

FL4-SERIES MULTI-MOUNT FLOOD LIGHT



Project	
Date	
Prepared by	
Model #	FL4-4504T5-2

OVERVIEW

The FL4-Series Flood Light represents our entry into specification grade exterior lighting. Finished in black, its sleek design and larger housing size provides an attractive look, especially when mounted on poles.

Offering a wide range of mounting options, lumen packages, IES beam distribution patterns, and integrated controls, they will allow you to achieve any design requirement.

PRODUCT HIGHLIGHTS

- Interchangeable mounting options to adapt to any application: yoke, trunnion, slip fitter or mounting arm*
- Operates in -40°F/-40°C degree outdoor weather
- 1-10V dimming for maximum control and energy savings
- IP65 and Wet Location rated
- Black contemporary finish to complement all outdoor environments





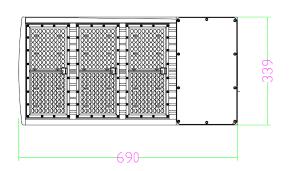






*Fixture does not include mount. Mount must be ordered separately.

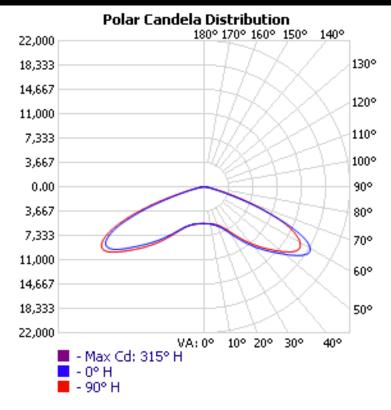
OPTICAL SPECIFICATIONS				
Lumen Output (lm) 1	60800 lm	Beam Angle (°) ₁	Type V (125°x160°)	
CCT (K) 1	4000K	Projected Lifetime (L ₇₀)	50,000 hrs	
CRI (Ra) ₁	82	Chromaticity Shift	±250K	
Efficacy (lm/W) 1	135 lm/W			
ELECTRICAL SPECIFICATIONS				
Power	450W	Replacement For	Up to 1000W HID or HPS/MH	
Apparent Power (VA)	455VA	Current Draw at 277V _{AC} (A) ₂	1.65A	
System Wattage (W)	449.21W	Current Draw at 347V _{AC} (A) ₂	1.18A	
Input Voltage	277-480VAC	Current Draw at 480V _{AC} (A) ₂	0.95A	
Output Voltage	56VDC			
PRODUCT DIMENSIONS				





CONSTRUCTION				
Housing Material	Aluminum Alloy	Installation Method	Wall Mounted/ Square Pole Mounted/ Round Pole Mounted	
Housing Color	Black	Operation Range (°F/°C)	-40°F to 113°F/-40°C to 45°C	
Lens Material	Polycarbonate	Weight (Kg/Lbs)	12.5kg / 27.55lbs	
Dimensions (inch/mm)	27.2" x13.3 " x 3.7" / 690mm x 339mm x 95mm	Warranty	10 Years	
	APPROVALS	AND LISTINGS		
DLC Premium	PM8L3UYB	IP Rating	IP65	
Wet Location Rated	Yes	EPA Rating	2.57ft²	
UL/ETL	cETLus	BUG Rating	B5-U3-G5	
LED AND DRIVER SPECIFICATIONS				
LED Type	3030	Surge Protection	L/N-PE 10KV, L-N: 10KV	
Dimmable	Yes (1-10V)	Inrush Current (A)	50A	
Power Factor	0.9	Driver Class	Class 2	
THD	15%			

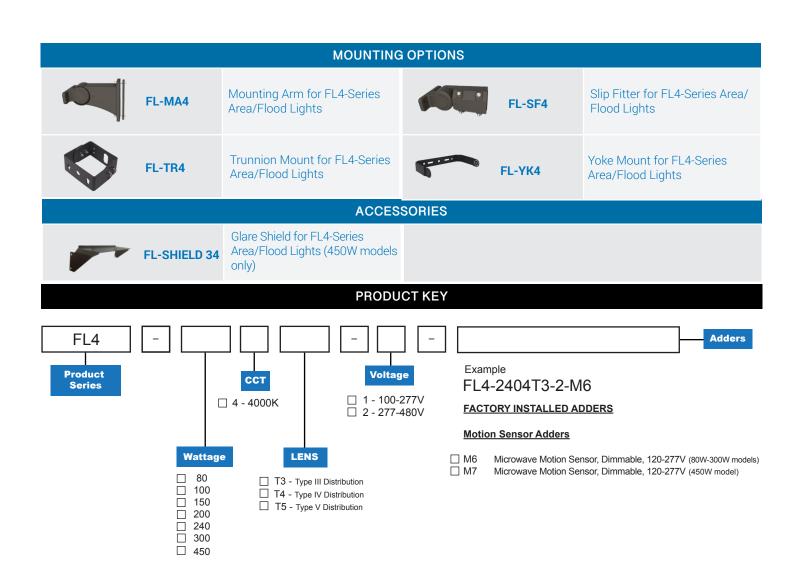
PHOTOMETRICS



ILLUMINANCE AT A DISTANCE					
	CENTER BEAM	BEAM SPR	EAD(FT)	FIELD SPRE	EAD(FT)
HEIGHT(FT)	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	346.35 FC	11.5	24.0	19.6	44.7
8.00	86.59 FC	23.1	48.0	39.1	89.4
12.00	38.48 FC	34.6	72.0	58.7	134.1
16.00	21.65 FC	46.1	96.0	78.2	178.8
20.00	13.85 FC	57.7	120.0	97.8	223.4
		BEAM ANGLE		FIELD ANGLE	
		110.5°	143.1°	135.5°	159.7°

ZONA	L LUMEN	SUMMA	RY
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,417.7	8.9%	8.9%
0-40	11,235.6	18.5%	18.5%
0-60	35,715.7	58.7%	58.7%
60-90	24,829.3	40.8%	40.8%
70-100	8,299.6	13.7%	13.7%
90-120	135.7	0.2%	0.2%
0-90	60,545.0	99.6%	99.6%
90-180	254.6	0.4%	0.4%
0-180	60,799.6	100%	100%

LCS TABLE		
BUG RATING B5 - U3		J3 - G5
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,741.6	4.5%
MEDIUM(30-60):	15,576.1	25.6%
HIGH(60-80):	12,057.0	19.8%
VERY HIGH(80-90):	400.0	0.7%
BACK LIGHT		
LOW(0-30):	2,675.5	4.4%
MEDIUM(30-60):	14,725.2	24.2%
HIGH(60-80):	11,976.4	19.7%
VERY HIGH(80-90):	394.5	0.6%
UPLIGHT		
LOW(90-100):	45.2	0.1%
HIGH(100-180):	209.4	0.3%
TRAPPED LIGHT:	0.000	0%



Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.

Refer to Warranty Terms & Conditions available at premiseled.com/warranty