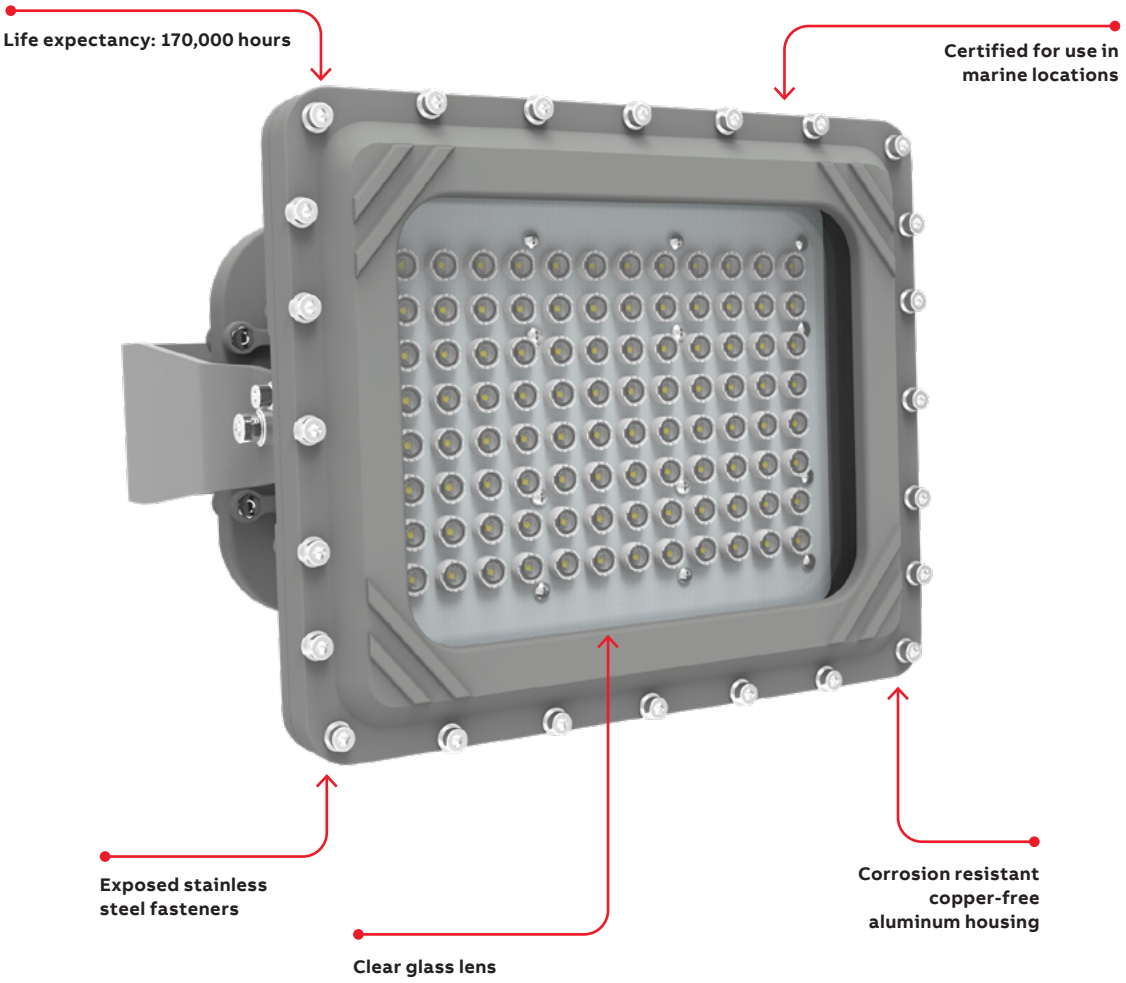
New product

Ex-Solutions™ XFL15 LED Series

The high-intensity floodlight is energy-efficient and made from corrosion-resistant, copper-free aluminum. The explosion-proof fixture can be installed in hazardous, marine locations like power plants, loading docks, and petrochemical facilities.



