LUMEV.
LED LIGHTING

EXCE FLOODLIGHT Series

LED EXPLOSION
PROOF FLOOD LIGHT

EXCE Floodlight Series
LED Explosion proof Flood Light

Product Description

Lumev explosion-proof floodlight is more than 50,000 hours lifespan, and the maintenance is reduced to 30% of the double input cost of the traditional lighting system. At the same time, it features a well-designed optical system, high luminous efficiency and a variety of beam Angle options. ADC12 die-cast aluminum, tempered glass has better shock and vibration resistance. There are a variety of installation methods for your different projects. UL1598A North American marine anti-corrosion can be used in marine application and hazardous areas Zone 1&21, Zone 2&22.

Certification

ATEX:

- ⟨Ex⟩ II 2G Ex eb mb op is IIC T4 Gb;
- ⟨Ex⟩ II 2D Ex op is tb IIC T95°C Db;
- Certificate No: IEP 19ATEX 0714

IECEx:

- Ex ec IIC T4 Gc;
- IP66;
- Certificate No: IECEx UL 18.0046

Features

- Private mold designed to be Curved Fin Shape, maximizethe best heat transmit.
- Housing: Aluminum alloy (ADC12).
- LED: 3030 LEDs, LM80 certified.
- Lens: tempered glass shock & vibration resistant.
- Meanwell LED Driver, >90% driver efficacy.
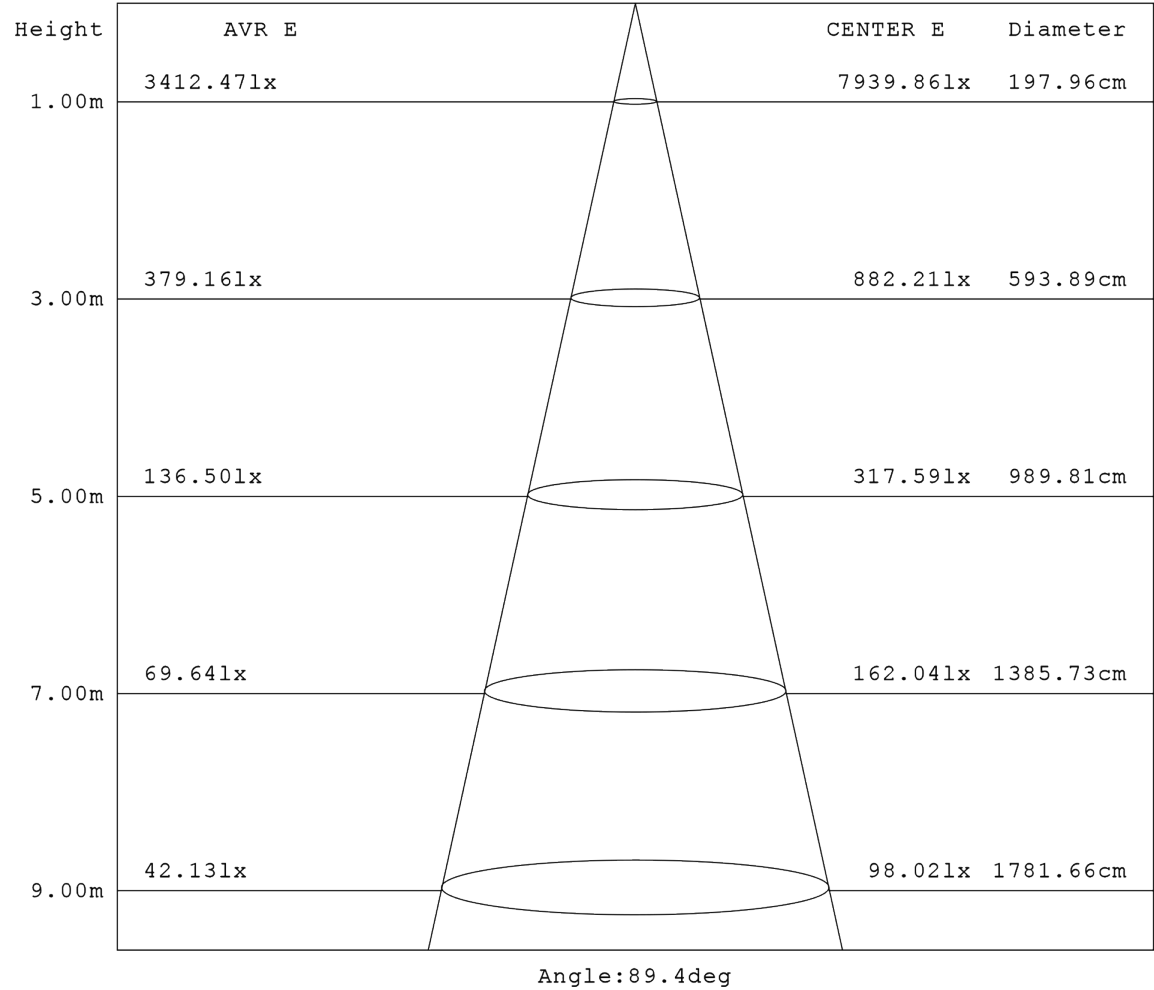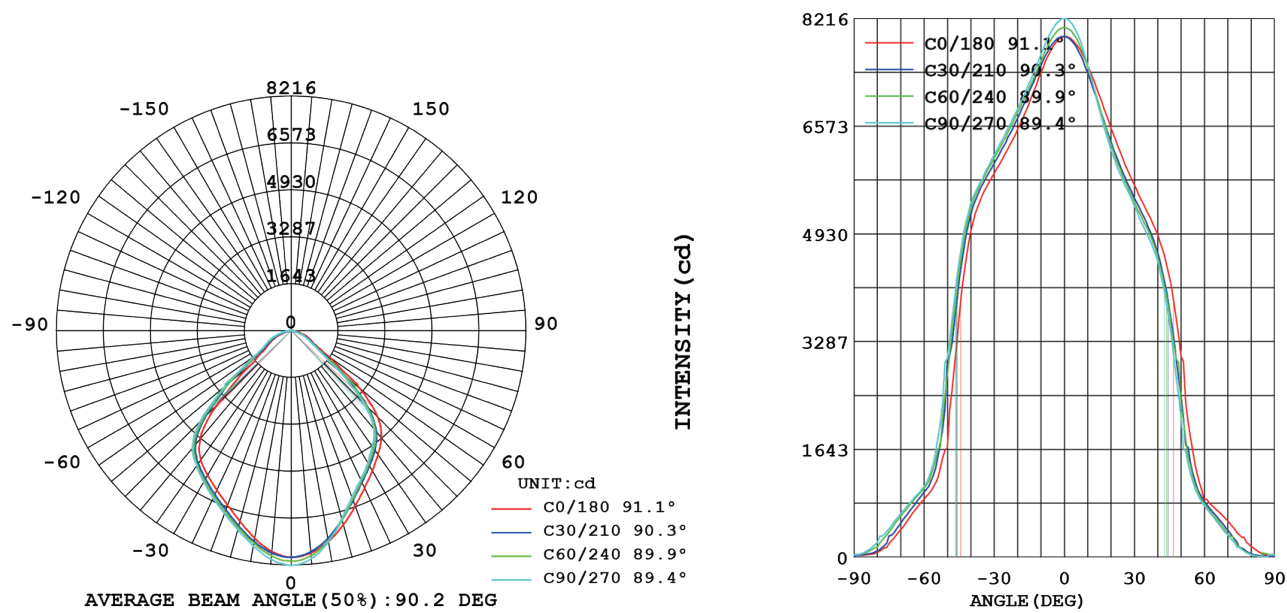- Circuit design: 4KV/6Kv Surge Protection powersupply.

