

CARDINAL

LED Flood Luminaire



Applications: Commercial buildings, apartments, schools, hotels, public areas, schools, hospitals

PERFORMANCE SUMMARY

The Cardinal Series LED Floodlight provides precise optical control with a choice of mounting options to effectively illuminate a wide range of projects.

Combined with clean seamless lines, our Cardinal Series Flood luminaire is both a versatile and modern LED solution that doesn't sacrifice performance. Every configuration is designed for easy installation and aiming, and long-life LEDs reduce maintenance costs to almost zero

Construction

- Slipfitter, adjustable yoke, 1/2" knuckle or trunnion bracket adaptable to multiple project applications
- Clean lines add aesthetic quality to any outdoor setting
- High impact die cast aluminum body with UV stabilized finish
- Weathertight IP65 sealed lens and LED chamber
- DLC Premium 5.1 pre-qualified product

Optics

- 130lm/W operating efficiency
- Philips LumiLED PCB available in 7H6V/7H7V optics
- PC refractor lens deliver exceptional coverage and uniformity while protecting inside electronics
- Tunable CCT switch from warm white (3000k) to daylight (4000k) to cool white (5000k)

Electrical

- AC120-347V / AC277-347V input voltage (0-10VDC Dimmable)
- Optional button photocell sensor control
- 2kV surge protection
- Field selectable, 4 way power control

Specification

Volts: AC120-277V/277-347V
 Average Rated Life: 50,000hrs
 Environment Location: IP65
 Impact Rating: IK08
 Operating Temp: -22°F to 113°F
 CRI: RA70

PRODUCT CODE

Example Cardinal 100 cat. 7H7V.345.15.YK.BR.0

Model No	Distribution	CCT (°K)	Wattage (W)	Accessories	Finish	Options
Cardinal 100	7H7V	345 - CCT	15 - 15W/1,950 lms	KN ² - 1/2" Knuckle	BR - Bronze	DM - Daylight photocell control
100-277V	NEMA 7x7	Selectable	35 - 35W/4,550 lms	YK - Yoke	BK - Black	FS - Field selectable power switch
Cardinal 347	7H6V	3000/4000/5000	55 - 55W/7,150 lms	SL ¹ - Slipfitter		0 - None
277-347V	NEMA 7x6	3 - 3000	75 -75W/9,750 lms	TR - Trunnion		
		4 - 4000	100 - 100W/13,000 lms			
		5 - 5000	120 - 120W/15,600 lms			
			150 - 150W/19,500 lms			

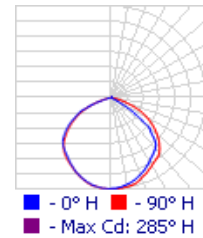
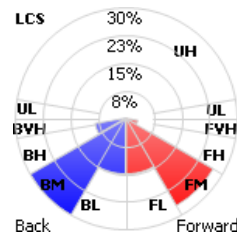
NOTES:-

- ¹SL available for 100-150W
- ²KN not available for 100-150W

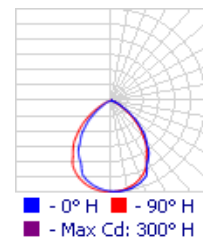
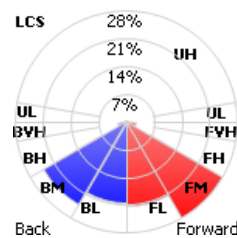


PHOTOMETRICS

7H7V



7H6V



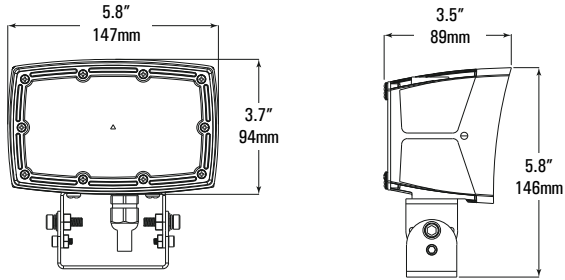
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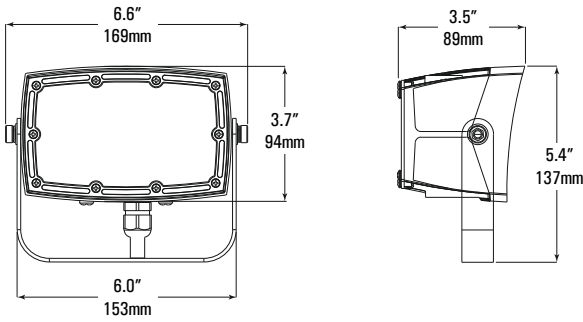
DIMENSIONS

