Catalog #	
Project	
Date	
Prepared by	
Model #	**FL3-1504T5-2-BK-TR**

FL3-SERIES MULTI-MOUNT FLOOD LIGHT

INTERCHANGEABLE MOUNTING ARM & SLIPFITTER ATTACHMENTS (OPTIONAL)

DLC PREMIUM

c UL us LISTED

Dimmable

10YEAR WARRANTY

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.

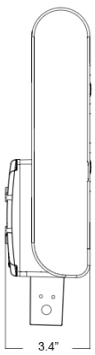
PRODUCT HIGHLIGHTS

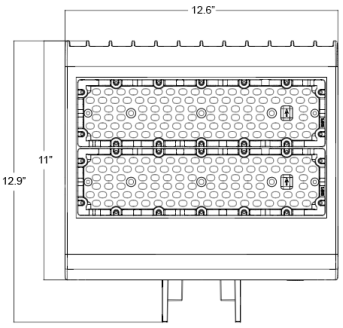
- Optional interchangeable mounting arm or slipfitter attachments for easy installation in any application
- Operates in -40°F/-40°C degree outdoor weather
- 0-10V dimming for maximum control and energy savings
- IP65 rated for dust tight, protection against water projected from a nozzle
- Includes trunnion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

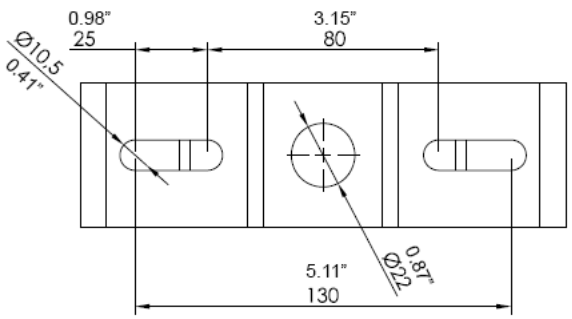
OPTICAL SPECIFICATIONS			
Lumen Output (lm) [1]	21618 lm	**Beam Angle**	NEMA Type 6x5
CCT (K) [1]	4000K	**Projected Lifetime (L_{70})**	>100,000 hrs
CRI (Ra) [1]	>70	**Lumen Maintenance Factor**	70%
Efficacy (lm/W) [1]	>139 lm/W	**Chromaticity Shift**	±120K

ELECTRICAL SPECIFICATIONS			
Power	150W	**Current Draw at 277V_{AC} (A)** [2]	0.7A
Apparent Power (VA)	172VA	**Current Draw at 347V_{AC} (A)** [2]	0.6A
System Wattage (W)	155W	**Current Draw at 480V_{AC} (A)** [2]	0.4A
Input Voltage	277-480VAC [2]		
Replacement For	400W+ 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 35A at 480V
Dimmable	Yes (1-10V)	**Driver Class**	Class 2
Output Voltage (VDC)	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)	11" (L) x 12.6" (W) x 3.4" (D) (208 x 320 x 87 mm)
Weight (kg/lbs)	6.09kg / 13.4lbs
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

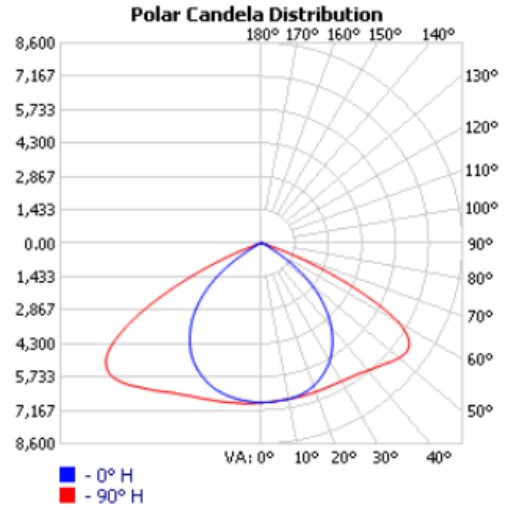
DLC Premium	PYGIDI7B
UL/ETL Listed	cULus
UL/ETL File Number	E473127
IP Rating	IP65
EPA Rating	1.16

Rated Lifetime[1]

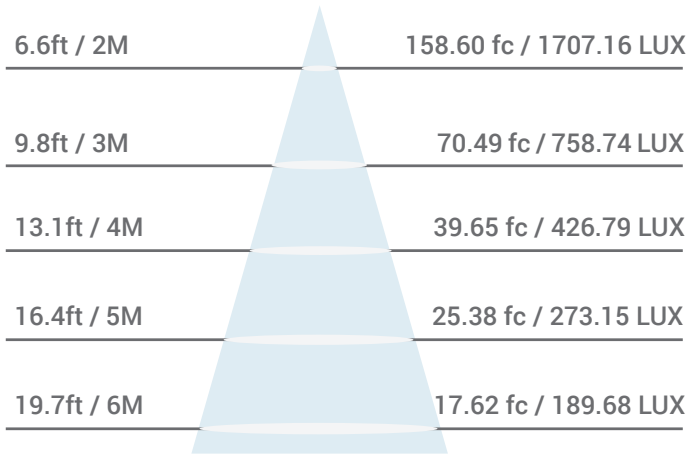
Models	Lumen Output = 90% of Initial (L_{90})[2]	Lumen Output = 70% of Initial (L_{70})[2]
FL3-1004Tx-x-xx	>55,000 hrs	>100,000 hrs
FL3-1504Tx-x-xx	>45,000 hrs	>100,000 hrs
FL3-2304Tx-1-xx	>45,000 hrs	>60,000 hrs
FL3-2304Tx-2-xx	>45,000 hrs	>100,000 hrs
FL3-3004Tx-1-xx	>45,000 hrs	>75,000 hrs
FL3-3004Tx-2-xx	>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



OPTIONAL ACCESSORIES

FL3-MA	Mounting Arm Attachment	**FL3-SF**	Slip Fitter Attachment

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