

ATEX

Hazardous Location LED Floodlights



CES-J TYPE

FEATURES+BENEFITS Hazardous Location Floodlights

Standard(s) for Safety:

- UL 844, Luminaires for Use in Hazardous (Classified) Locations
- CSA C22.2 No. 137-M1981, Luminaires for Use in Hazardous Locations
- UL1598A for Marine Environments
- ATEX - DEMKO 18 ATEX 1765 Rev. 0
- IECEx UL 18.0046
- LM79 Data Available Upon Request



Optional brackets
available



LUMINAIRES FOR USE IN HAZARDOUS LOCATIONS

Class I Division 2, Groups A,B,C and D; Group II, Zone 1 & Zone 2; Zone 21 & 22.



Certifications:

- UL844, ATEX, IECEx, CNEX, UL, CUL, DLC, CE, ROHS, SAA.

HOUSING:

- Aluminum alloy.

LENS:

- 4mm thick tempered glass.
- +95% light transmission.
- Shock and vibrations resistant

PERFORMANCE

- Up to 110 lm/w.
- Shock and vibrations resistant.
- L70 (hrs) rated > 54,000

IP67 RATED

- Dust tight and protected against the effects of immersion in water to depth between 15 cm and 1 meter.
- Ideal for heavy industry, mining, refineries, Oil&Gas, chemical industry, coastal marine facilities and corrosive applications.

MOUNTING

- Surface/wall mount standard (adjustable mount bracket included). Pendant kit optional

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PERFORMANCE PARAMETER Hazardous Location Floodlights

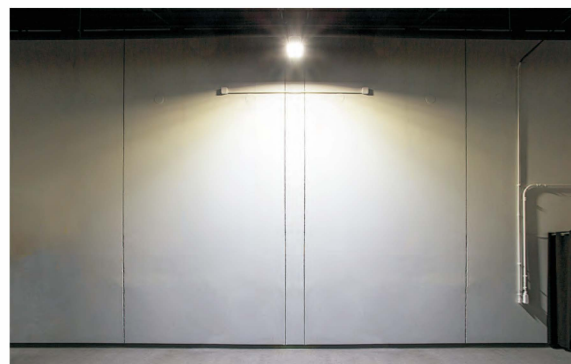
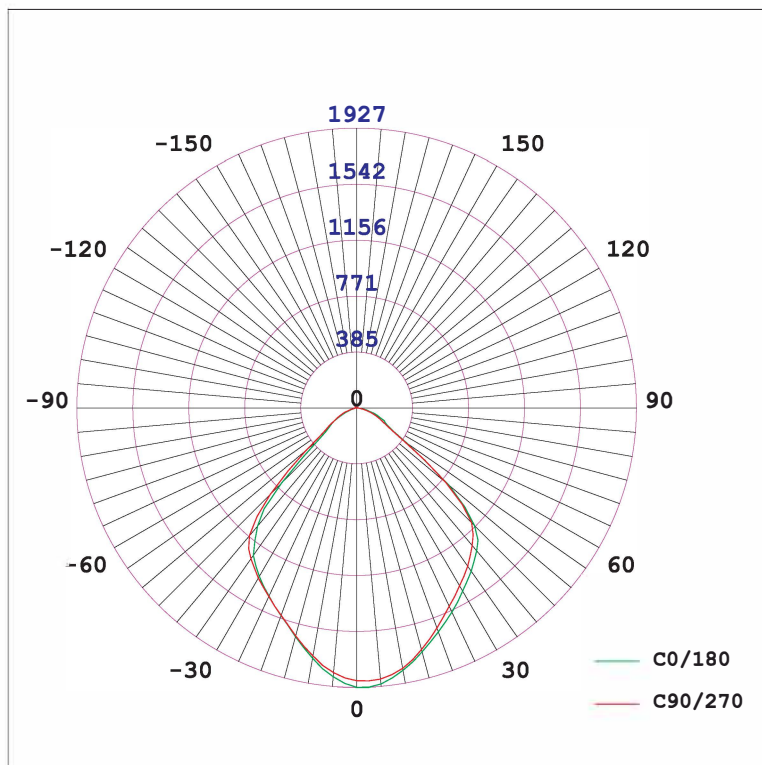


Model No	J40	J100	J200
LED Source	Bridgelux 3030	Bridgelux 3030	Bridgelux 3030
CCT	3000-6500K	3000-6500K	3000-6500K
Luminous Efficiency	110~130lm/W	110~130lm/W	110~130lm/W
Beam Angle	60/90/120degree	60/90/120degree	60/90/120degree
Power Supply	Meanwell HLG	Meanwell HLG	Meanwell HLG
Input	100-277VAC / 50,60HZ	100-277VAC / 50,60HZ	100-277VAC / 50,60HZ
PF	0.98	0.98	0.98
THD	<10%	<10%	<10%
IP Rating	IP67	IP67	IP67
Operating temperature	-30℃ to +50℃	-30℃ to +50℃	-30℃ to +50℃
Certifications	UI844, ATEX, IECEx UL,CUL, DLC, CE, ROHS, SAA	UI844, ATEX, IECEx UL,CUL, DLC, CE, ROHS, SAA	UI844, ATEX, IECEx UL,CUL, DLC, CE, ROHS, SAA
UL844 Approved	Class I, Division 2, Groups A, B, C and D		
ATEX & IECEx Approved	II 2 G Ex eb mb IIA T4 Gb II 2 D Ex tb IIIC T(95℃) Db II 3G Ex ec IIC T4 Gc		
Dimension	200x200x270mm	300x300x185mm	400x400x185mm
Watt Options	30W, 40W, 50W	60W, 70W, 100W	120W, 150W, 185W
Net Weight(kg)	4kg	8kg	10.5kg

