



Low-Voltage Floodlights for Architectural & Landscape

Direct Incandescent Replacement — Consumes Only 14 Watts — Up to 90% Power Savings

FEATURES

- Warranty:** 3 Years
- Low Power Consumption, High Intensity
- Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 35,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- Glare-Free Design** Enhances Night Vision
- Optimally Designed** to Maximize Path Illumination
- Rugged, Industry-Standard Fixture:** Bronze-Colored Die-Cast Aluminum Housing; Tempered-Glass Lens
- Adjustable:** Fits any Angle
- Solid-State:** High-Shock & High-Vibration Resistant
- Weather-Proof:** Water-Resistant for Outdoor Applications
- Safety Assurance:** ETL-Listed
- Made in the USA** from Imported Parts – Meets Buy American Requirements within the ARRA Program



APPLICATIONS

- Garden/Landscape Lighting
- Walkways/Pathways
- Amusement Parks/Recreation Areas
- Architectural Wall Washing



- Illuminate Signs
- Emergency Exit Way Lighting

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

[Above] Solar-powered GDL002-200 floodlights provide accent lighting to Canyon Pines Development entrance in Reno, Nevada.



BENEFITS

- Major Energy Savings:** Over 90% Compared to Incandescents
- Reduces Light Pollution/Glare:** "Dark Skies Initiative"-Friendly, No Disability Glare
- Even Lighting:** High Intensity / No Halation
- Cool Operation:** Never Gets Hot to the Touch – Less Fire Hazard
- Safe Low-Voltage Operation
- Digitally Controllable / Low Maintenance
- Eco-Friendly:** No Mercury Content, No Lead
- No Hazardous Emissions:** No UV or IR Radiation—Does Not Attract Insects; No RF Interference

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	GDL002-200-xxW-014x
Input Voltage	12-14 VDC [Tested @ 14VDC]
Housing Material	Bronze-Colored Die-Cast Aluminum
Lens	Tempered Glass
Ambient Operating Temp. Range	~-22°F to ~+122°F [~-30°C to ~+50°C]
Weight	2.769 lb / 44.3 oz / 1.256 kg

CUSTOM OPTIONS [For qualified applications & large-quantity OEM orders]

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

PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	CRI	EMITTED COLOR	VIEWING ANGLE *
WARM WHITE - 2800K ~ 3200K								
GDL002-200-SIW-014V	1.200A	14.1 Watts	42 lm/W	589 lm	1,220 cd	66	Warm White	32°
TRUE WHITE - 4800K ~ 5200K								
GDL002-200-TPW-014N	0.900A	12.6 Watts	56 lm/W	703 lm	1,878 cd	75	True White	25°
GDL002-200-TPW-014M	0.931A	13.0 Watts	57 lm/W	744 lm	1,292 cd	75	True White	40°
GDL002-200-TPW-014W	0.916A	12.8 Watts	51 lm/W	651 lm	261 cd	75	True White	105°



GDL002-200-TPW-014N

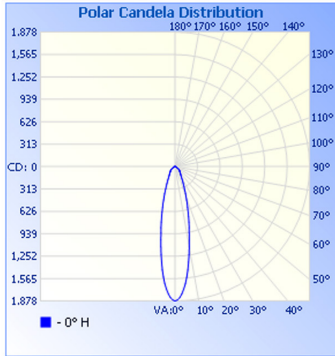
Luminaire Photometric Report

Filename: GDL002-200-TPW-014N
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 14VDC, 12.6W
 Luminaire Cat: GDL002-200-TPW-014N
 Lamp: LUMEN RATING: 703.1Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 703.1
 Max Candela: 1,878.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-23-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	473.1	67.3%	67.3%
0-40	560.9	79.8%	79.8%
0-60	678.7	96.5%	96.5%
60-90	24.4	3.5%	3.5%
0-90	703.1	100%	100%
0-180	703.1	100%	100%

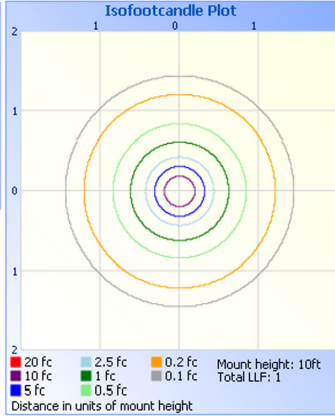
Total Efficiency: 100%



Illuminance at a Distance

Center Beam FC	Beam Width
1.7R	676.08 fc 0.7ft
3.3R	169.02 fc 1.4ft
5.0R	75.12 fc 2.2ft
6.7R	42.26 fc 2.9ft
8.3R	27.04 fc 3.6ft
10.0R	18.78 fc 4.3ft

