



luxo[®]ARCH

LFLD | Everest

Product Data Sheet

ECO



COMMERCIAL-GRADE

LED Flood Light



WATTselect



CCTselect



Multi-Functional OCC

15W – 150W

Product Overview

INTENDED USE — The Everest-series flood light features outstanding photometric performance, uniform illumination, low-profile design, high efficacy, long lifespan, and easy installation. The one piece die-cast aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection. Ideal for use in various commercial environments, such as auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores, and other public areas.

CONSTRUCTION — Die-cast aluminum housing with a corrosion-resistant polyester powder coat finish and UV stabilized polycarbonate optics.

OPTICS — The advanced optical design combines reflector and refractor technologies to improve illumination and extend throw distance, effectively directing light to specific areas. Crafted from high-grade polycarbonate, the refractor is carefully engineered to optimize light extraction, creating a radiant luminaire that enhances nighttime aesthetics. The UV-stabilized polycarbonate lens provides vandal resistance and improved light dispersion for better visibility.

ELECTRICAL — The light engine comprises long-lasting, energy-efficient LEDs mounted on an internal aluminum heat sink. This setup improves heat dissipation and extends the product's lifespan. These LEDs maintain 90% of their light output even after 50,000 hours of continuous operation.

ARCHIPELAGO luminaires and LED components undergo rigorous testing by an independent laboratory to meet IESNA LM-79 and LM-80 standards for light output and lumen maintenance. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Applications



Perimeter



Pathways



Entryways



Security

Main Features

- Weather Resistant, Sealed Die-Cast Aluminum
- Two-Piece Die-Cast Aluminum Housing Secures the Thermally Conductive LED Board and Electronics
- Suitable for Extreme Applications Requiring 3G Testing Prescribed by ANSI C136.31
- Optional Photocell Allows for Security and Optimized Efficiency
- Built-In Knock Out Supports Optional Vertical Mount
- Thermally Isolated Driver Design & Mounts Directly to Wall Surface or J-Box
- Optional Built-In Sensor for Optimum Efficiency
- Optional Built-In Battery Backup
- Replaces Up To 400W MH

Product Warranty*



5-Year Warranty



50,000 Hrs

* Standard warranty. Extended warranty available.



With Knuckle Mount



With Yoke Mount

Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

Highlights

Features	Description
3-WATTselect	 Wattage selectable: 3-way dip-switch
3-CCTselect	 CCT selectable: 3-way dip-switch
Built-In Photocell	 Toggle between ON/OFF to activate the built-in photocell
High Performance	 Up to 150W, replacing up to 1,000W MH

Key Specifications

- **Housing:** Single Die-Cast Aluminum Body with Die-Cast Hinge Driver Access for Easy Installation
- **Dimming:** 0-10V, Built-In Photocell w/ ON/OFF Switch
- **Efficacy:** ≤140m/W
- **IP:** UL Wet Location Listed
- **Input Voltage:** 120-277Vac
- **Power Factor (PF):** >0.9 Non-Flicker
- **Operating Temperature:** -40°F – 113°F
- **Total Harmonic Distortion (THD):** <20%
- **Color Rendering Index (CRI):** >80

Certifications



Model Specifications

Model	WATTselect (W)	Lumen (lm)	Efficacy (lm/W) ¹	CCTselect (K)	Voltage (V)	CRI	Dimming	Photocell	Equiv. (W MH)
LFLD3W35-3E1	15W	2,100lm	140lm/W	3000K 4000K 5000K	120-277V	>80	0-10V	Built-In Button Photocell	70W MH
	20W	2,800lm	140lm/W						150W MH
	35W	4,900lm	140lm/W						250W MH
LFLD3W80-3E1	35W	4,900lm	140lm/W	3000K 4000K 5000K	120-277V	>80	0-10V	Built-In Button Photocell	250W MH
	60W	8,400lm	140lm/W						320W MH
	80W	11,200lm	140lm/W						400W MH
LFLD3W150-3E1	100W	14,000lm	140lm/W	3000K 4000K 5000K	120-277V	>80	0-10V	Built-In Button Photocell	750W MH
	120W	16,800lm	140lm/W						1000W MH
	150W	21,000lm	140lm/W						2000W MH

1. Default settings on WATTselect and CCTselect is max wattage and highest CCT.

2. Measured at 5000K.



Ordering Guide¹

Model Series	WATTselect (W)	CCTselect (K)	Series	Voltage	Finish	Photocell
LFLD LED Flood Light	35 35W Max 80 80W Max 150 150W	- 3 3-CCTselect: 3000K 4000K 5000K	E1 Everest	U 120-277V	D Dark Bronze B Black W White # Custom RAL#	/ PS Built-In Button Photocell
CATALOG #:						
LFLD		- 3	E1	- U		/ PS

Options Guide²

Mount
<input type="checkbox"/> KN Knuckle (35W/80W/150W)
<input type="checkbox"/> SP Slip-Fitter (80W/150W)
<input type="checkbox"/> TN Trunnion (150W)
<input type="checkbox"/> YK Yoke (35W/80W/150W)
OPTIONAL ACCESSORIES:

NOTE:

- Only one selection may be applicable within the same category.
- Multiple selections may be applicable within the same option category. See Compatible Accessories below for details.
- Standard driver on-board SPD = 6kVa

