

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

NOTES:

FDL Floodlight RGBW

DESCRIPTION

The naturaLED® 7×7 floodlights with selectable wattage and RGBW color-changing capability provide a versatile lighting solution for both functional and decorative applications. Advanced RGBW technology allows users to select vibrant colors or clean white light, making these fixtures ideal for security, accent, and architectural lighting. Featuring a wide 100° flood beam, up to 25,000 lumens, and the ability to replace fixtures up to 400 watts, they deliver powerful performance with energy efficiency. Built with an IP66-rated housing for durability in demanding environments, these floodlights are suitable for perimeters, entryways, facades, landscapes, retail spaces, and residential complexes. The standard slip fitter enables easy aiming, and an optional yoke mount accessory (sold separately) is available for added mounting flexibility.

APPLICATIONS

Security, Architectural, Perimeter, Entryway, Pathway, Landscape

FEATURES

- ETL Listed
- IP66 Rated
- Wattage Selectable
- RGBW Selectable
- Wattage Selectable: 100/150/200W
- Color : Red, Green, Blue, White (5000K)
- Voltage: 120-277V
- Surge Protection: 4KV
- Dimmable: 0-10V
- Operating Temperature: -22°F to 122°F
- Beam Angle: 100°
- Slip Fitter: Fits 2.5" pole
- Recommended Mounting Distance: 5~20ft
- Lens: Glass
- Material: Die Cast Aluminum
- Color: Black
- Optional Accessories for Purchase: Yoke Mount and Remote Control



ACCESSORIES



Yoke Mount



Remote Control

SAMPLE NUMBER

FDL200S/77/RGBW/BK-SF

SERIES	WATTAGE	BEAM ANGLE	COLOR	COLOR	ACCESSORY
FDL	200S	77	RGBW	BK	SF
Floodlights	100/150/200W Selectable Wattage	NEMA 7X7	Red Green Blue White (5000K)	Black	Slip Fitter



ORDERING

Ordering Code	Description	Watts (W)	Lumens (Lm)	Color	Equiv. Wattage (W)	Voltage	IP66 Rated
9817	FDL200S/77/RGBW/BK-SF	100	25,000	RGBW	175-400W	120-277V	•
		150	@5000K	Selectable			
		200					

ACCESSORIES



Yoke Mount

P10664 MT-FDL/YK/15.5/BK
(15.5 in Yoke Mount for #9817)

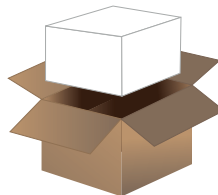


Remote Control

P10665 CTL-FDL/RGBW
(Flood Light RGBW controller for #9817)

