

The RFL3-LED80 is a sleek, ruggedly designed, high efficiency floodlight. This LED flood has multiple mounting options and accessories to suit a wide range of applications.



APPLICATIONS

Ideal for building façades, sign lighting, area lighting, and wall washing in both commercial and industrial applications.

Project	
Type	
Date	
Notes	

SPECIFICATIONS

Construction

Precision die cast aluminum housing with clear tempered glass lens. Superior heat sink design with air-flow fins on the top and bottom to maximize fixture life.

LED configuration

Each unit has two high efficiency Chips on Board (COBs) that deliver 7945 lumens. The LEDs have a colour temperature of 5000K as standard. 4000K, 3000K also available. The CRI is greater than 70 and the operating temperature range is -40°C to +40°C.

Beam Distribution

NEMA 7H X 6V (wide) is standard. NEMA 3H X 3V (narrow) is available as an option.

Electrical

Total system wattage of the unit is 76W. The standard unit has a high efficiency driver that operates at 120 - 277V. 347V driver also available as an option.

Mounting

Standard unit is available with three mounting options:
 - Yoke mount - 4.53" Yoke with watertight connector.
 - Slip Fitter - fits on 2 3/8" tenon and can be bull horn mounted in various configurations.
 - Wall mount - complete with a wall bracket.
 Please contact us to learn more.

Finish

Standard finish is Bronze. Please consult factory for custom colour.

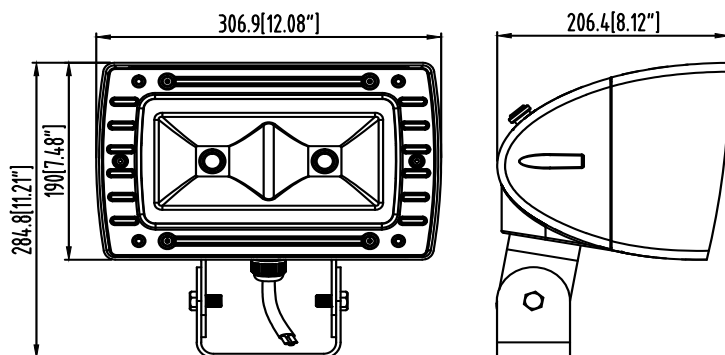
Accessories

Visor, Polycarbonate lens, Wire Guard, Photocell, Phillips Dynadimmer. Phillips Dynadimmer dims the fixture to 25% for 6 hours instead of operating at 100% at all times.

Equivalent to	up to 250W MH
Input Watts	76W
Lumens	7,945
Efficiency	105 lumens per watt

Operating Temperature	-40°C - +40°C
Certification	cULus, DLC, IP65 meets LM79, LM80
Warranty	5 Years
Colour Temperature	5000K (standard) 4000K (option) 3000K (option)
LED life	100,000 hours
Effective Projected Area (EPA Rating)	0.84 sq ft
Total Harmonic Distortion	10%
Power Factor	0.982

DIMENSIONS

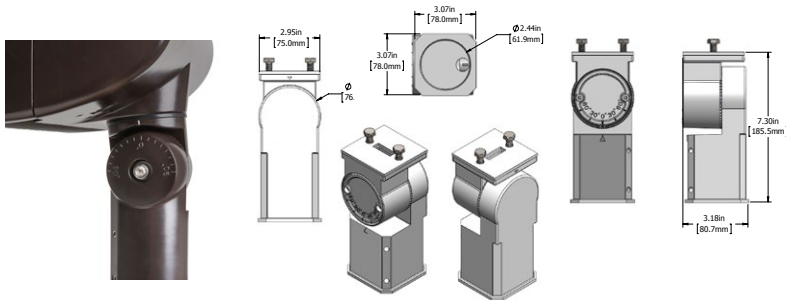


With optional Narrow beam (3X3)