15/35W

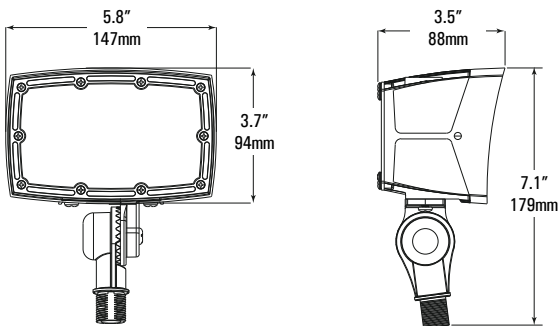
Trunnion



Yoke

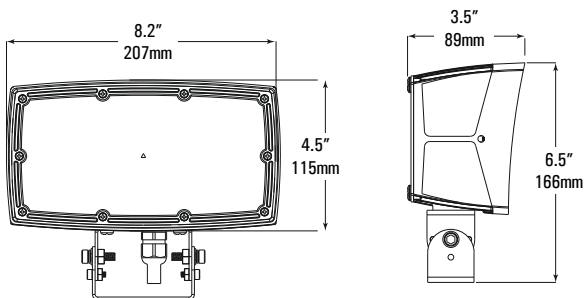


1/2" Knuckle

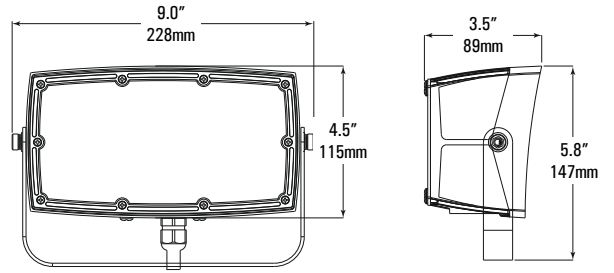


55/75W

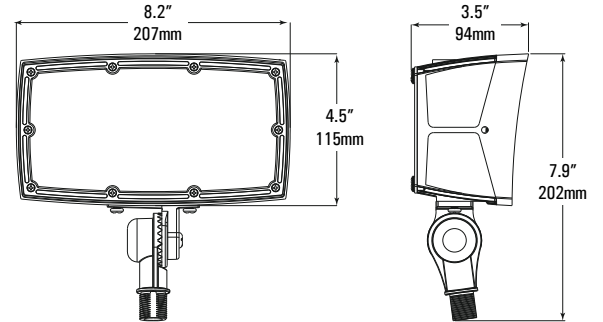
Trunnion



Yoke

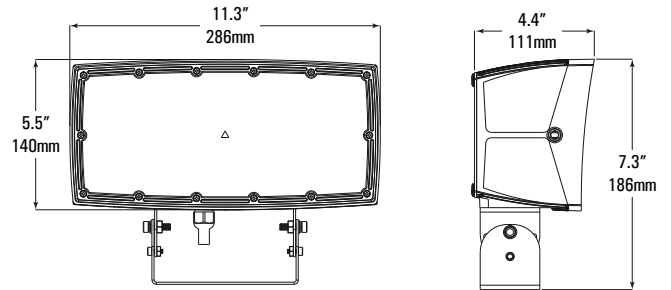


1/2" Knuckle

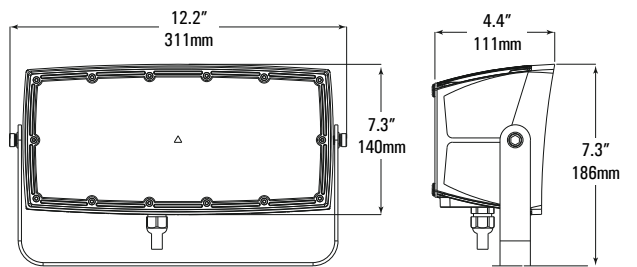


100/120/150W

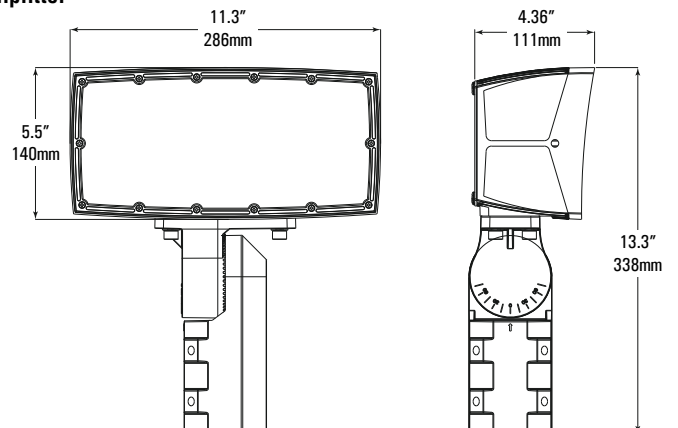
Trunnion



Yoke



Slipfitter



CARDINAL

LED Flood Luminaire

OPTIONS



FS
Power
Selectable



345
CCT
Changeable



DM
Photocell
Control



SL
Slipfitter



KN
1/2"
Knuckle



TR
Trunnion



YK
Yoke