

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

SERIES SPECIFICATIONS



CFL SERIES

The value-driven Contractor-series LED Flood Light features a low-profile design with an outdoor-rated die-cast aluminum heat sink. Available with multiple mounting options.



FEATURES & SPECIFICATIONS

Intended Use:

The CFL series LED flood is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting.

Construction:

Durable ADC12 aluminum housing with bronze powder coat finish.

Optics:

Precision-molded polycarbonate optical lens is engineered for superior light area distribution. The CFL series has a beam spread of 90x120.

Electrical:

70% lumen maintenance at >50,000 Hours. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The CFL delivers up to 134 lumens per watt. Driver disconnect is provided to comply with U.S. and Canadian codes. Thermally protected driver standard.

Dimming:

LED drivers deliver dimming from a 0-10V PWM VR control signal. Dims to 10% standard.

Installation:

The CFL series fixture comes with slipfitter or trunnion mounting options. Fixture has an EPA of 1.12.

Listings:

UL listed to US and Canadian safety standards. Wet location listed. Minimum starting temperature -40°C. Fixture is IP65 Rated.

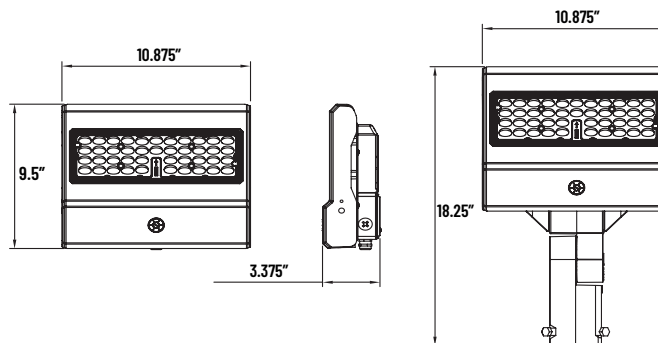
Warranty:

5-year limited warranty.

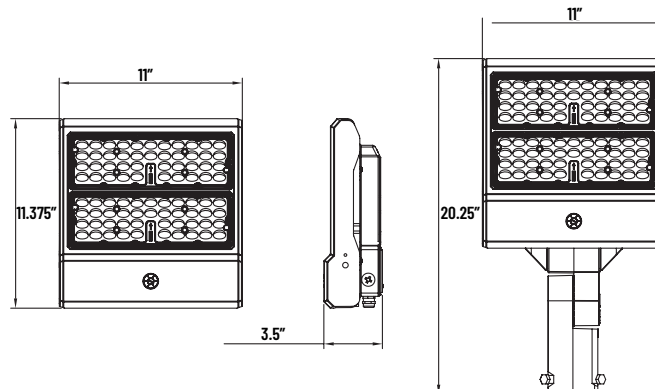
NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWINGS

80W



150W





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ORDERING INFORMATION

Example: CFL5080BZTR

SERIES	COLOR TEMP.	WATTAGE	COLOR	MOUNTING
CFL	[50]: 5000K	[80]: 80W	[BZ]: Bronze	[SF]: Slip Fitter
	[50]: 5000K	[150]: 150W	[BZ]: Bronze	[SF]: Slip Fitter

PERFORMANCE SPECIFICATIONS

SERIES	LUMENS @ 5000K	LPW @ 5000K	MAX. WATTAGE	CRI	POWER FACTOR	FREQUENCY
CFL80	10,735lm	134	80W	>70	0.9	50/60Hz
CFL150	20,582lm	137	150W	>70	0.9	50/60Hz

GENERAL DRIVER INFORMATION				
ELECTRICAL SPECIFICATIONS	80W		150W	
INPUT				
Input Voltage (V AC)	120V-277V (± 10%)			
Frequency Range (Hz)	50-60Hz (+/- 10%)			
	120V	277V	120V	277V
Input Current Max (A) Per Driver	1	1	1.8	1.8
THD @ Full Load	<20%	<20%	<20%	<20%
Efficiency @ Full Load	>88%	>88%	>88%	>88%
OUTPUT				
Dimming Control 0-10V	10%		10%	