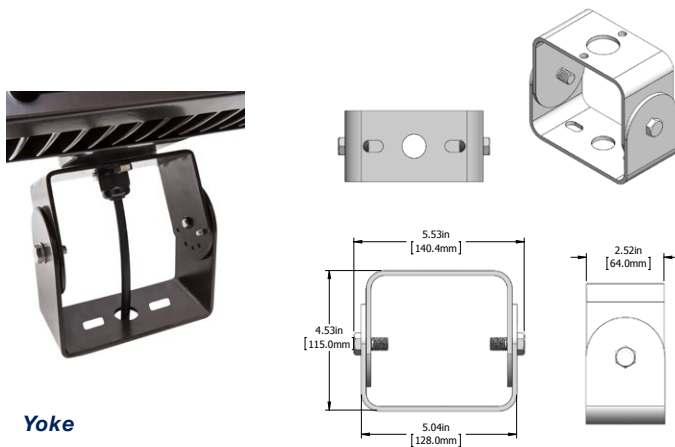


MOUNTING OPTIONS

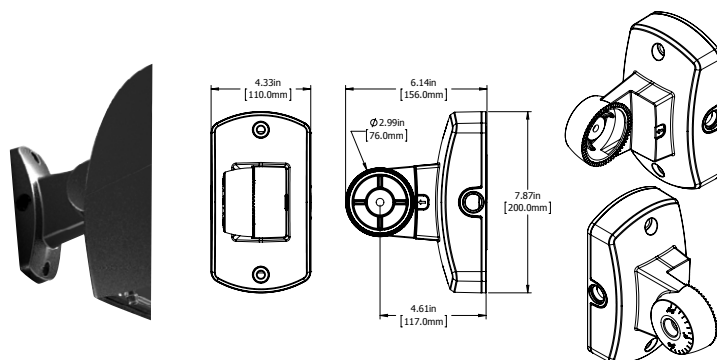
Slipfitter, Yoke, Wall bracket



Slipfitter



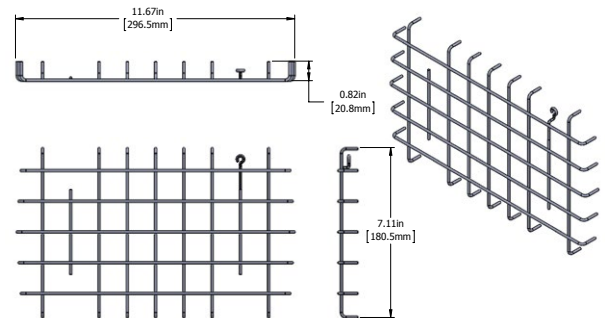
Yoke



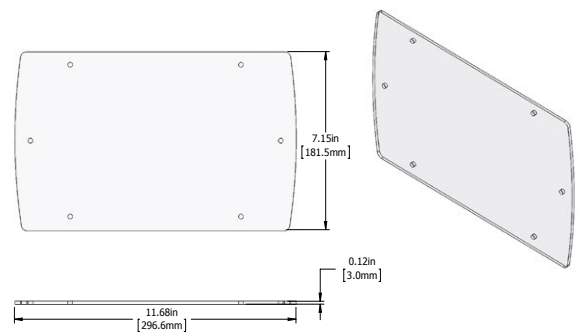
Wall bracket

ACCESSORIES

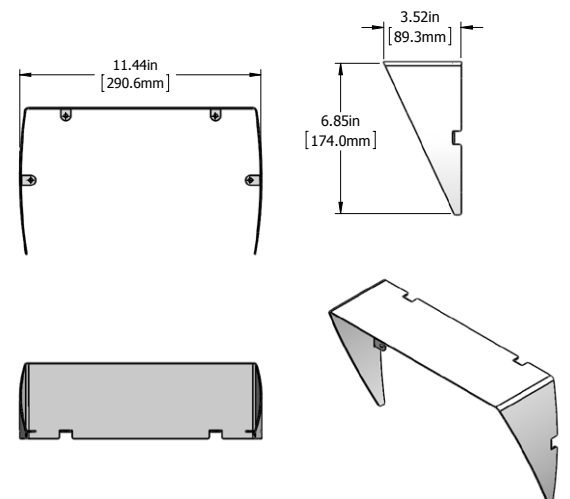
Polycarbonate lens, Wire guard, Visor



Wire Guard



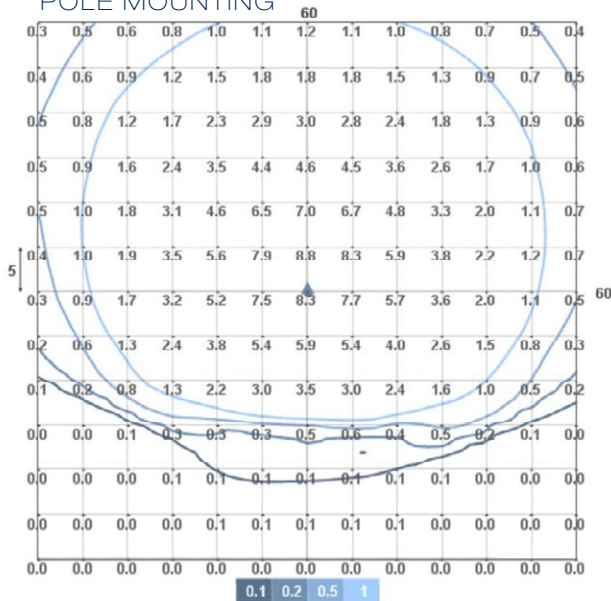
Polycarbonate lens



Visor

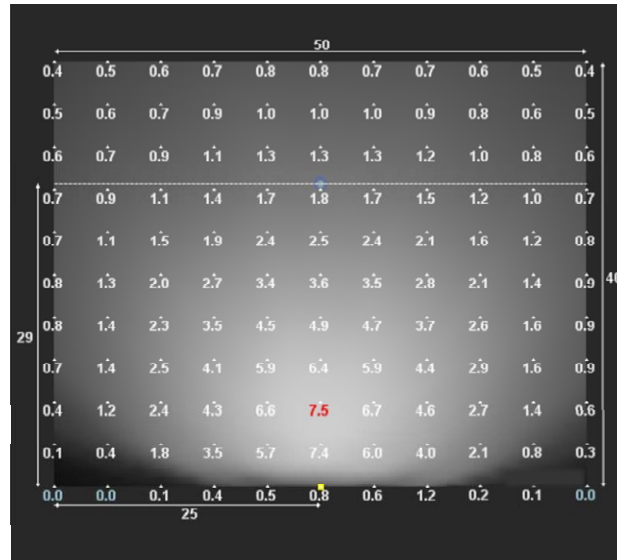
PHOTOMETRIC DATA

POLE MOUNTING



Mounting Height 20 ft
Tilt 20°

WALL WASHING - GROUND LEVEL MOUNTING

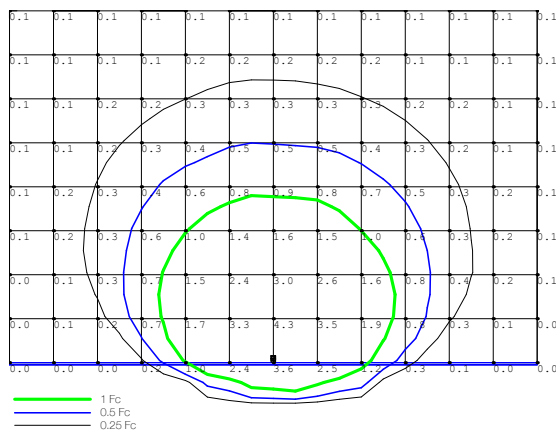


Spacing Results
Spacing 50 ft
Quantity 1
Tilt 150°

Calculation Results
Minimum 0.0 fc
Average 1.9 fc
Maximum 7.5 fc
Ave/Min 92.5
Max/Min 376
Point Spacing 5X4 ft

Design Summary
Surface Width 50 ft
Surface Height 40 ft
Surface Base 0 ft
Setback 16.5 ft

WALL MOUNTING



Mounting Height 25 ft
Tilt 45°
10X10 ft grid

ORDERING GUIDE

RFL3	LED80						
		VOLTAGE	COLOUR TEMP	BEAM	FINISH	MOUNTING	OPTIONS
		B - 120 - 277V*	5K - 5000K*	W - Wide (7X6)*	BRZ - BRONZE*	YK - Yoke*	V - Visor
		A - 120V	4K - 4000K	N - Narrow (3X3)	CC - CUSTOM COLOUR	SF - Slipfit*	WG - Wire Guard
		F - 277V	3K - 3000K			WM - Wall Mount*	PCL - Polycarbonate Lens
		C - 347V					PCA - 120V Photocell**
							PCF - 277V Photocell**
							PCC - 347V Photocell**

* Standard configuration

** Chosen photocell option must be the same as voltage