



FL3-SERIES MULTI-MOUNT FLOOD LIGHT



INTERCHANGEABLE
MOUNTING ARM & SLIPFITTER
ATTACHMENTS (OPTIONAL)



Catalog #	
Project	
Date	
Prepared by	
Model #	FL3-3004T5-1-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

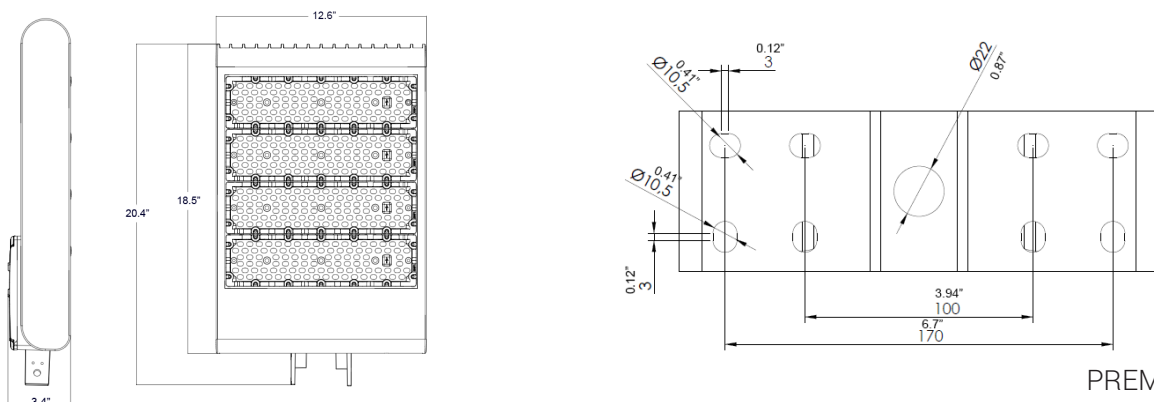
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	40718 lm	Beam Angle	NEMA Type 6x5
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	>75,000 hrs
CRI (Ra) ₁	>70	Lumen Maintenance Factor	70%
Efficacy (lm/W) ₁	>138 lm/W	Chromaticity Shift	±120K

ELECTRICAL SPECIFICATIONS

Power	300W	Current Draw at 120V _{AC} (A)	2.35A
Apparent Power (VA)	326VA	Current Draw at 208V _{AC} (A)	1.35A
System Wattage (W)	293W	Current Draw at 240V _{AC} (A)	1.22A
Input Voltage	100-277VAC ₂	Current Draw at 277V _{AC} (A)	1.08A
Replacement For	Up to 1000W 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 15A at 230V
Dimmable	Yes (1-10V)	Driver Class	Class 2
Output Voltage (VDC)	33-65VDC	Surge Protection	6 kV

CONSTRUCTION

Housing Material	Powder Coated ADC12 Aluminum Alloy
Housing Color	Black Optional Colors: Gray, Brown, White, Silver
Lens Material	Polycarbonate
Dimensions (inch/mm)	18.5" (L) x 12.6" (W) x 3.4" (D) (470 x 320 x 87 mm)
Weight (kg/lbs)	10.54kg/23.2lbs
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 ₃	10 Years

APPROVALS & LISTINGS

DLC Premium	P8UD8H2H
UL/ETL Listed	cULus
UL/ETL File Number	E473127
IP Rating	IP65
EPA Rating	1.94

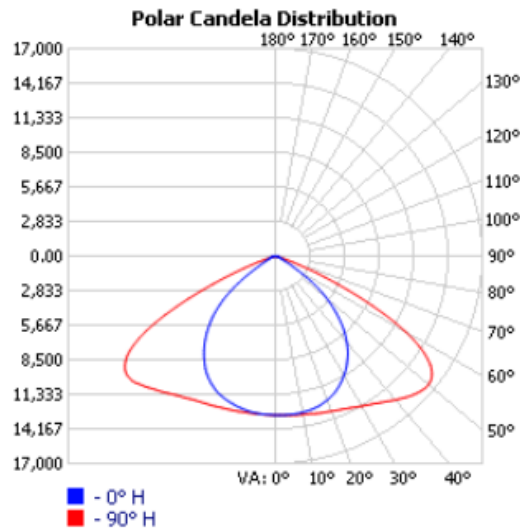
Rated Lifetime¹

Models	Lumen Output = 90% of Initial (L ₉₀) ²	Lumen Output = 70% of Initial (L ₇₀) ²
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_A=25°C (ambient temperature).

POLAR CANDELA DISTRIBUTION



ILLUMINANCE AT A DISTANCE

6.6ft / 2M	302.34 fc / 3254.38 LUX
9.8ft / 3M	134.37 fc / 1446.39 LUX
13.1ft / 4M	75.59 fc / 813.60 LUX
16.4ft / 5M	48.37 fc / 520.70 LUX
19.7ft / 6M	33.59 fc / 361.60 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