CERTIFICATION

CLASS I	
Division 1	Group C, D
Division 2	Group A, B, C, D
CLASS II	
Division 2	Group F, G
CLASS III	

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

APPROVALS

c UL us LISTED

MARINE UL LISTED

IP66

IK 09

DLC LISTED

Not all DL series are DLC qualified. For all qualified products, please visit: www.designlights.org/qpl

APPLICATIONS

- Power plants
- Paper mills
- Wastewater treatment plants
- Loading docks
- Chemical processing
- Petrochemical facilities

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Ex-Solutions™ XFL15 LED Series

Key features and information

FEATURES

- Operating temperature: -40°F to 140°F (-40°C +60°C) optimal 77°F (25°C)
- Exposed hardware made of stainless steel
- High efficacy for increased energy savings

HOUSING

- Housing made of copper-free aluminum
- Anti-corrosion housing (tested for 1,000hrs)
- Tempered glass lens is impact and thermal shock resistant
- Lens tested to IK09
- High temperature silicone gasketing

LED

- Efficacy: up to 130 Lm/W
- Lumen output: From 10,400 lumens to 19,500 lumens
- OSRAM LED's
- CRI Ra>70
- Correlated Color Temperature (CCT): 5,000K (standard), 3,000K and 4,000K (optional)

ELECTRICAL

- Operating voltage: universal 120-277VAC, 347-480VAC (50/60Hz)
- Power factor 0.95
- Driver efficiency 90%
- THD <20%
- Surge protection standard at 4KV (Contact your sales representative if high protection is required.)

MOUNTING

- Pendant mount
- Optional yoke/pipe bracket for wall/ceiling or pole mount

APPROVALS

- UL844
- UL 8750 LED safety
- UL 1598 wet locations
- UL1598A marine
- cUL approved to CSA 22.2 No. 137, CSA 22.2 No. 250.0-08, CSA 22.2 No. 250.13
- FCC
- IP66
- IK09
- DLC
  Not all product variations listed on this page are DLC qualified.
  Visit www.designlights.org/search to confirm qualification.
- 5G (shock and vibration resistant)
- 1,000hrs salt spray

WARRANTY

- 5 year limited

T-code chart

Model	80 watt	100 watt	150 watt
C1D1	T6	T6	T6
C1D2	T4A	T4A	T4A
CIID2	T4A	T4A	T4A

Electrical specifications

Specification		XFL15-8	XFL15-10	XFL15-15
Rated power		80W	100W	150W
Input voltage		120-277, 347-480VAC		
Input frequency		50/60Hz		
Input current	(120/277VAC)	0.63/0.29A	0.82/0.36A	1.7/0.54A
	(347/480VAC)	0.24/0.17A	0.29/0.21A	0.43/0.31A

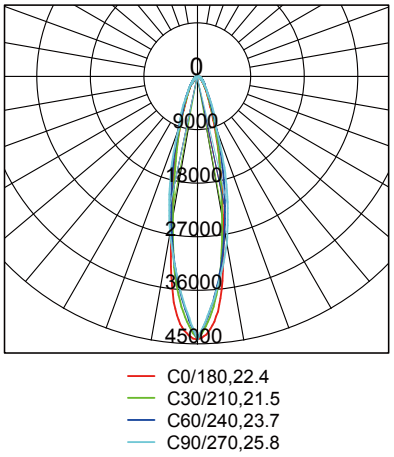
Lighting output

Fixture	80 watt	100 watt	150 watt
Lumen output	10,400	13,000	19,500
Lumen per watt	130	130	130

Ex-Solutions™ XFL15 LED Series

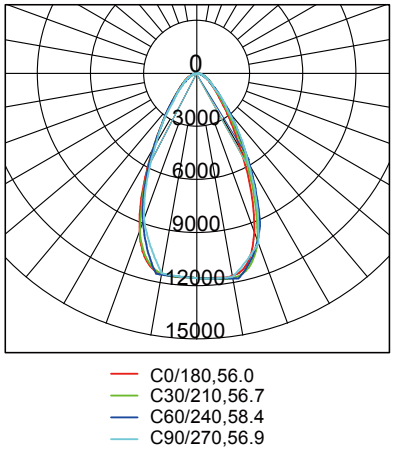
PHOTOMETRY

25 degree



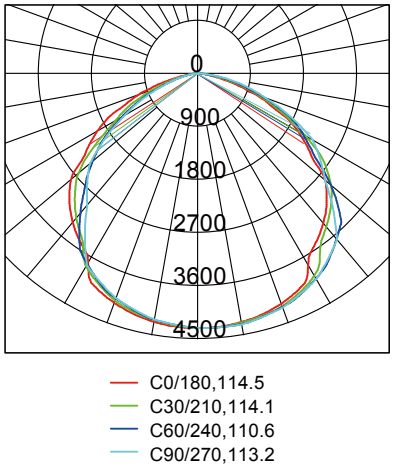
BUG rating: B4-U0-G1

60 degree



BUG rating: B4-U0-G1

120 degree

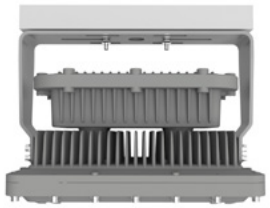


BUG rating: B4-U0-G1

MOUNTING AND OPTIONAL ACCESSORIES (sold separately)

