



LED Outdoor Flood Lights & Wall Packs

20 to 150 Watts, Replaces HID Lamps 50W up to 400W – 100 to 277VAC – IP65



FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings of 60% up to 75%
- Lumen Maintenance over 70% @ 50,000+ Hours
- Durable Die-Cast Aluminum Housing
- Wall Mounting with Adjustable Yoke Bracket
- Weatherproof: Suitable for Damp Locations
- 90° Medium & 120° Wide Flood Illumination
- Solid-State: High-Shock & Vibration Resistant
- No IR/UV Radiation, No RF Interference
- Eco-Friendly – RoHS Compliant

APPLICATIONS

- Landscape Lighting
- Walkway & Pathway Lighting
- Amusement Park Lighting
- Architectural Wall Washing
- Signs & Billboards
- Parking Lot Lighting
- Recreation Areas
- Emergency Exit Way Lighting
- Security Lighting

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience



Only 150 Watts
Replaces MH or HPS Lamps up to 400W

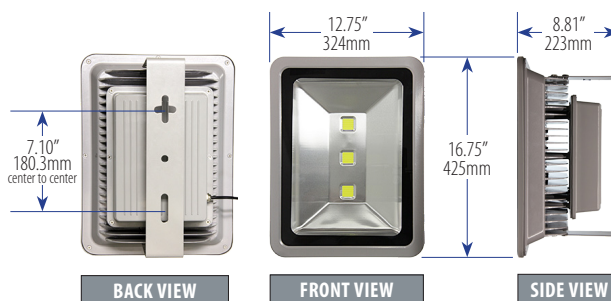
FDL003-3X50W-XIW-101W

Input Power	150 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	1.2A
Power Factor	1.0
Max. Candela	5550 cd
Total Lumens	12730 lm
Efficacy	90 lm/W
Emitted Color	Pure White
Color Temperature	5300K
CRI	75
Illumination Angle	120°
Oper. Temperature	-4°F ~ +131°F / -20°C ~ +55°C
Housing	Die-Cast Aluminum / Gray Color
Lens Material	Tempered Clear Glass
Protection Rating	IP65
Dimensions	L16.75 x W12.75 x H8.81 inch L425 x W324 x H223 mm
Weight	19 lbs / 8.62 kg



Intertek

FDL003-3X50W-XXX-XQXWXX



LEDTRONICS®

America's Premium Brand LED Company™



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Visit our website to find your local Distributor or Representative from our worldwide network:

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www.LEDTRONICS.COM

L06 697 / Rev 03-2020

Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

LED Outdoor Flood Light – 20 Watts / 90° Medium & 120° Wide Beam

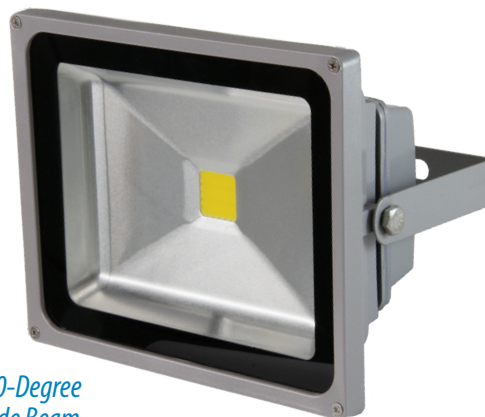
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LOG 697



90-Degree
Medium Beam



120-Degree
Wide Beam

Yoke Mount with
Adjustable Bracket

Only 20 Watts
Replaces 50W MH Lamps

FDL002-20W-XIW-101M (Warm White)

FDL002-20W-XPW-101M (Pure White)

Emitted Color	Warm White	Pure White
Color Temperature	2750K~3250K	5000~5600K
Input Power	20 Watts	
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.19A	
Power Factor	1.0	
Max. Candela	1100 cd	965 cd
Total Lumens	1980 lm	1745 lm
Efficacy	90 lm/W	80 lm/W
CRI	≥75	
Illumination Angle	90°	
Oper. Temperature	-4°F ~ +131°F / -20°C ~ +55°C	
Housing	Die-Cast Aluminum / Gray Color	
Lens Material	Tempered Clear Glass	
Protection Rating	IP65	
Dimensions	L7.08 x W5.52 x H5.06 inch L180 x W140 x H128 mm	
Weight	3.3 lbs / 52.8 oz / 1.5 kg	



