



Project	
Date	
Prepared by	
Model #	FL4-3004T5-2

FL4-SERIES MULTI-MOUNT FLOOD LIGHT



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.

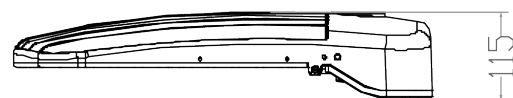
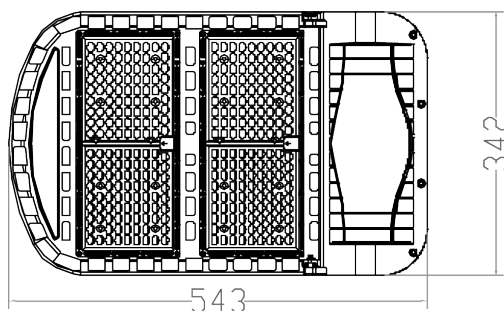
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	40675 lm	Beam Angle (°) ₁	Type V (125°x160°)
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	50,000 hrs
CRI (Ra) ₁	80	Chromaticity Shift	[±250K]
Efficacy (lm/W) ₁	136 lm/W		

ELECTRICAL SPECIFICATIONS

Power	300W	Replacement For	Up to 1000W HID or HPS/MH
Apparent Power (VA)	305.6VA	Current Draw at 277V _{AC} (A) ₂	1.10A
System Wattage (W)	296.93W	Current Draw at 347V _{AC} (A) ₂	0.80A
Input Voltage	277-480VAC	Current Draw at 480V _{AC} (A) ₂	0.65A
Output Voltage	48VDC		

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)	10.3kg / 22.7lbs
Dimensions (inch/mm)	21.4" x13.5" x 4.5" / 543mm x 342mm x 115mm	Warranty	10 Years

APPROVALS AND LISTINGS

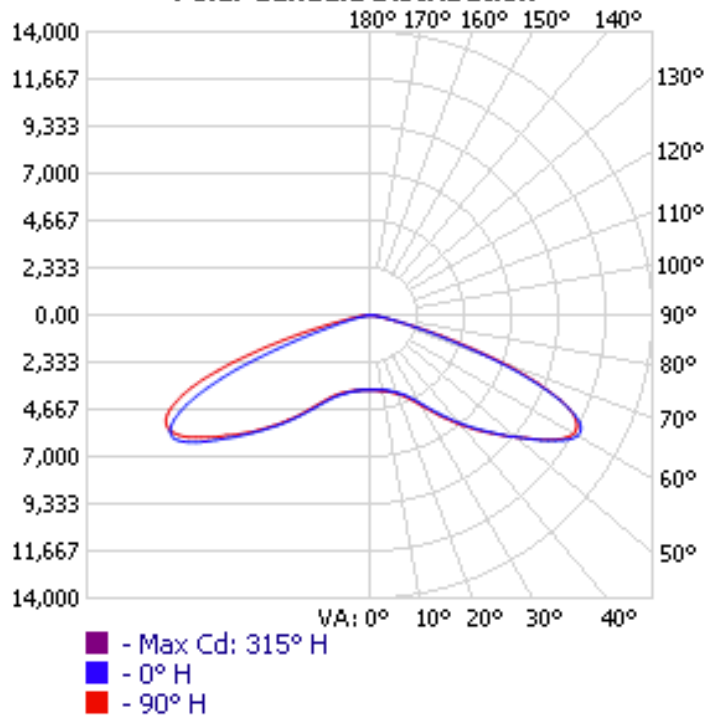
DLC Premium	PK011K78	IP Rating	IP65
Wet Location Rated	Yes	EPA Rating	2.57ft ²
UL/ETL	cETLus	BUG Rating	B5-U3-G4

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

Polar Candela Distribution



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,587.8	8.8%	8.8%
0-40	7,347.1	18.1%	18.1%
0-60	22,862.4	56.2%	56.2%
60-90	17,638.1	43.4%	43.4%
70-100	6,433.0	15.8%	15.8%
90-120	97.7	0.2%	0.2%
0-90	40,500.6	99.6%	99.6%
90-180	174.8	0.4%	0.4%
0-180	40,675.4	100%	100%

LCS TABLE

BUG RATING	B5 - U3 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,778.5	4.4%
MEDIUM(30-60):	9,553.0	23.5%
HIGH(60-80):	8,896.3	21.9%
VERY HIGH(80-90):	415.5	1%
BACK LIGHT		
LOW(0-30):	1,808.9	4.4%
MEDIUM(30-60):	9,723.7	23.9%
HIGH(60-80):	8,100.3	19.9%
VERY HIGH(80-90):	224.8	0.6%
UPLIGHT		
LOW(90-100):	34.6	0.1%
HIGH(100-180):	140.3	0.3%
TRAPPED LIGHT:	0.0	0%

ILLUMINANCE AT A DISTANCE

HEIGHT(FT)	CENTER BEAM	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	230.98 FC	12.2	26.2	21.3	50.2
8.00	57.74 FC	24.3	52.4	42.5	100.3
12.00	25.66 FC	36.5	78.6	63.8	150.5
16.00	14.44 FC	48.6	104.8	85.0	200.6
20.00	9.24 FC	60.8	131.0	106.3	250.8
		BEAM ANGLE		FIELD ANGLE	
		113.3°	146.0°	138.7°	161.9°

