



High-Power LED Floodlight Luminaire, 10-to-30 VDC

GDL002-8X2W-XPW-001



Architectural & Landscape – Up-Lights/Down-Lights/Wall-Wash/Spot-Lights

Direct Incandescent Replacement — Consumes Only 18 Watts — Up to 90% Power Savings

FEATURES

- **Lamp Warranty:** 3 Years
- **Power Input Range:** 10-30VDC
- **Glare-Free Design:** Enhances Night Vision
- **High-Efficiency/Efficacy:** Designed to Maximize Path Illumination
- **Solid-State:** High-Shock & High-Vibration Resistant
- 88° Illumination Coverage
- **Long Operating Life:** Up to 50,000+ Hours (5.7+ Years)
- **Rugged Construction:** Industry-Standard Fixture with Adjustable Mount
- **Housing:** Bronze-Colored Die-Cast Aluminum with Tempered-Glass Lens
- **Highest-Grade LEDs:** Uses CREE XR-E that Meets LM-79/LM-80 Requirements
- **Ambient Operating Temperature Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Weatherproof:** Water and Moisture Resistant

BENEFITS

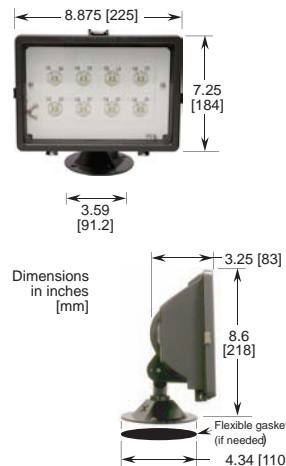
- Energy Savings / Low Power Cost
- Point in Any Direction
- Wide-Range Voltage Input
- Low Voltage Makes It Safe for Outdoor Use
- Environmentally Friendly



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	GDL002-8X2W-XPW-001
Emitted Color	Pure White
Color Temperature	6000K
Beam Pattern	88°
Input Current	1.5A@10V / 0.5A@30V
Input Voltage	10-30 VDC [Tested @ 12VDC]
Energy Used	18 Watts
Max. Foot Candela	505 cd
Total Lumens	934 lm
Total Lumens	W8.875" x H8.6" x D3.25"
Weight	3.15 lbs



APPLICATIONS

- Landscape Lighting
- Walkway Lighting
- Amusement Park Lighting
- Architectural Wall Washing
- Illuminate Signs
- Illuminate Pathways
- Illuminate Recreation Areas
- Emergency Exit-Way Lighting

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THE FUTURE OF LIGHT



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LED Floodlight, 10-to-30 VDC

GDL002-8X2W-XPW-001

Luminaire Photometric Report

Filename: GDL002-8X2W-XPW-001

Manufacturer: LEDTRONICS -

Luminaire: WITH CLEAR LENS, 12VDC

Luminaire Cat: GDL002-8X2W-XPW-001

Lamp: . LUMEN RATING: 933.7Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 933.7

Max Candela: 505.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 10-23-08B

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	365.2	39.1%	39.1%
0-40	575.9	61.7%	61.7%
0-60	859.5	92.1%	92%
60-90	74.2	8%	8%
0-90	933.7	100%	100%
90-180	0	0%	0%
0-180	933.7	100%	100%

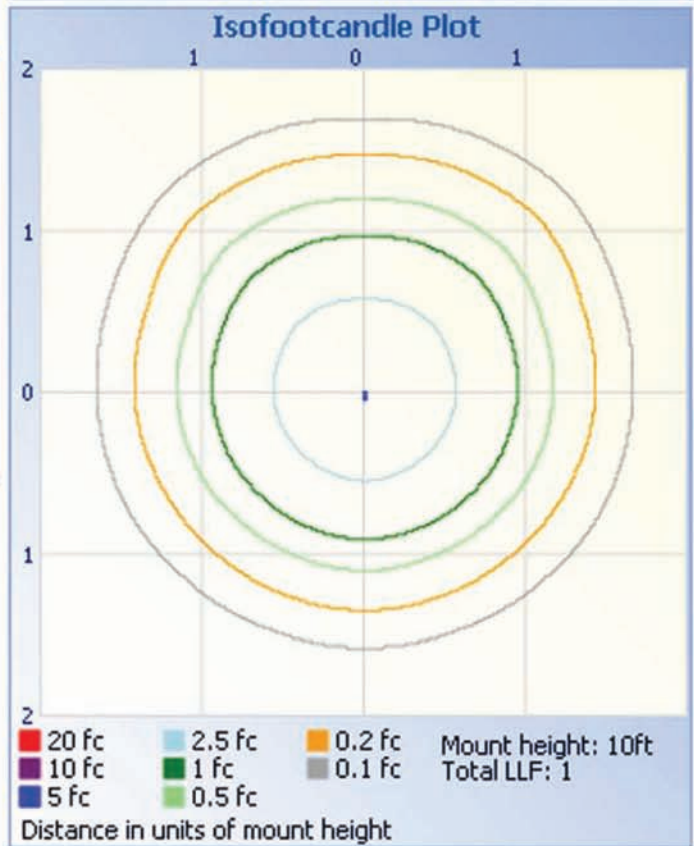
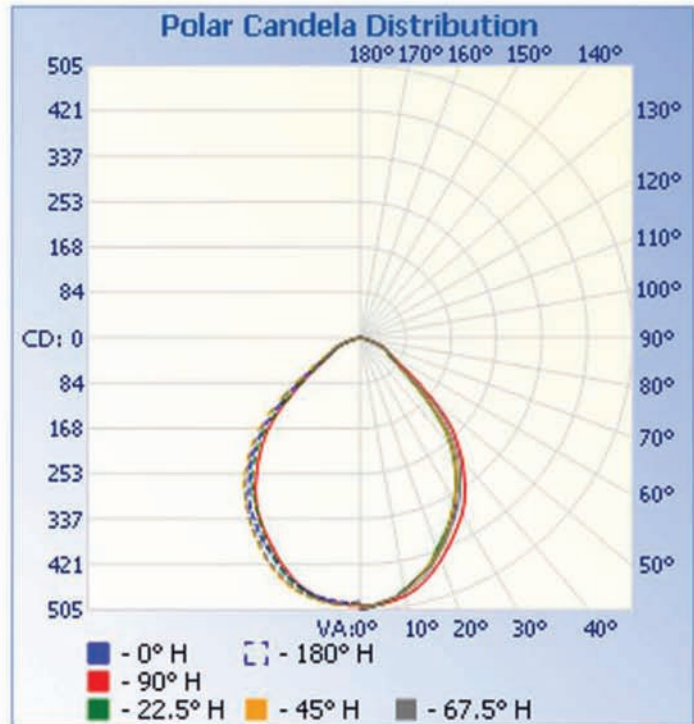
Total Efficiency: 100%

Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7ft	181.80 fc	3.2ft	3.2ft
3.3ft	45.45 fc	6.4ft	6.4ft
5.0ft	20.20 fc	9.6ft	9.6ft
6.7ft	11.36 fc	12.8ft	12.8ft
8.3ft	7.27 fc	16.0ft	16.1ft
10.0ft	5.05 fc	19.2ft	19.3ft

■ Vert. Spread: 87.6° ■ Horiz. Spread: 87.8°

10 FEET



TEST RESULTS ARE PRELIMINARY — FINALIZED RESULTS UPCOMING