



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

Direct Incandescent Replacement — Consumes Only 12 Watts — Up to 90% Power Savings

FEATURES

- **Lamp Warranty:** 3 Years and Tempered-Glass Lens
- **Wide Voltage Input Range:** 10-30VDC
- **Weatherproof:** Water and Moisture Resistant
- **High-Efficiency Wide Beam:** Designed to Maximize Path Illumination with 126° Coverage
- **Highest-Grade LEDs:** Uses White Premium Lighting-Class LEDs that Are Test-Verified to LM-79 Standard
- **Rugged Construction:** Industry-Standard, Bronze-Colored, Die-Cast Aluminum Fixture with Adjustable Mount
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Ambient Operating Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Made in the USA** from Imported Parts – Meets Buy American Requirements within the ARRA Program



Comes with raw wire leads to be spliced to your power supply

White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

APPLICATIONS

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

Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power

GDL002 uplights improve landscape ambience, security while reducing energy costs in master-planned community in Ladera Ranch, S. California

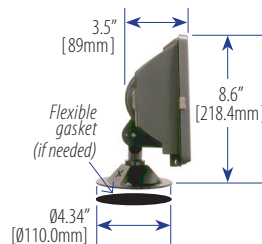
BENEFITS

- **Major Energy Savings:** Up to 90% Less Compared to Incandescents/Halogens
- **Long Life / Low Maintenance:** Greatly Outlasts Incandescents,
- **Reduces Costs** by Reducing Re-lamp Frequency
- **Swivel in Any Direction**
- **Eco-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects
- **Reduces Light Pollution:** No Wasted Light, “Dark Skies Initiative”-Friendly
- **Enhances Vision:** Better Optical Acuity, Little or No Disability Glare
- **Cool Operation:** Doesn’t Get Hot to the Touch

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	GDL002-8X2W-XPW-001
Emitted Color	Pure White
Color Temperature	5500K~6350K
Viewing Angle	126° [Full Beam Width @ 50% Intensity]
Input Current	932mA@13.2VDC / 415mA@30VDC
Input Voltage	10 - 30 VDC [Tested @ 13.2VDC]
Energy Used	12.3 Watts
Efficacy	89 lm/W
Max. Candela	347 cd
Total Lumens	1093 lm
Dimensions	W9.0" x H6.375" x D3.5"
Weight	3.13 lbs / 1.42 kg



CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- **Custom LED Colors:** Other White-Color Temperatures and Colors
- **Other LED Beam Angles** for Different Effects
- **Infrared (IR) LEDs** in 730nm, 850nm, 880nm, 940nm
- **Special Voltages:** 24/28V



LED Floodlight, 10-to-30VDC

GDL002-8X2W-XPW-001

Luminaire Photometric Report

Filename: GDL002-8X2W-XPW-001

Manufacturer: LEDTRONICS

Luminaire: CLEAR FLAT LENS, 12.3W, 13.2VDC

Luminaire Cat: GDL002-8X2W-XPW-001

Lamp: LUMEN RATING: 1093.3Lms

Lamp Output: 1 lamp(s), rated Lumens/lamp: 1093.3

Max Candela: 346.6 at Horizontal: 0°, Vertical: 0°

Luminous Opening: Point

Test: 4-22-14

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 7 X 7

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	278.4	25.5%	25.5%
0-40	467.9	42.8%	42.8%
0-60	873.6	79.9%	79.9%
60-90	219.8	20.1%	20.1%
70-100	71.3	6.5%	6.5%
90-120	0	0%	0%
0-90	1,093.3	100%	100%
90-180	0	0%	0%
0-180	1,093.3	100%	100%

Illuminance at a Distance

	Center Beam FC	Beam Width
1.7ft	124.78 fc	6.6ft
3.3ft	31.19 fc	13.1ft
5.0ft	13.86 fc	19.7ft
6.7ft	7.80 fc	26.2ft
8.3ft	4.99 fc	32.8ft
10.0ft	3.47 fc	39.3ft

■ Beam Spread: 126.1°