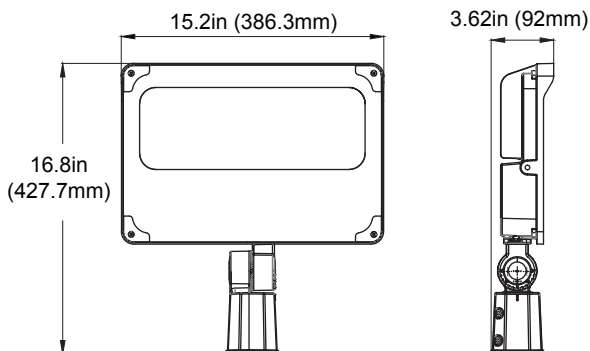
PACKAGE

Master Carton (pc)	Dimensions (in)	Weight (lb)
1	15.5" x 2.95" x 14.96"	12.17

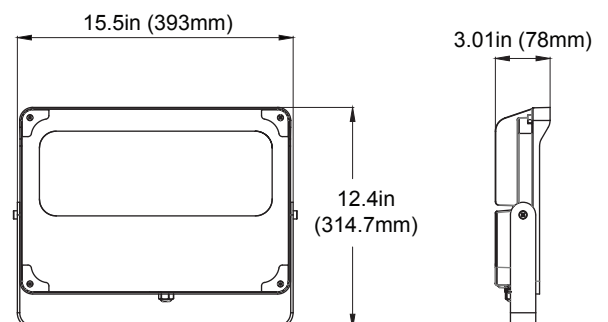


DIMENSIONS

Slip Fitter
11.07-lbs

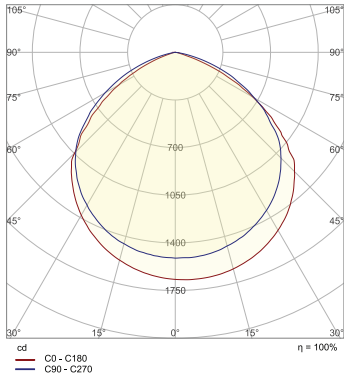


Yoke Mount
0-lbs

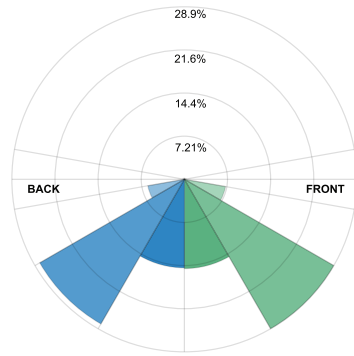


PHOTOMETRICS

RED



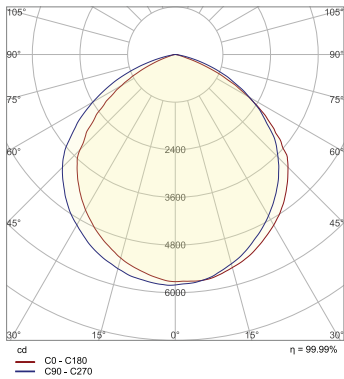
BUG rating B2 U0 G1



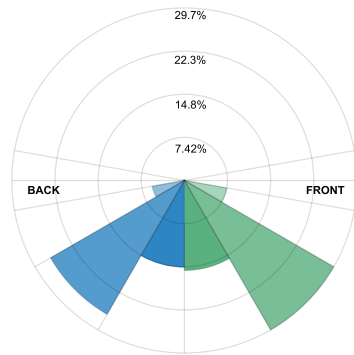
	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	267 fc	6.6 ft	6.6 ft
5.0ft	66.7 fc	13.2 ft	13.2 ft
7.5ft	29.7 fc	19.8 ft	19.8 ft
10.0ft	16.7 fc	26.4 ft	26.4 ft
12.5ft	10.7 fc	33.1 ft	33.0 ft
15.0ft	7.41 fc	39.7 ft	39.6 ft

■ Vert. Spread: 105.8°
■ Horiz. Spread: 105.7°

GREEN



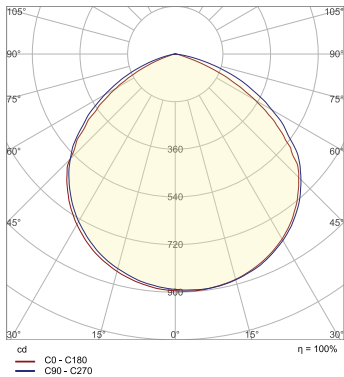
BUG rating B3 U0 G2



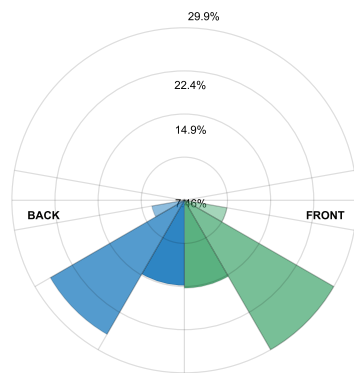
	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	915 fc	6.3 ft	6.9 ft
5.0ft	229 fc	12.6 ft	13.9 ft
7.5ft	102 fc	19.0 ft	20.8 ft
10.0ft	57.2 fc	25.3 ft	27.7 ft
12.5ft	36.6 fc	31.6 ft	34.7 ft
15.0ft	25.4 fc	37.9 ft	41.6 ft

■ Vert. Spread: 103.3°
■ Horiz. Spread: 108.4°

BLUE



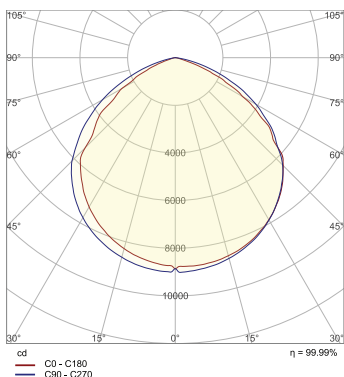
BUG rating B1 U0 G1



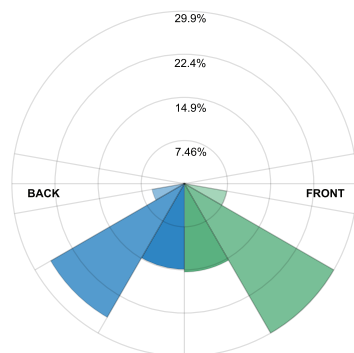
	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	143 fc	6.7 ft	7.2 ft
5.0ft	35.8 fc	13.4 ft	14.4 ft
7.5ft	15.9 fc	20.1 ft	21.5 ft
10.0ft	8.94 fc	26.8 ft	28.7 ft
12.5ft	5.72 fc	33.5 ft	35.9 ft
15.0ft	3.97 fc	40.2 ft	43.1 ft

■ Vert. Spread: 106.5°
■ Horiz. Spread: 110.3°

WHITE



BUG rating B4 U0 G3



	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	1,417 fc	6.4 ft	7.3 ft
5.0ft	354 fc	12.7 ft	14.6 ft
7.5ft	157 fc	19.1 ft	21.8 ft
10.0ft	88.6 fc	25.5 ft	29.1 ft
12.5ft	56.7 fc	31.8 ft	36.4 ft
15.0ft	39.4 fc	38.2 ft	43.7 ft

■ Vert. Spread: 103.7°
■ Horiz. Spread: 111.0°