5   Ø12.5

12.5   170
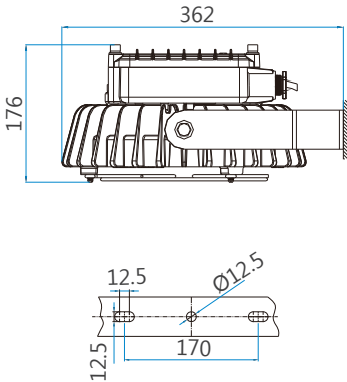
Accessories				
No.	Name	Spec.	Qty.	Remark
1	Steel plug	030101-05-04	1	Provided by manufacturer
2	Sealing ring	030602-21-Ex	1	
3	Washer	050703-22	2	
4	Gland nut	G3/4	2	
5	Sealing ring	Ø14	2	
6	Sealing ring	Ø10	2	
7	Sealing ring	Ø12	2	

SPARE PARTS

Name	Picture	Ordering code	Weight (KG)
Light source - 70 W	/	1311010269	/
Light source - 100 W	/	1311020270	/
LED driver - 70 W	/	3037201023	/
LED driver - 100 W	/	3037201024	/
Emergency LED driver - 70 W	/	3037201025	/