Intertek
FDL002-20W-XXX-X0XWXX

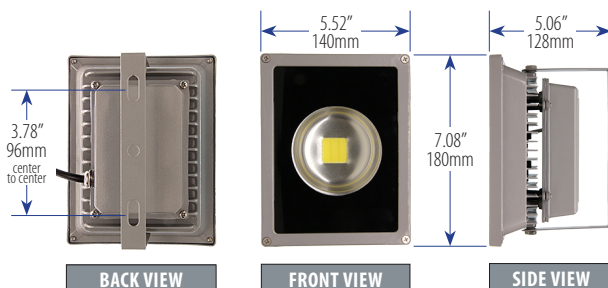


FDL002-20W-XIW-101W

Emitted Color	Warm White
Color Temperature	2750K~3250K
Input Power	20 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.17A
Power Factor	0.99
Max. Candela	795 cd
Total Lumens	1900 lm
Efficacy	95 lm/W
CRI	≥75
Illumination Angle	120°
Oper. Temperature	-4°F ~ +131°F / -20°C ~ +55°C
Housing	Die-Cast Aluminum / Gray Color
Lens Material	Tempered Clear Glass
Protection Rating	IP65
Dimensions	L7.08 x W5.52 x H5.06 inch L180 x W140 x H128 mm
Weight	3.3 lbs / 52.8 oz / 1.5 kg



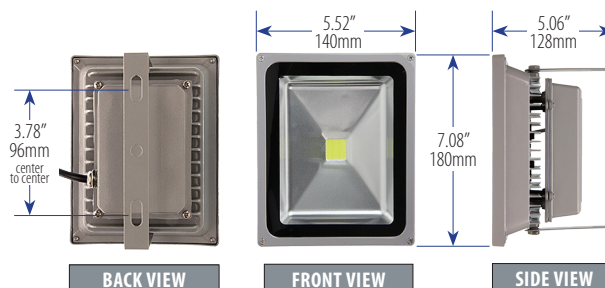
BACK VIEW



BACK VIEW

FRONT VIEW

SIDE VIEW



BACK VIEW

FRONT VIEW

SIDE VIEW

LED Outdoor Flood Light – 30 & 50 Watts / 120° Wide Beam

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Yoke Mount
with Adjustable
Bracket

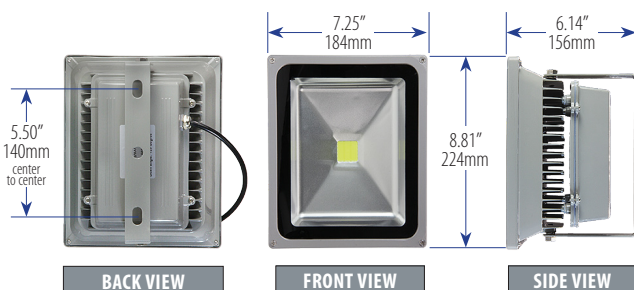


1/2" Knuckle
Mount

Only 30 Watts
Replaces MH or HPS Lamps up to 85W

FDL002-30W-XPW-101W

Input Power	30 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.255A
Power Factor	1.0
Max. Candela	1325 cd
Total Lumens	2980 lm
Efficacy	100 lm/W
CRI	≥70
Illumination Angle	120°
Emitted Color	Pure White
Color Temperature	5000~5600K
Oper. Temperature	-4°F ~+113°F / -20°C ~+45°C
Housing	Die-Cast Aluminum / Gray Color
Lens Material	Tempered Clear Glass
Protection Rating	IP65
Dimensions	L8.81 x W7.25 x H6.14 inch L224 x W184 x H156 mm
Weight	3.95 lbs / 1.79 kg



Only 45 Watts
Replaces MH or HPS Lamps up to 100W

FDL002-50W-XPW-101W

Input Power	45 Watts
Input Voltage	120~277VAC (Tested @ 120VAC)
Input Current	0.374A
Power Factor	0.90
Max. Candela	2980 cd
Total Lumens	5650 lm
Efficacy	126 lm/W
CRI	70
Illumination Angle	70° x 100°
Emitted Color	Pure White
Color Temperature	5000K
Dimmability	Not Dimmable
Oper. Temperature	-40°F ~+113°F / -40°C ~+45°C
Housing	Die-Cast Aluminum / Dark Bronze
Lens	Polycarbonate / Clear
UL / cUL Listed	E359489 (MFD845W27VXXK)
LED LM80 Report	Available
Protection Rating	IP67 equivalent (NEMA6)
Lifespan	100,000 Hours
Dimensions	L7.95 x W3.12 x H4.8 inch L201.9 x W79.2 x H122 mm
Weight	3.45 lbs / 1.565 kg



