

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, or trunnion bracket adaptable to multiple project applications
- Bold lines add aesthetic quality to any outdoor setting
- High impact IK08 aluminum alloy body
- Weathertight IP66 sealed lens and LED chamber
- Surface finished with a proprietary Akzo Nobel treatment, withstanding harsh weather conditions without cracking or peeling

Optics

- 150lm/W operating efficiency
- Interchangeable lens available in 7H6V/7H5V optics
- PC refractor lens deliver exceptional coverage and uniformity while protecting inside electronics
- High transparency optics with light transmittance of up to 90% reducing light wastage and heat dissipation

Electrical

- AC120-347V / AC277-347V input voltage
- 2kV surge protection
- 4-way power selectable 30-50-75-100%
- Average rated life L70/L90: >131,000H/>40,000H
- PF: > 0.90 THD: <20%
- Operating Temp: -22°F to 113°F
- Optional NEMA photocell receptacle
- Standard 0-10V dimming

PRODUCT CODE

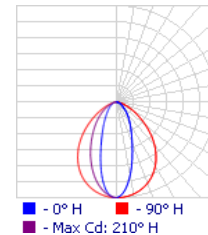
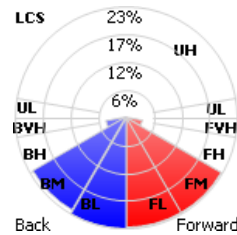
Example Cardinal cat. 120.100.345.7H6V.YK.BR.PC

Model	Voltage	Wattage (W)	CCT (°K)	Distribution	Mounting	Finish	Options
Cardinal	120	75 - 75W/11,250 lms	345 - CCT	7H6V	YK - Yoke	BR - Bronze	PC - NEMA
	120-277V	100 - 100W/15,000 lms	Selectable	NEMA 7x6	SL1 - 2.4" Slipfitter	BK - Black	Photocell
	347	120 - 120W/18,000 lms	3000/4000/5000	7H5V	SL2 - 3.0" Slipfitter		FS - Field
	277-347V	150 - 150W/22,500 lms	3 - 3000	NEMA 7x5	TR - Trunnion		Selectable
		200 - 200W/30,000 lms	4 - 4000				0 - None
		240 - 240W/36,000 lms	5 - 5000				

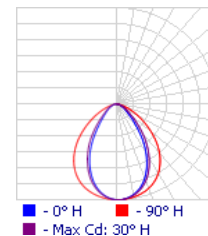
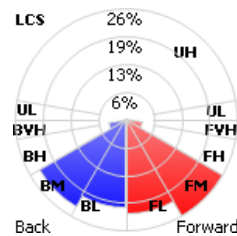


PHOTOMETRICS

7H5V



7H6V



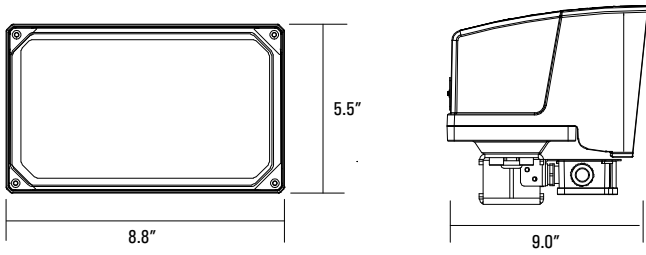
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DIMENSIONS

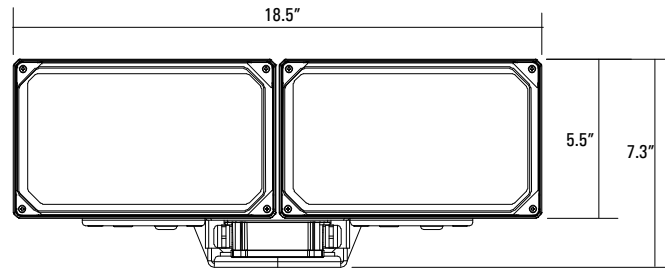
75-150W Head

Weight (May vary with accessories)
7.5lbs (3.4kg)

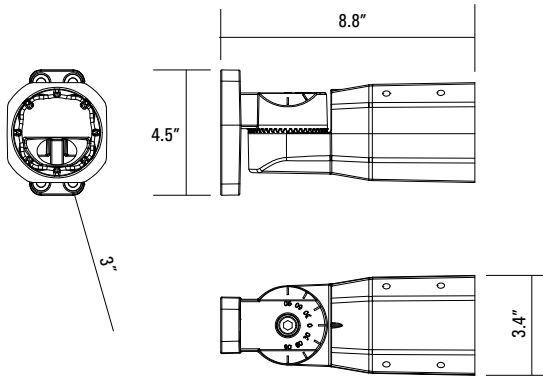


200-300W Head

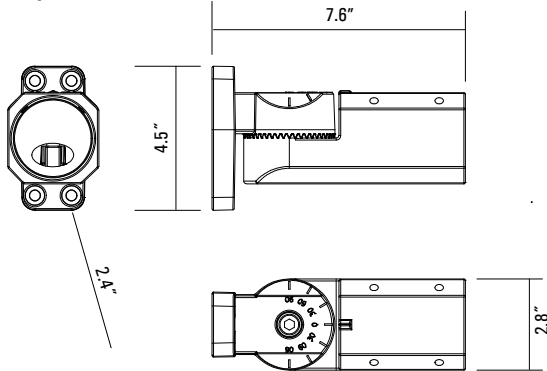
17.4lbs (7.9kg)



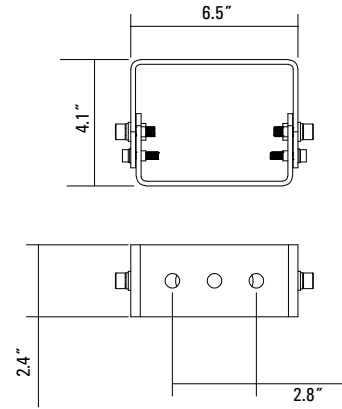
3" Slipfitter



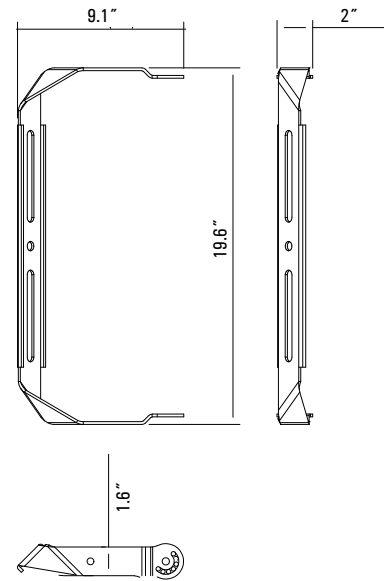
2.4" Slipfitter



Trunnion



Yoke 200-300W



Yoke 75-150W