Application

Wastewater treatment, oil and gas refineries, drilling rigs, offshore platforms, petrochemical facilities, chemical plants, coal mines, aviation bases, food plant, Pharmaceutical plant, beverage facilities, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.
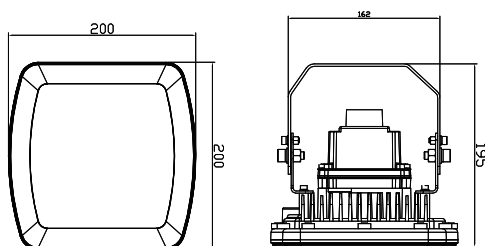
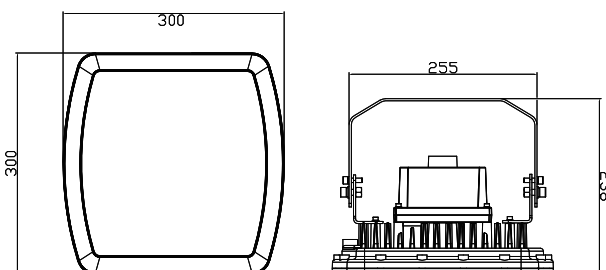## Warranty

5-Year Standard Warranty
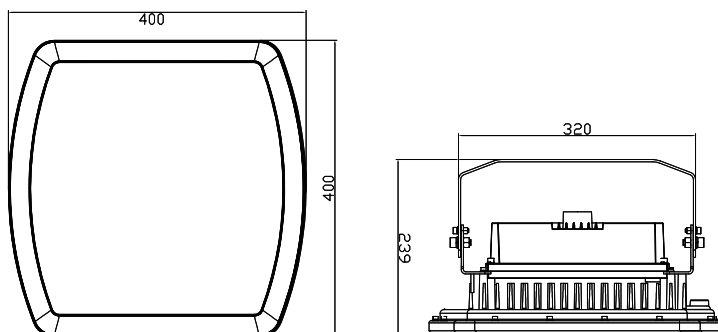
Lighting Distribution

8216
6573
4930
3287
1643
0

-150   150
-120   120
-90   90
-60   60
-30   30
0

UNIT:cd
C0/180 91.1°
C30/210 90.3°
C60/240 89.9°
C90/270 89.4°

AVERAGE BEAM ANGLE(50%):90.2 DEG

8216

6573

4930

3287

1643

0

INTENSITY(cd)

C0/180 91.1°
C30/210 90.3°
C60/240 89.9°
C90/270 89.4°

-90   -60   -30   0   30   60   90
ANGLE(DEG)

Height	AVR E		CENTER E	Diameter
	3412.47lx		7939.86lx	197.96cm
1.00m				
	379.16lx		882.21lx	593.89cm
3.00m				
	136.50lx		317.59lx	989.81cm
5.00m				
	69.64lx		162.04lx	1385.73cm
7.00m				
	42.13lx		98.02lx	1781.66cm
9.00m				

Angle:89.4deg

Size And Packaging

Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EXCE FL 20	200mm × 200mm × 195mm	255mm × 255mm × 215mm	1	4kg	5.0kg
EXCE FL 30	200mm × 200mm × 195mm	255mm × 255mm × 215mm	1	4kg	5.0kg
EXCE FL 40	200mm × 200mm × 195mm	255mm × 255mm × 215mm	1	4kg	5.0kg

Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EXCE FL 60	300mm × 300mm × 238mm	375mm × 375mm × 245mm	1	7kg	9.0kg
EXCE FL 80	300mm × 300mm × 238mm	375mm × 375mm × 245mm	1	7kg	9.0kg
EXCE FL 100	300mm × 300mm × 238mm	375mm × 375mm × 245mm	1	7kg	9.0kg

Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EXCE 120 FL	400mm × 400mm × 239mm	470mm × 470mm × 250mm	1	10.5kg	12kg
EXCE 150 FL	400mm × 400mm × 239mm	470mm × 470mm × 250mm	1	10.5kg	12kg
EXCE 180 FL	400mm × 400mm × 239mm	470mm × 470mm × 250mm	1	10.5kg	12kg
EXCE 200 FL	400mm × 400mm × 239mm	470mm × 470mm × 250mm	1	10.5kg	12kg