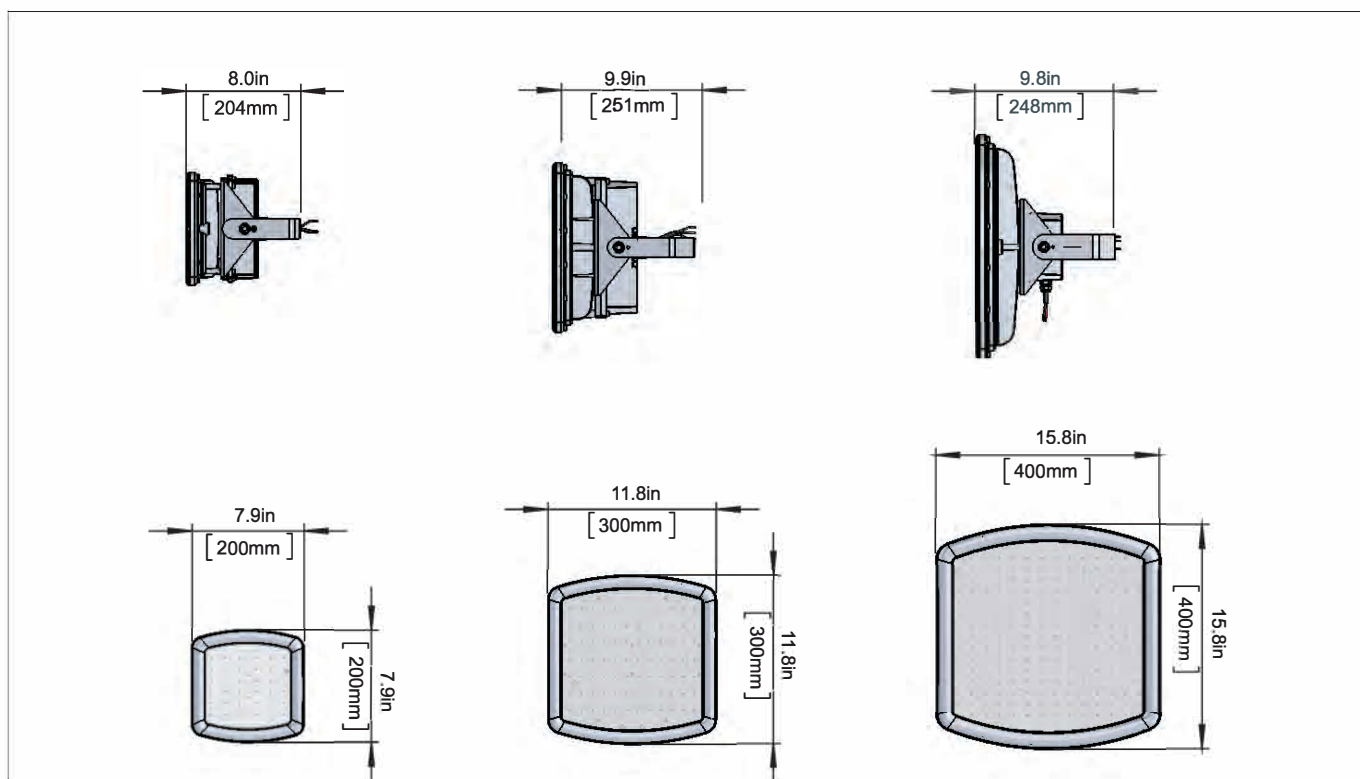
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TECHNICAL INFORMATION Hazardous Location Floodlights

LIGHTING DISTRIBUTION



DIMENSIONS



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MOUNTING SYSTEMS Hazardous Location Floodlights



Ceiling Mount



Pendant Mount



Knuckle Mount



Universal Bracket



Protect Grid



Arm Mount 45°



Arm Mount 90°



Pole Mount



Eye Bolt Mount



Recessed Mount



Contact Connet
45° Arm Wall Mount



Contact Connet
90° Arm Wall Mount



Contact Connet 90°
Long Arm Wall Mount



Contact Connet
Hanger Mount



Oil Storage

Options & Accessories

UB Universal Bracket
AM Adjustable Wall/Ceiling Mount
EB Eye Bolt
RM Recessed Mount Holder
PG Protect Grid

KM Knuckle Mount
QC-WM45 Quick connect wall mount 45 degree arm bracket
QC-WM90 Quick connect wall mount 90 degree arm bracket
QC-WM90-L Quick connect wall mount 90 degree long arm bracket
QC-HB Quick connect hanger bracket

