PREMISE

# 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
- Available with integrated motion sensor or photocell (optional)

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

DLC QPL LISTED PREMIUM | c(ETL)us Intertek | IP65 | Dimmable | 10YEAR WARRANTY

OPTICAL SPECIFICATIONS

Lumen Output (lm) [1]	20501 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]	135 lm/W		

ELECTRICAL SPECIFICATIONS

Power	150W	Replacement For	Up to 450W HID or HPS/MH
Apparent Power (VA)	153.5VA	Current Draw at 120V_{AC} (A) [2]	1.25A
System Wattage (W)	151.74W	Current Draw at 208V_{AC} (A) [2]	0.81A
Input Voltage	100-277VAC	Current Draw at 240V_{AC} (A) [2]	0.63A
Output Voltage (VDC)	56VDC	Current Draw at 277V_{AC} (A) [2]	0.553A

PRODUCT DIMENSIONS

342

389

109
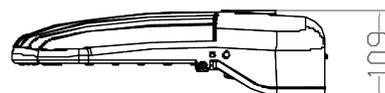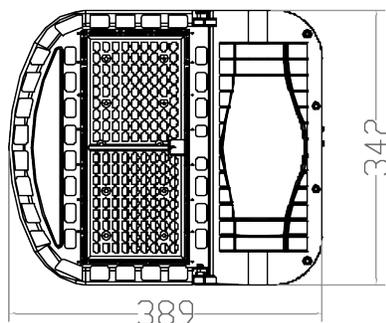
CONSTRUCTION

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)**	6.9kg / 15.21lbs
Dimensions (inch/mm)	15.3" x13.4 " x 4.3" / 389mm x 342mm x 109mm	**Warranty**	10 Years

APPROVALS AND LISTINGS

DLC Premium	PP1UI4UU	**IP Rating**	IP65
Wet Location Rated	Yes	**EPA Rating**	1.89 ft²
UL/ETL	cETLus	**BUG Rating**	B4-U3-G2

LED AND DRIVER SPECIFICATIONS

LED Type	3030	**Surge Protection**	L/N-PE: 10KV, L-N: 6KV
Dimmable	Yes (1-10V)	**Inrush Current (A)**	60A/125A
Power Factor	0.9	**Driver Class**	Class 2
THD	15%		

PHOTOMETRICS

Polar Candela Distribution

- Max Cd: 135° H
- 0° H
- 90° H
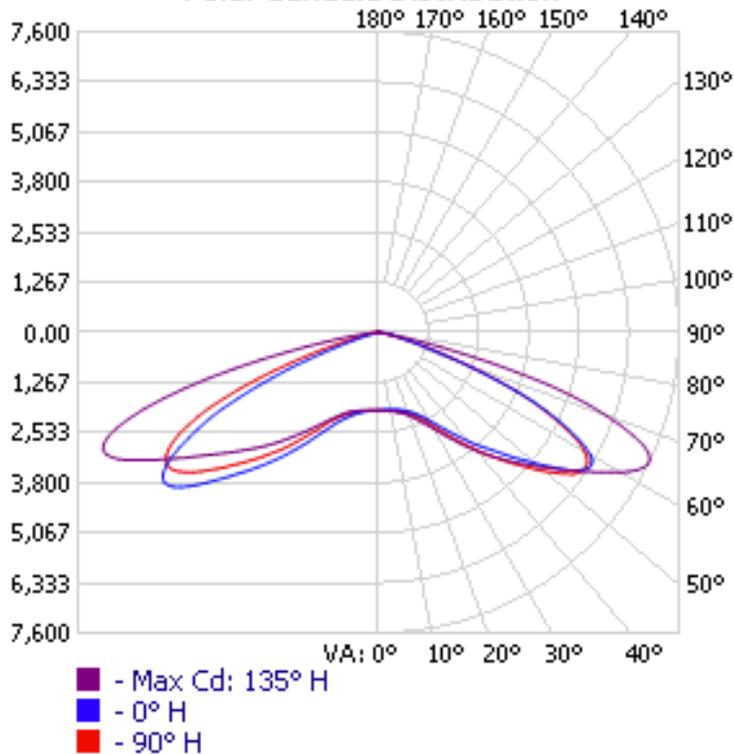
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,903.3	9.3%	9.3%
0-40	3,957.8	19.3%	19.3%
0-60	12,886.9	62.9%	62.9%
60-90	7,492.9	36.5%	36.5%
70-100	2,096.8	10.2%	10.2%
90-120	61.8	0.3%	0.3%
0-90	20,379.8	99.4%	99.4%
90-180	121.2	0.6%	0.6%
0-180	20,501.1	100%	100%

LCS TABLE

BUG RATING	B4 - U3 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	927.8	4.5%
MEDIUM(30-60):	5,247.9	25.6%
HIGH(60-80):	3,848.7	18.8%
VERY HIGH(80-90):	134.2	0.7%
BACK LIGHT		
LOW(0-30):	975.4	4.8%
MEDIUM(30-60):	5,736.8	28%
HIGH(60-80):	3,458.6	16.9%
VERY HIGH(80-90):	51.4	0.3%
UPLIGHT		
LOW(90-100):	20.3	0.1%
HIGH(100-180):	101.0	0.5%
TRAPPED LIGHT:	0.000	0%

ILLUMINANCE AT A DISTANCE

	CENTER BEAM	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
HEIGHT(FT)	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	123.11 FC	11.4	20.4	18.9	34.2
8.00	30.78 FC	22.8	40.8	37.9	68.4
12.00	13.68 FC	34.2	61.2	56.8	102.5
16.00	7.69 FC	45.6	81.5	75.7	136.7
20.00	4.92 FC	57.0	101.9	94.7	170.9
		BEAM ANGLE		FIELD ANGLE	
		109.9°	137.1°	134.2°	153.7°

MOUNTING OPTIONS

	FL-MA4	Mounting Arm for FL4-Series Area/Flood Lights	
		FL-SF4	Slip Fitter for FL4-Series Area/Flood Lights
	FL-TR4	Trunnion Mount for FL4-Series Area/Flood Lights	
		FL-YK4	Yoke Mount for FL4-Series Area/Flood Lights

ACCESSORIES

	PC1-TPT-1	Stem Mount Swivel Photocell (Compatible with Mounting Arm or Slip Fitter option only)	
		FL-SHIELD14	Glare Shield for FL4-Series Area/Flood Lights (80W/100W/150W models only)

PRODUCT KEY

| FL4 | – | | | | – | | – | | Adders |

Product Series

CCT
☐ 4 - 4000K

Voltage
☐ 1 - 100-277V
☐ 2 - 277-480V

Wattage
☐ 80
☐ 100
☐ 150
☐ 200
☐ 240
☐ 300
☐ 450

LENS
☐ T3 - Type III Distribution
☐ T4 - Type IV Distribution
☐ T5 - Type V Distribution

Example
FL4-2404T3-1-M6P1

FACTORY INSTALLED ADDERS

Motion Sensor Adders

☐ M6   Microwave Motion Sensor, Dimmable, 120-277V (80W-300W models)
☐ M7   Microwave Motion Sensor, Dimmable, 120-277V (450W model)

Photocell Sensor Adders

☐ P1   Stem Mount Photocell, 120V (Mounting Arm and Slip Fitter Only)

---

1. 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.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty

Specifications and dimensions subject to change without notice.

3401 ENTERPRISE PARKWAY
BEACHWOOD, OH USA 44122

80-86 CARRIER DRIVE
TORONTO, ON CANADA M9W 5R1