





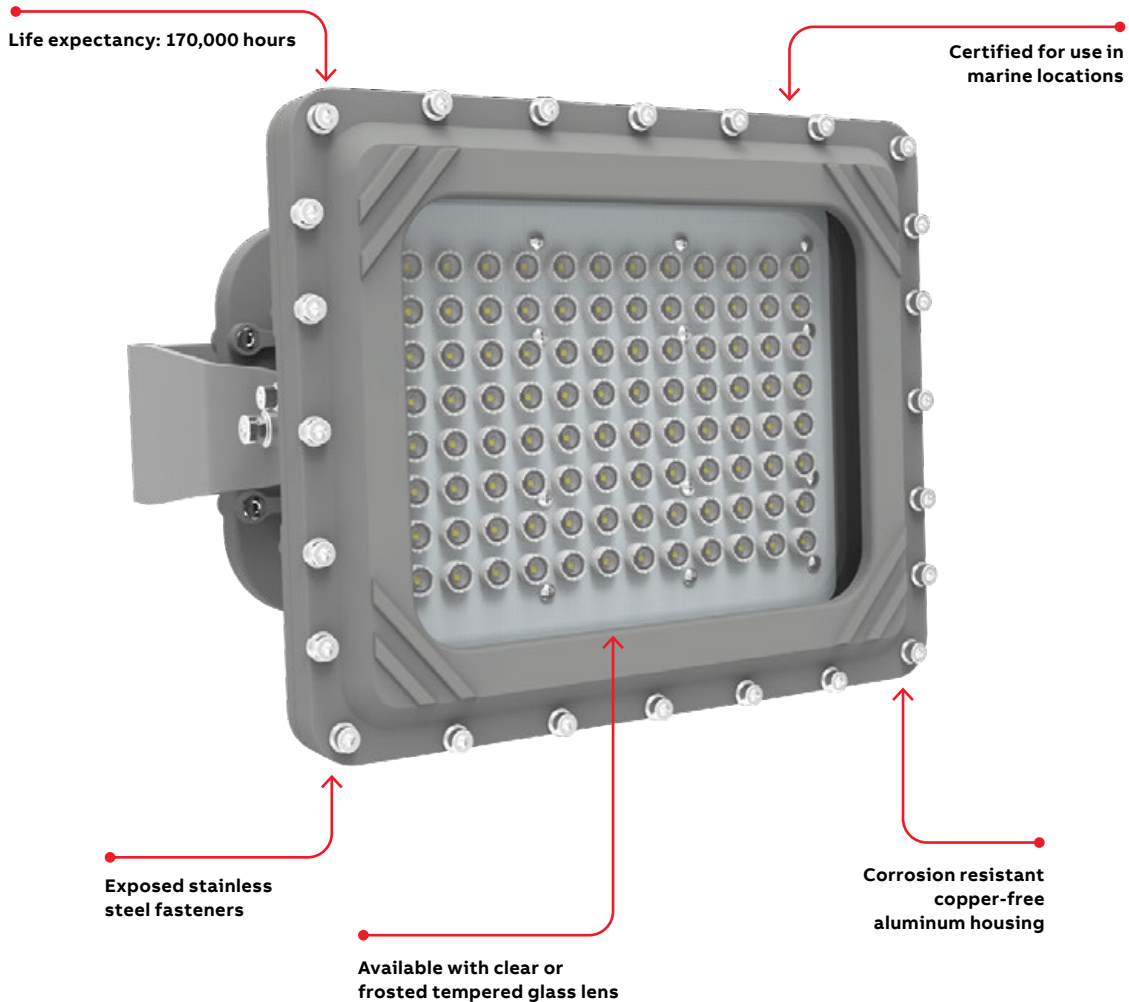


Hazlux® FC LED Series

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.

FLOOD LIGHTING

CERTIFICATION	APPROVALS	APPLICATIONS
CLASS I Division 1 Group C, D Division 2 Group A, B, C, D CLASS II Division 2 Group F, G CLASS III	     	Power plants Paper mills Wastewater treatment plants Loading docks Chemical processing Petrochemical facilities
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.		



