



## FL3-SERIES MULTI-MOUNT FLOOD LIGHT



INTERCHANGEABLE  
MOUNTING ARM & SLIPFITTER  
ATTACHMENTS (OPTIONAL)



10 YEAR  
WARRANTY

Catalog #	
Project	
Date	
Prepared by	
Model #	FL3-2304T5-2-BK-TR

### OVERVIEW

The FL3-Series Multi-Mount LED Flood Light is a high output, high efficiency commercial-grade flood light collection designed to make installation versatile and convenient. Each flood light includes a trunnion mount that can be removed and replaced with optional mounting attachments including a mounting arm or slip fitter, making these fixtures ready for any application.

### PRODUCT HIGHLIGHTS

- Optional interchangeable mounting arm or slipfitter attachments for easy installation in any application
- Operates in -40°F/-40°C degree outdoor weather
- 0-10V dimming for maximum control and energy savings
- IP65 rated for dust tight, protection against water projected from a nozzle
- Includes trunnion mount that can be detached for optional mounts

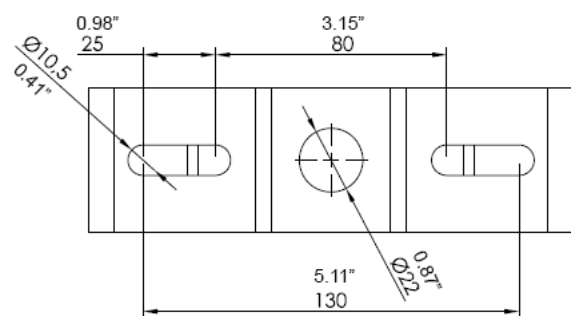
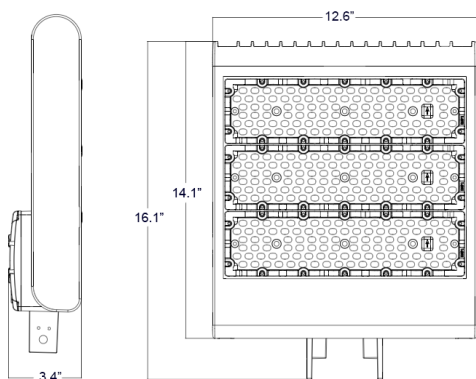
#### OPTICAL SPECIFICATIONS

Lumen Output (lm) <sub>1</sub>	32456 lm	Beam Angle	NEMA Type 6x5
CCT (K) <sub>1</sub>	4000K	Projected Lifetime (L <sub>70</sub> )	>100,000 hrs
CRI (Ra) <sub>1</sub>	>70	Lumen Maintenance Factor	70%
Efficacy (lm/W) <sub>1</sub>	>137 lm/W	Chromaticity Shift	±120K

#### ELECTRICAL SPECIFICATIONS

Power	230W	Current Draw at 277V <sub>AC</sub> (A) <sub>2</sub>	0.852A
Apparent Power (VA)	262VA	Current Draw at 347V <sub>AC</sub> (A) <sub>2</sub>	0.68A
System Wattage (W)	235W	Current Draw at 480V <sub>AC</sub> (A) <sub>2</sub>	0.507A
Input Voltage	277-480VAC <sub>2</sub>		
Replacement For	Up to 750W HID or HPS/MH		

#### PRODUCT DIMENSIONS



## LED & DRIVER SPECIFICATIONS

LED Design Origin	USA	Power Factor	>0.9
LED Brand	Lumileds	THD	15%
LED Type	Luxeon 3030	Inrush Current (A)	Cold Start 50A at 480V
Dimmable	Yes (1-10V)	Driver Class	Class 2
Output Voltage (VDC)	21-42VDC	Surge Protection	4 kV

### CONSTRUCTION

Housing Material	Powder Coated ADC12 Aluminum Alloy
Housing Color	Black Optional Colors: Gray, Brown, White, Silver
Lens Material	Polycarbonate
Dimensions (inch/mm)	14.1" (L) x 12.6" (W) x 3.4" (D) (360 x 320 x 87 mm)
Weight (kg/lbs)	7.52kg / 16.6lbs
Installation Method	Trunnion Mount (included) Slip Fitter and Mounting Arm (optional)
Operation Range (°C/°F)	-40°C to +40°C -40°F to +104°F
Warranty <sub>3</sub>	10 Years

### APPROVALS & LISTINGS

DLC Premium	PFDNL3NT
UL/ETL Listed	cULus
UL/ETL File Number	E473127
IP Rating	IP65
EPA Rating	1.49

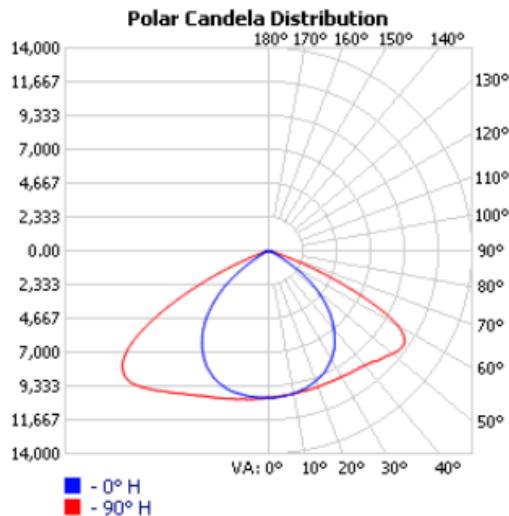
#### Rated Lifetime<sup>1</sup>

Models	Lumen Output = 90% of Initial (L <sub>90</sub> ) <sup>2</sup>	Lumen Output = 70% of Initial (L <sub>70</sub> ) <sup>2</sup>
FL3-1004Tx-x-xx	>55,000 hrs	>100,000 hrs
FL3-1504Tx-x-xx	>45,000 hrs	>100,000 hrs
FL3-2304Tx-1-xx	>45,000 hrs	>60,000 hrs
FL3-2304Tx-2-xx	>45,000 hrs	>100,000 hrs
FL3-3004Tx-1-xx	>45,000 hrs	>75,000 hrs
FL3-3004Tx-2-xx	>45,000 hrs	>100,000 hrs

1. Rated Lifetime projected the time needed for the fixture to drop its lumen output to 90% and 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test reports.

2. Calculations are based on TM-21 Projection and ISTMT (In Situ) luminaire test report, estimated rated lifetime (hours) at T<sub>A</sub>=25°C (ambient temperature).

## POLAR CANDELA DISTRIBUTION



## ILLUMINANCE AT A DISTANCE

6.6ft / 2M	235.28 fc / 2532.54 LUX
9.8ft / 3M	104.57 fc / 1125.57 LUX
13.1ft / 4M	58.82 fc / 633.14 LUX
16.4ft / 5M	37.65 fc / 405.21 LUX
19.7ft / 6M	26.14 fc / 281.39 LUX

## OPTIONAL ACCESSORIES

FL3-MA	Mounting Arm Attachment	FL3-SF	Slip Fitter Attachment
FL3-RPA	Round Pole Adapter		

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](http://premiseled.com/warranty)