ENVIRONMENTAL SPECIFICATIONS	80W/150W
Ambient Range	-40°C to 60°C
EMI Compliance	FCC Part 15 ANSI C63.4:2009 Class B

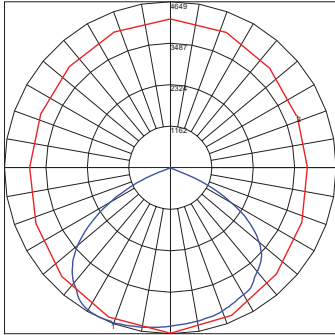
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PHOTOMETRIC REPORTS

80W

Polar Graph

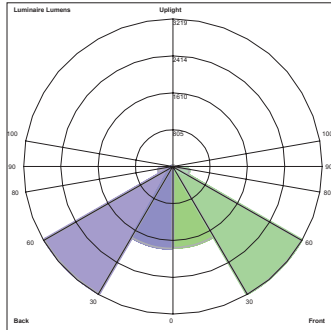
IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL6080BZSF-120V/IES
POLAR GRAPH



Maximum Candela = 4648.89 Located At Horizontal Angle = 270, Vertical Angle = 26
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (26) (Through Max. Cd.)

Luminaire Classification Graph

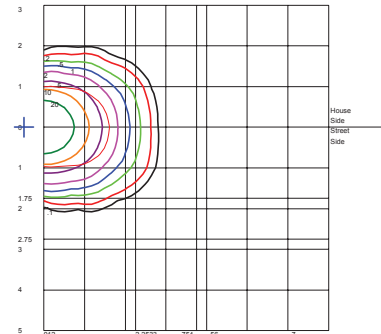
IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL6080BZSF-120V/IES
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1776.5, Medium=3219.2, High=378.5, Very High=10.9
Back: Low=1796.9, Medium=3205.9, High=333.9, Very High=8.2
Uplight: Low=6.5, High=0.0
BUG Rating: B3-U1-G1

Isocandela Plot

IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL6080BZSF-120V/IES
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

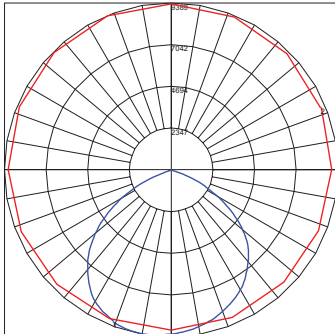


Distance In Units Of Mounting Height
Values Based On: 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(*) = Maximum Candela Point

150W

Polar Graph

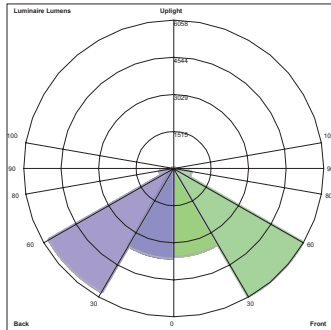
IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL60150BZSF-120V/IES
POLAR GRAPH



Maximum Candela = 9388.8 Located At Horizontal Angle = 112.5, Vertical Angle = 9
1 - Vertical Plane Through Horizontal Angles (112.5 - 262.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (9) (Through Max. Cd.)

Luminaire Classification Graph

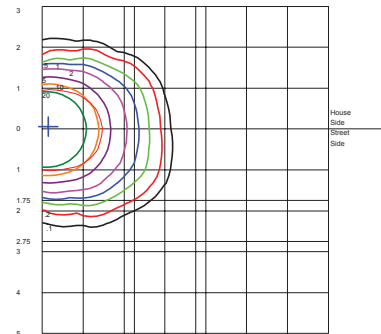
IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL60150BZSF-120V/IES
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=3811.2, Medium=6058.3, High=748.2, Very High=18.6
Back: Low=3699.9, Medium=6047.5, High=694.4, Very High=12.7
Uplight: Low=6.8, High=0.0
BUG Rating: B4-U1-G2

Isocandela Plot

IES ROAD REPORT
PHOTOMETRIC FILENAME : CFL60150BZSF-120V/IES
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
Values Based On: 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(*) = Maximum Candela Point