Technical Parameter

Product Model	EXCE 20/30/40	EXCE 60/80/100	EXCE 120/150/180/200
Light efficiency (lm/W)	140 lm/W	140 lm/W	140 lm/W
Power(W)	20W / 30W / 40W	60W / 80W / 100W	120W / 150W / 180W / 200W
Voltage-Frequency	100-277Vac 50-60Hz	100-277Vac 50-60Hz	100-277Vac 50-60Hz
Color Temp	5000K (Provides 2700K to 6500K)	5000K (Provides 2700K to 6500K)	5000K (Provides 2700K to 6500K)
CRI(Ra)(typ.)	≥70	≥70	≥70
Power Supply	Meanwell LED Driver	Meanwell LED Driver	Meanwell LED Driver
Beam Angle	90°, 120°	90°, 120°	90°, 120°
Power Factor	>0.95	>0.95	>0.95
Rated Lifetime-L70 (hrs.)	>50,000	>50,000	>50,000
THD	<10%	<10%	<10%
Operating temperature	-40°C ~ +55°C	-40°C ~ +55°C	-40°C ~ +55°C
Entry Size	3/4"-14 NPT or M25 X1.5 or M26 X1.5	3/4"-14 NPT or M25 X1.5 or M26 X1.5	3/4"-14 NPT or M25 X1.5 or M26 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

*Emergency optional: Emergency power: 12W   Emergency time: ≥90min   Battery: Li-ion battery- 11.1V/2500mAH
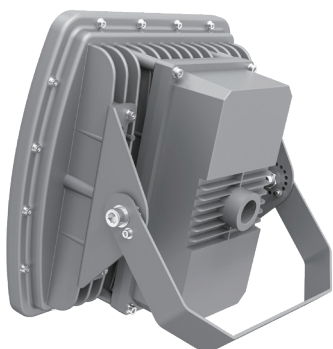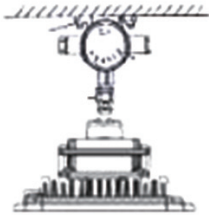
Product Display
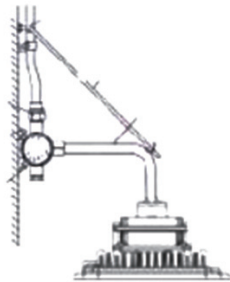
EXCE 20/30/40

EXCE 60/80/100
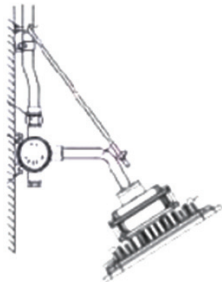
EXCE 120/150/180/200

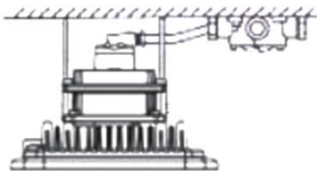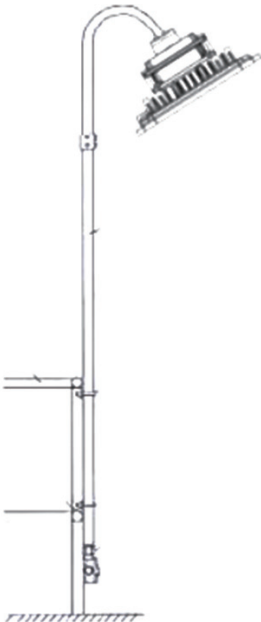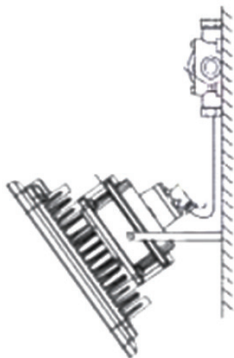# Installation Method

A.Ceiling mount

B.Drop mount

C.Wall Mount

D.Wall Mount

E. U-Bracket Mounting

F. Pole Mount

G. Pole Mount