Hazlux® FC 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 1000hrs)

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): 5000K (standard),
3000K and 4000K (optional)

ELECTRICAL

Operating voltage: universal 120-277 VAC,
347-480 VAC (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

UL1598A Marine

CSA C22.2 No.137-M1981

CSA C22.2 No.30-M1986

CSA C22.2 No.25-1966

FCC

IP66

IK09

5G (shock and vibration resistant)

1000hrs salt spray

WARRANTY

5 Years limited warranty

T-code chart

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

Electrical specifications

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

Lighting output

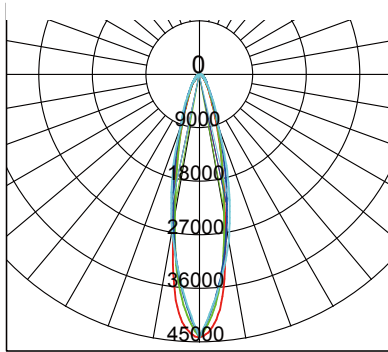
Fixture	80 watt	100 watt	150 watt
Lumen output	10400	13000	19500
Lumen per watt	130	130	130



Hazlux® FC LED Series

PHOTOMETRY

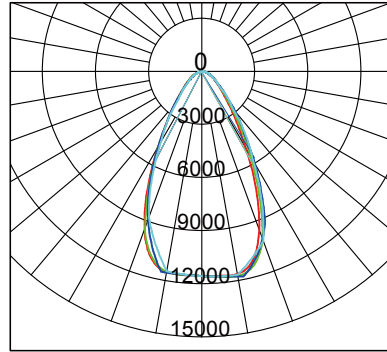
25 degree



- C0/180,22.4
- C30/210,21.5
- C60/240,23.7
- C90/270,25.8

BUG rating: B4-U0-G1

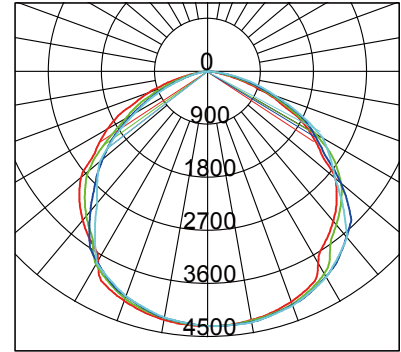
60 degree



- C0/180,56.0
- C30/210,56.7
- C60/240,58.4
- C90/270,56.9

BUG rating: B4-U0-G1

120 degree



- C0/180,114.5
- C30/210,114.1
- C60/240,110.6
- C90/270,113.2

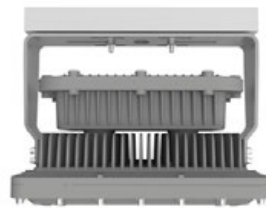
BUG rating: B4-U0-G1

MOUNTING AND OPTIONAL ACCESSORIES (sold separately)

Pendant mount (included standard)

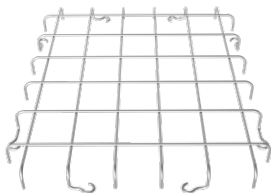


Yoke/pipe bracket mount (optional accessory)



Requires yoke/pipe bracket.

Accessories



WG01 - Stainless steel wire guard

Yoke/pipe bracket



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

UB03 - Anti-vibration U-bracket

Pole type stanchion



SN01 - Pole type stanchion

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

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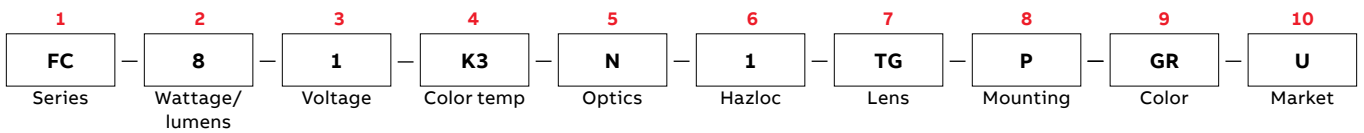
DIMENSIONS

Dimensions are approximate and subject to change.

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

NUMBERING SYSTEM

Lighting fixture



Ordering information

Part	Part number	Description
1 Series	FC	Hazlux® flood light LED
2 Wattage/lumens	8	80W (10,400 lm)
	10	100W (13,000 lm)
	15	150W (19,500 lm)
3 Voltage	1	120-277V
	4	347-480V
4 Color temp	K3	3000K ¹
	K4	4000K ¹
	K5	5000K (standard)
5 Optics	N	25° ¹
	M	60° ¹
	W	120° (standard)
6 Hazloc	1	CID1
	2	CID2, CIID2
7 Lens	TG	Clear glass
	FG	Frosted glass ¹
8 Mounting	P	NPT 3/4 pendant mount
	U	NPT 3/4 pendant mount + yoke bracket
9 Color	G	Gray
10 Market	U	U.S. market
	Blank	Canadian market

Accessories (sold separately)

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

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

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

