



Project	
Date	
Prepared by	
Model #	FL3-4004T5-2-BK-TR

# FL3-SERIES MULTI-MOUNT FLOOD LIGHT



## 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

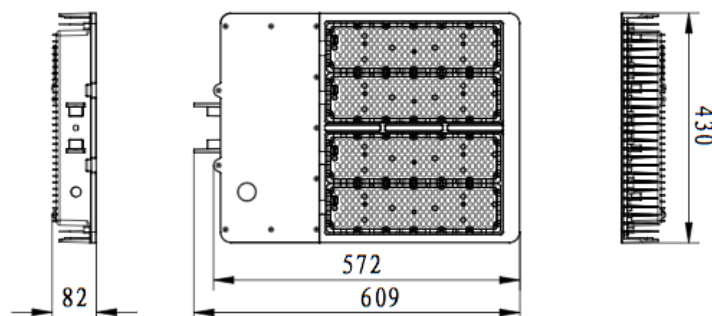
### OPTICAL SPECIFICATIONS

Lumen Output (lm) <sub>1</sub>	52413 lm	Beam Angle (°) <sub>1</sub>	NEMA Type 6x5
CCT (K) <sub>1</sub>	4000K	Projected Lifetime (L <sub>70</sub> )	>50,000 hrs
CRI (Ra) <sub>1</sub>	>70	Lumen Maintenance Factor	70%
Efficacy (lm/W) <sub>1</sub>	>130 lm/W	Chromaticity Shift	±120K

### ELECTRICAL SPECIFICATIONS

Power	400W	Current Draw at 277V <sub>AC</sub> (A) <sub>2</sub>	1.8A
Apparent Power (VA)	447VA	Current Draw at 347V <sub>AC</sub> (A) <sub>2</sub>	1.4A
System Wattage (W)	403W	Current Draw at 480V <sub>AC</sub> (A) <sub>2</sub>	1.0A
Input Voltage	277-480VAC		

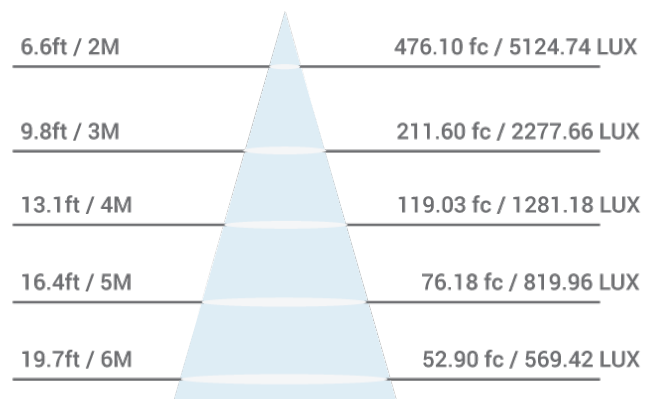
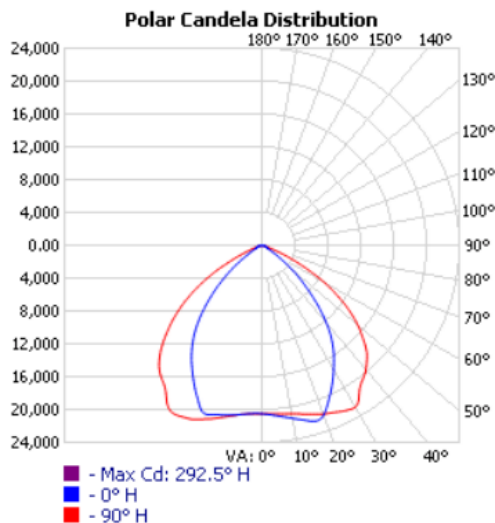
### PRODUCT DIMENSION



CONSTRUCTION		APPROVALS AND LISTINGS									
Housing Material	Powder Coated ADC12 Aluminum Alloy	DLC Premium	PLGPPTBNG9PN								
Housing Color	Black Optional Colors: Gray, Brown, White, Silver	Wet Location Rated	Yes								
Lens Material	Polycarbonate	UL/ETL	cULus								
Dimensions (inch/mm)	22" (L) x 16.9" (W) x 3.3" (D) (560 x 430 x 82 mm)	UL/ETL File Number	E473127								
Installation Method	Trunnion Mount (included) Slip Fitter and Mounting Arm (optional)	EPA Rating	3.18								
Operation Range (°F/°C)	-40°C to +35°C -40°F to +95°F	<table><tr><th colspan="2">Rated Lifetime<sup>1</sup></th></tr><tr><th>Models</th><th>Lumen Output = 70% of Initial (L<sub>70</sub>)<sup>2</sup></th></tr><tr><td>FL3-4004T5-1-BK-TR</td><td>&gt;50,000 hrs</td></tr><tr><td>FL3-4004T5-2-BK-TR</td><td>&gt;50,000 hrs</td></tr></table>		Rated Lifetime <sup>1</sup>		Models	Lumen Output = 70% of Initial (L <sub>70</sub> ) <sup>2</sup>	FL3-4004T5-1-BK-TR	>50,000 hrs	FL3-4004T5-2-BK-TR	>50,000 hrs
Rated Lifetime <sup>1</sup>											
Models	Lumen Output = 70% of Initial (L <sub>70</sub> ) <sup>2</sup>										
FL3-4004T5-1-BK-TR	>50,000 hrs										
FL3-4004T5-2-BK-TR	>50,000 hrs										
IP Rating	IP65	1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report.									
Warranty	10 Years	2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25oC (ambient temperature)									

LED AND DRIVER SPECIFICATIONS			
LED (Brand)	Lumileds	Power Factor	0.9
LED Design Origin	USA	THD	15%
LED Type	Luxeon 3030	Surge Protection	4kV (Line to Earth); 2kV (Line to Line)
Dimmable	Yes (1-10V)	Inrush Current (A)	Cold Start 30A at 230V
Output Voltage (VDC)	40VDC	Driver Class	Class 2

CANDELA	ILLUMINANCE AT A DISTANCE
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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)

Specifications and dimensions  
subject to change without notice.

3401 ENTERPRISE PARKWAY  
BEACHWOOD, OH USA 44122

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