LED Outdoor Flood Light – 70 Watts

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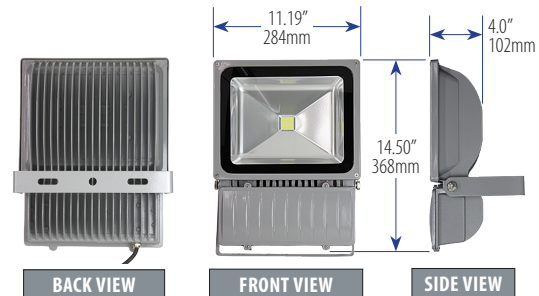
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Only 70 Watts
Replaces MH or HPS Lamps up to 250W

FDL004-70W-XIW-101W

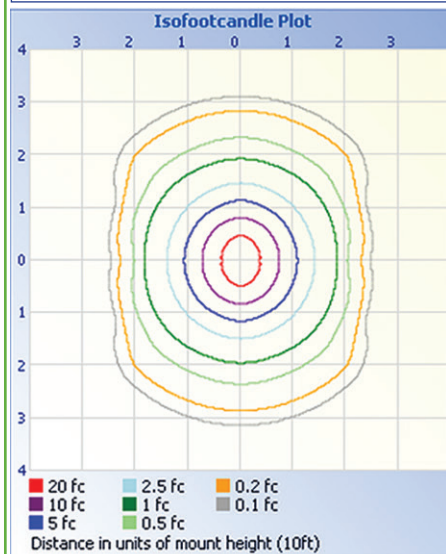
Input Power	70 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.58A
Power Factor	1.0
Max. Candela	3235 cd
Total Lumens	7035 lm
Efficacy	100 lm/W
Emitted Color	Warm White
Color Temperature	2750K~3250K
Illumination Angle	120°
CRI	≥75
Oper. Temperature	-4°F ~+131°F / -20°C ~+55°C
Housing	Die-Cast Aluminum / Gray Color
Lens Material	Tempered Clear Glass
Protection Rating	IP65 (Waterproof)
Dimensions	L14.50 x W11.19 x H4.0 inch L368 x W284 x H102 mm
Weight	12 lbs / 5.44 kg



FDL004-70W-XXX-X0WXX

PHOTOMETRIC REPORT:

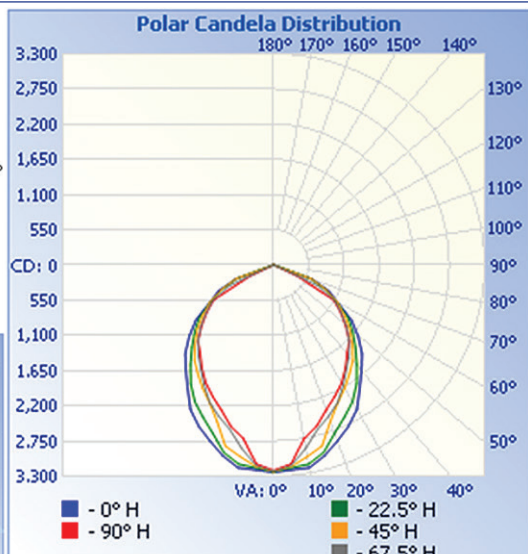
FDL004-70W-XIW-101W



Filename: FDL004-70W-XIW-101W
Manufacturer: LEDTRONICS, INC.
Luminaire: CLEAR FLAT LENS, 70W, 120VAC
Luminaire Cat: FDL004-70W-XIW-101W
Lamp: LUMEN RATING: 7035Lms.
Lamp Output: 1 lamp, rated Lumens/lamp: 7035
Max Candela: 3,237.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 9-26-14
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

	Center Beam fc	Beam Width
2.0ft	809.3 fc	5.1 ft 4.2 ft
4.0ft	202.3 fc	10.3 ft 8.4 ft
6.0ft	89.9 fc	15.4 ft 12.6 ft
8.0ft	50.6 fc	20.6 ft 16.8 ft
10.0ft	32.4 fc	25.7 ft 21.0 ft

Vert. Spread: 104.3° Horiz. Spread: 92.8°



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