



APPLICATIONS

- I. Suitable for illumination of hazardous locations designated as Zone 2 where ignitable gases are present.
- II. Designed to illuminate roads in chemical and petrochemical plants, refineries and other process industries where ignitable gases are present.

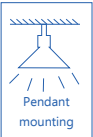
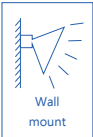
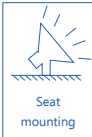
BFC8115A EXPLOSION-PROTECTED LED FLOODLIGHT



- Designed to use in Zone 2 and Zone 21
- LED light source providing high luminous efficacy and long life
- Optional diffuser available
- Multiple mounting options
- Superior vibration resistance
- Degree of protection up to IP65

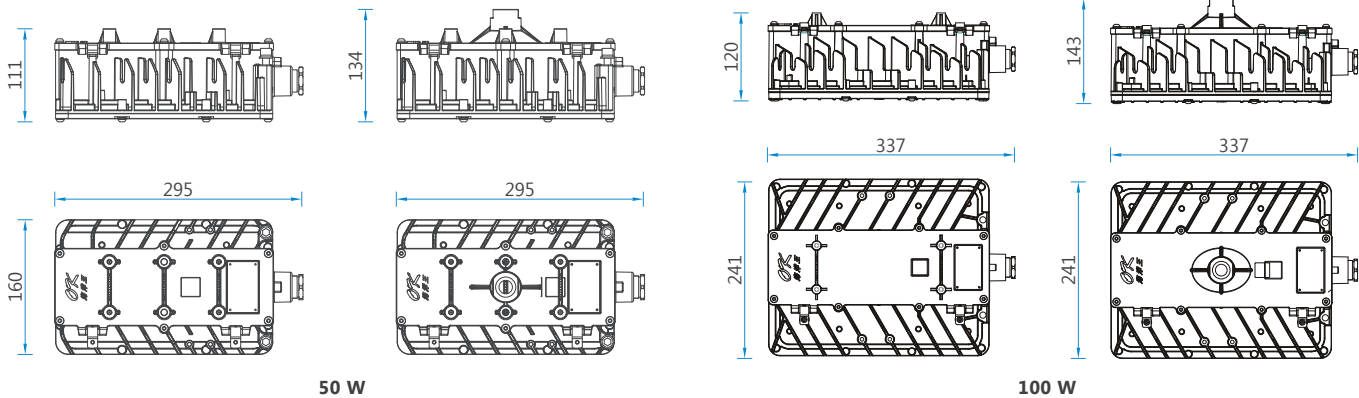
140
lm / W

IP
65



DIMENSION DRAWINGS

*all dimensions in mm

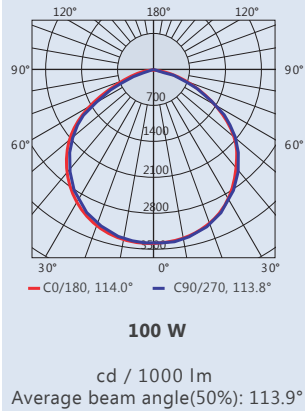
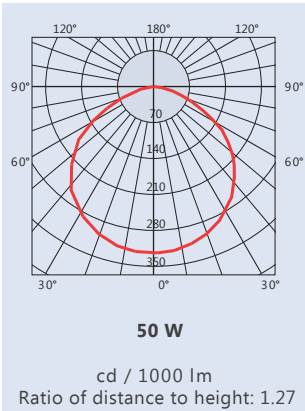


TECHNICAL DATA

Certification	International approvals	CNEX
	Coding	Ex nR IIC T6 Gc / Ex tD A21 IP65 T80°(50W) Ex nR IIC T5 Gc / Ex tD A21 IP65 T95°(100W)
Conformity to standards	IEC 60079 / IEC 60598	
Material	Body material	Aluminum alloy with epoxy powder coating
	Diffuser	Tempered glass
Light source	Brand	OSRAM
	Wattage	50 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 65	
Operating temperature	-20 °C to +40 °C	
Cable entry	G3/4	
Corrosion-proof class	WF2	

PHOTOMETRIC DATA

BFC8115A 50 W / 100 W
LED photometric data
The data from OSRAM lamp
Luminous intensity distribution cd / 1000 lm



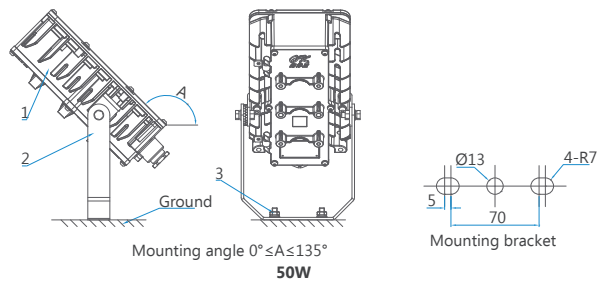
We can provide lighting design and data by professional lighting software based upon simulated site situation on request.