Beam Spread: 24.5°



GDL002-200-TPW-014W

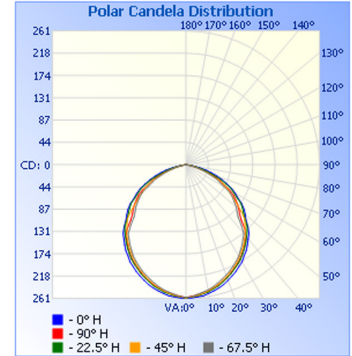
Luminaire Photometric Report

Filename: GDL002-200-TPW-014W
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 14VDC, 12.8W
 Luminaire Cat: GDL002-200-TPW-014W
 Lamp: LUMEN RATING: 650.7Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 650.7
 Max Candela: 261.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-18-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	195.2	30%	30%
0-40	318.1	48.9%	48.9%
0-60	548.2	84.2%	84.2%
60-90	102.5	15.8%	15.8%
0-90	650.7	100%	100%
0-180	650.7	100%	100%

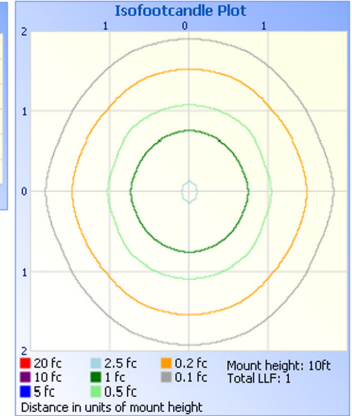
Total Efficiency: 100%



Illuminance at a Distance

Center Beam FC	Beam Width
1.7R	93.96 fc 4.9ft 4.1ft
3.3R	23.49 fc 9.7ft 8.3ft
5.0R	10.44 fc 14.6ft 12.4ft
6.7R	5.87 fc 19.4ft 16.5ft
8.3R	3.76 fc 24.3ft 20.7ft
10.0R	2.61 fc 29.2ft 24.8ft

Vert. Spread: 111.1° Horiz. Spread: 102.2°



• These units not for use with submersible fixtures.
 • Use only with low voltage landscape power units.
 • Do not exceed 25A / 15V.
 • Do not install within 10 ft. of spa, pool or fountain.

GDL002-200-TPW-014M

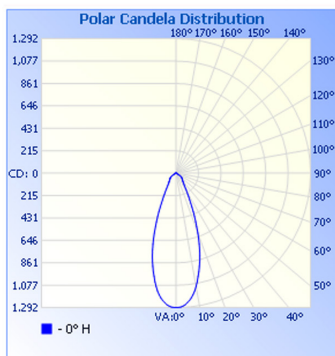
Luminaire Photometric Report

Filename: GDL002-200-TPW-014M
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 14VDC, 13W
 Luminaire Cat: GDL002-200-TPW-014M
 Lamp: LUMEN RATING: 744.0Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 744
 Max Candela: 1,292.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-23-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	522.8	70.3%	70.3%
0-40	609.5	81.9%	81.9%
0-60	722.5	97.1%	97.1%
60-90	21.5	2.9%	2.9%
0-90	744.0	100%	100%
0-180	744.0	100%	100%

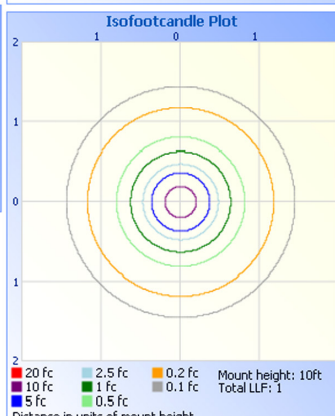
Total Efficiency: 100%



Illuminance at a Distance

Center Beam FC	Beam Width
1.7R	465.12 fc 1.2ft
3.3R	116.28 fc 2.3ft
5.0R	51.68 fc 3.5ft
6.7R	29.07 fc 4.7ft
8.3R	18.60 fc 5.9ft
10.0R	12.92 fc 7.0ft

Beam Spread: 38.7°



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

GDL002-200-SIW-014V

Luminaire Photometric Report

Filename: GDL002-200-SIW-014V
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 12/14VDC, 14W (±2W)
 Luminaire Cat: GDL002-200-SIW-014V
 Lamp: LUMEN RATING: 589.2Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 589.2
 Max Candela: 1,220.0 at Horizontal: 90, Vertical: 0
 Luminous Opening: Point
 Test: 8-26-10 PRELIMINARY

Flood Summary

Field (10%)	Efficiency	Lumens	Horizontal Spread	Vertical Spread
68.1%	401.1	61.5	62.8	
36.7%	216.5	31.2	32.4	
Total:	100%	589.2		

Illuminance at a Distance

Center Beam FC	Beam Width
1.7R	421.56 fc 1.0ft 0.9ft
3.3R	105.39 fc 1.9ft 1.9ft
5.0R	46.84 fc 2.9ft 2.8ft
6.7R	26.35 fc 3.9ft 3.7ft
8.3R	16.86 fc 4.8ft 4.6ft
10.0R	11.71 fc 5.8ft 5.6ft

Vert. Spread: 32.4° Horiz. Spread: 31.2°