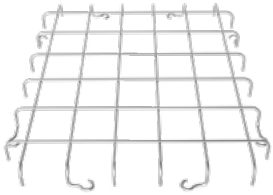
Pendant mount (included standard)

Yoke/pipe bracket mount (optional accessory)



Requires yoke/pipe bracket.

Accessories



WG01-EX
Stainless steel wire guard

Yoke/pipe bracket

UB01-EX
Yoke/pipe bracket (SUS 304) stainless steel

UB03-EX
Anti-vibration U-bracket

Pole type stanchion

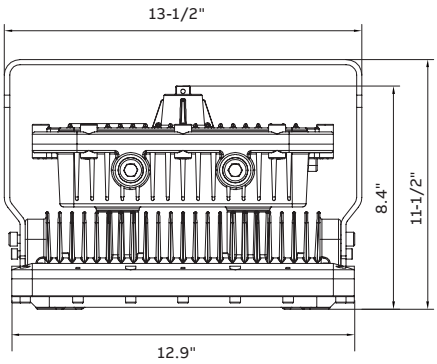
SN01-EX
Pole type stanchion

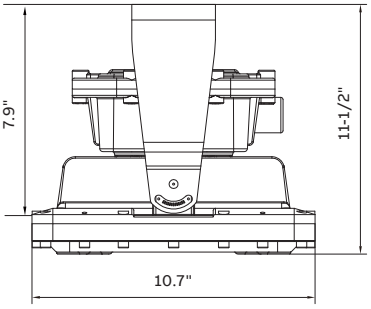
Note: Standard slipfitter for 2-3/8" (60mm) pole

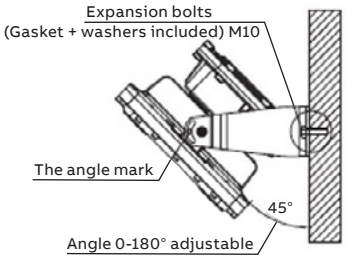
Ex-Solutions™ XFL15 LED Series

DIMENSIONS

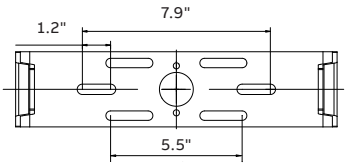
Dimensions are approximate and subject to change.







Bracket dimensions



Model	Weight	Dimensions (L x W x H)
XFL15-8	15.2kg/33.5lbs	12.9 x 10.7 x 6.9 in
XFL15-10	15.3kg/33.7lbs	
XFL15-15	15.5kg/34.2lbs	

NUMBERING SYSTEM

Lighting fixture

1	2	3	4	5	6	7	8	9	10
XFL15	8	1	K3	N	1	TG	P	GR	C
Series	Wattage/ lumens	Voltage	Color temp	Optics	Hazloc	Lens	Mounting	Color	Market

Ordering information

Part	Part number	Description
1 Series	**XFL15**	Flood light LED
2 Wattage/lumens	**8**	80W (10,400 lm)
	10	100W (13,000 lm)
	15	150W (19,500 lm)
3 Voltage	**1**	120-277VAC
	4	347-480VAC
4 Color temp	**K3**	3,000K[1]
	K4	4,000K[1]
	K5	5,000K (standard)
5 Optics	**M**	Medium distribution
	N	25°[1]
	W	120° (standard)
6 Hazloc	**1**	CID1
	2	C1D2, CIID2
7 Lens	**TG**	Clear glass
8 Mounting	**P**	NPT 3/4 pendant mount
	U	NPT 3/4 pendant mount + yoke bracket
9 Color	**G**	Gray
10 Market	**C**	Canadian market
	Blank	U.S. market

[1]Longer lead time, contact your sales representative for more details

Accessories (sold separately)

Part number	Description
SN01-EX	Pole type stanchion
UB01-EX	Yoke/pipe bracket (SUS 304) stainless steel
UB03-EX	Anti-vibration U-bracket
WG01-EX	Stainless steel wire guard

Note: For Canadian market, please add "CA" to the part no. (ex: SN01-EX-CA).