

TO BE DISCONTINUED

FL-1 (LED) high powered floodlight	Cat.#		
	Job	Type	
			Approvals

SPECIFICATIONS

Intended Use:

The FL-1 Floodlight is a high performance LED energy and maintenance lighting solution, designed with optical versatility. Markets include: flags, columns, statues, security, building floodlighting, landscapes. The FL-1 LED Floodlight is intended to be used to reduce energy and maintenance associated with legacy HID lighting technology.

Construction:

- The housing and electrical compartment are made from die cast aluminum that is pretreated and powder-coated to meet the most rugged industry standards.

LED/Optics:

- Provides the best combination of vertical and horizontal illumination.
- Features revolutionary individual LED optical control based on high performance TIR optical designs.
- The precisely-designed optics result in fewer fixtures that use less energy, leading to lower life-cycle costs along with lower up front installation costs.

Electrical:

- Fixture electrical compartment contains all LED driver components.
- Power factor is $\geq .90$ at full load.
- Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls
- Surge protection - 20kA

Electrical (Continued):

- Lifeshield™ Circuit - protects luminaire from excessive temperature by interfacing with the 0-10V dimmable drivers to reduce drive current as necessary.

Finish:

- IFS polyester powder-coat electrostatically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 2604 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

Listings:

- The Luminaire shall bear a NRTL label and be marked suitable for wet locations.
- CSA 22.2#250.13-14 for wet locations

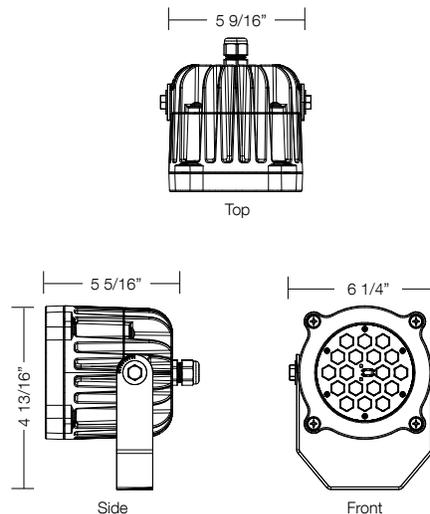
Finish:

Five year limited warranty. For more information, visit: www.hubbellighting.com/resources/warranty

PRODUCT IMAGE(S)



DIMENSIONS



CERTIFICATIONS/LISTINGS



ORDERING INFORMATION ORDERING EXAMPLE: FL/12L-25/3K7/3X5/UNV/YK/VS/DB

SERIES	LED ENGINE	CCT/CRI	DISTRIBUTION	VOLTAGE	MOUNTING	OPTIONS	COLOR
FL FL-1	12L-25 25 Watts - LED Array	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	2X2 Narrow spot 4X4 Narrow flood 5X5 Medium flood 6X6 Wide flood 5X3 Horizontal flood 3X5 Vertical flood	UNV 120-277V	YK Yoke mount (std.) TK Threaded knuckle PK Post top knuckle AJ ¹ Architectural junction box BX ¹ Brass junction box WA ¹ Wall & ceiling adaptor GS ¹ Ground stake PA ¹ Cast post-top adaptor TS ¹ Tree strap 12NA ² 1/2" NPT adaptor (std.) 34NA ² 3/4" NPT adaptor	VS Visor	DB Dark bronze textured BL Black textured WH White textured PS Plat. silver smooth GYS Light gray smooth CC Custom color

¹ Not available with PK

² Available when YK option is chosen



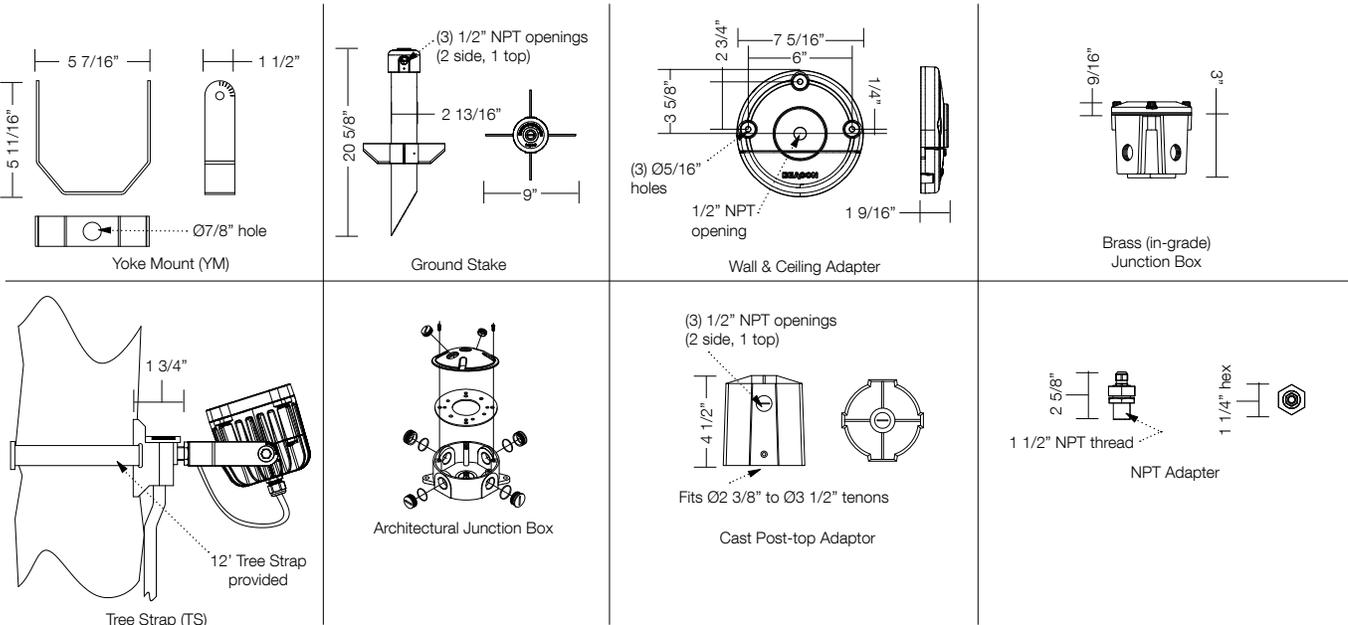
TO BE DISCONTINUED

PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	FIELD ANGLE H" X V"	5K (5000K nominal, 70 CRI)			4K (4000K nominal, 70 CRI)			3K (3000K nominal, 70 CRI)		
					LUMENS	LPW ¹	MAX BEAM CANDLEPOWER	LUMENS	LPW ¹	MAX BEAM CANDLEPOWER	LUMENS	LPW ¹	MAX BEAM CANDLEPOWER
12	700mA	25w	2X2	30" X 30"	2,776	111	27044	2,804	112	27318	2,524	101	24586
			4X4	55" X 55"	2,659	106	7623	2,686	107	7701	2,418	97	6931
			5X5	90" X 90"	2,482	99	2359	2,507	100	2383	2,256	90	2145
			5X3	73" X 43"	2,396	96	5530	2,420	97	5586	2,178	87	5027
			3X5	43" X 73"	2,396	96	5530	2,420	97	5586	2,178	87	5027
			6X6	103" X 103"	2,504	100	2175	2,566	103	2197	2,309	92	1977

¹Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

MOUNTING OPTIONS



ACCESSORIES