SELECTION TABLE

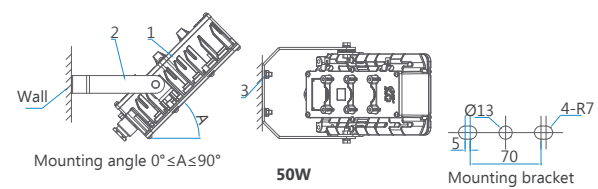
Model	Lamp power (W)	Lamp type	Operating current (A)	Color temperature (K)	Weight (kg)
BFC8115A/50/LED	50	LED	0.9	5700	3.5
BFC8115A/100/LED	100	LED	1.8	5700	7.0

MOUNTING TYPE

Seat mount

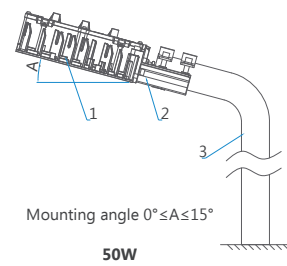


Wall mount



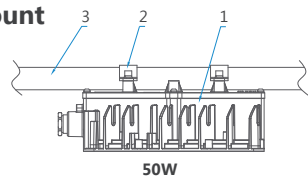
Accessories for seat mount and wall mount				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-50W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	U-bracket assembly	/	1	
3	Expansion bolt (with nut, flat washer and spring washer)	M12X60	2	Provided by user

Pole mount



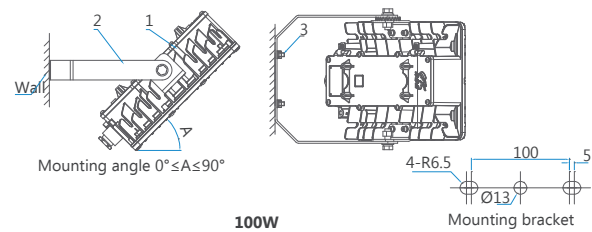
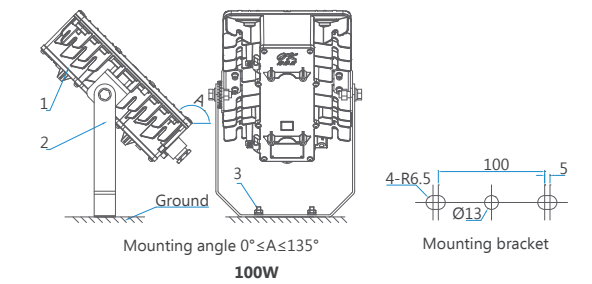
Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-50W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Pole mounting assembly	/	1	
3	Pole	Ø30 - Ø60	1	Provided by user

Clamp mount

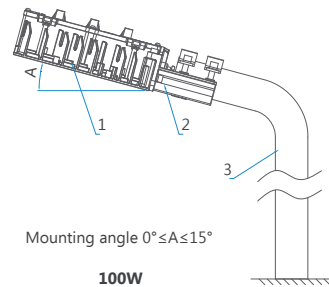


Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-50W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Clamp assembly	/	1	
3	Mounting pole	Ø35	1	Provided by user

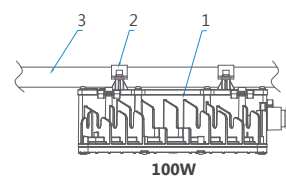
*all dimensions in mm



Accessories for seat mount and wall mount				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-100W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	U-bracket assembly	/	1	
3	Expansion bolt (with nut, flat washer and spring washer)	M12X60	2	Provided by user

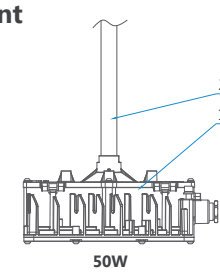


Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-100W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Pole mounting assembly	/	1	
3	Pole	Ø30 - Ø60	1	Provided by user

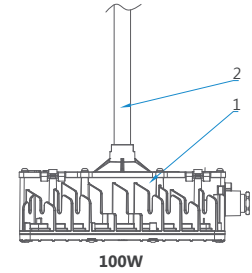


Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-100W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Clamp assembly	/	1	
3	Mounting pole	Ø35	1	Provided by user

Pendant mount

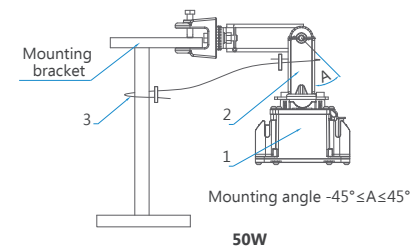


Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-50W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Pendant	G3/4	1	Provided by user



Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-100W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Pendant	G3/4	1	Provided by user

Derrick mount



Accessories				
No.	Name	Spec.	Qty.	Remark
1	BFC8115A-50W Explosion-protected LED Floodlight	/	1	Provided by manufacturer
2	Derrick mounting assembly	/	1	
3	Fall protection wire rope	/	1	Provided by user

SPARE PARTS

Name	Picture	Ordering code	Weight (KG)
Light source - 50W	/	1311010465	/
LED driver - 50 W	/	1333010072	/
Diffuser - 50 W	/	1604011649	/
Light source - 100W	/	1311010464	/
LED driver - 100 W	/	1333010075	/
Diffuser - 100 W	/	1604011653	/