Mounting Options

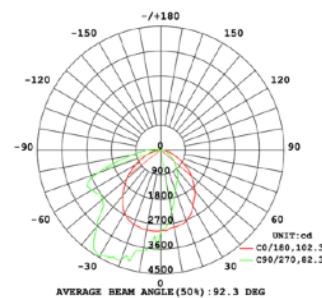


Photometrics

Knuckle

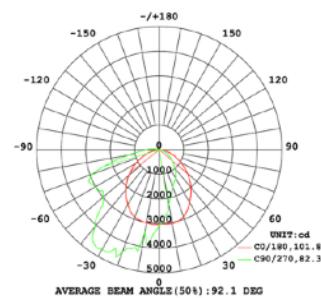
35W Max

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



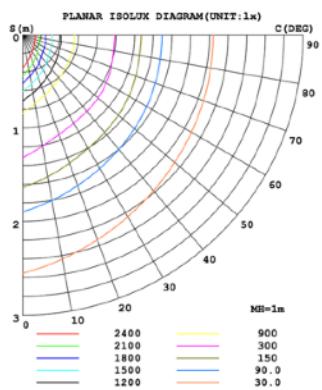
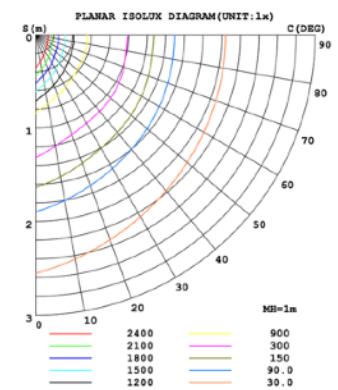
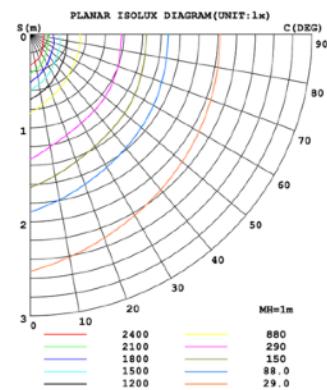
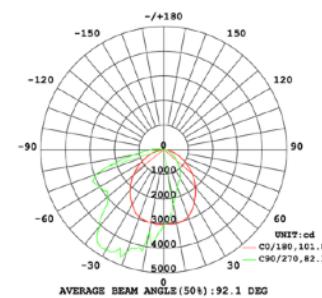
80W Max

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



150W Max

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



NOTE:

1. For detailed installation guide, please reference [LFLD-Everest-InstallationGuide](#)

Sizing & Measurements

Model Series	Width (in)	Height (in)	Depth (in)	Measurements Bare Fixture	Measurements Knuckle	Measurements Slip Fitter	Measurements Trunnion	Measurements Yoke
LFLD3W35-3E1	6.93	5.89	2.29	<p>Front view: 176.1[6.93"] Side view: 58.1[2.29"] Bottom view: 149.8[5.89"]</p>	<p>Front view: 6.35" (width), 2.29" (depth) Bottom view: 9.18"</p>			<p>Front view: 7.25" (width), 2.29" (depth) Bottom view: 7.63"</p>
LFLD3W80-3E1	9.49	7.25	2.84	<p>Front view: 241.1[9.49"] Side view: 72.2[2.84"] Bottom view: 184.1[7.25"]</p>	<p>Front view: 6.49" (width), 2.84" (depth) Bottom view: 10.54"</p>	<p>Front view: 9.49" (width), 3.41" (depth) Bottom view: 15.35"</p>		<p>Front view: 8.72" (width), 2.84" (depth) Bottom view: 9.85"</p>
LFLD3W150-3E1	11.85	9.03	3.64	<p>Front view: 361.1[11.85"] Side view: 92.6[3.64"] Bottom view: 229.3[9.03"]</p>	<p>Front view: 1" (width), 261.1[11.85"] (depth) Bottom view: 434.5[17.12"]</p>	<p>Front view: 92.5[3.64"] (width), 319.1[11.85"] (depth) Bottom view: 319.1[11.85"]</p>	<p>Front view: 361.1[11.85"] (width), 92.5[3.64"] (depth)</p>	<p>Front view: 361.1[11.85"] (width), 92.5[3.64"] (depth)</p>

DLC Model Guide

Product ID	Model No.	DLC	Controls	Lumen	Efficacy	CCT	THD	PF
S-7KNOCR	LFLD3W35-3E1	Premium	Yes	4,900lm	140lm/W	3000K 4000K 5000K	20%	0.9
S-YSFSSOL	LFLD3W80-3E1	Premium	Yes	11,200lm	140lm/W	3000K 4000K 5000K	20%	0.9
S-XXRW4N	LFLD3W150-3E1	Premium	Yes	21,000lm	140lm/W	3000K 4000K 5000K	20%	0.9

Compatible Accessories

Category	Ordering Code	Model No.	Description	Sub-Assembly & Compatible Controllers		
				Ordering Code	Model No.	Description
Knuckle	 KN	/KN	Knuckle Mount (35W/80W)			
Slip-Fitter	 SP	/SP	Slip-Fitter Mount (80W/150W)			
Trunnion	 TN	/TN	Trunnion Mount (150W)			
Yoke	 YK	/YK	Yoke Mount (35W/80W/150W)			