



## Architectural & Landscape

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

### FEATURES

- **Warranty:** 3 Years
- Low Power Consumption, High Intensity
- **Long Operating Life:** White LEDs Last Up to 50,000+ Hours
- **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
- **Solid-State:** High-Shock & High-Vibration Resistant

- **Weather-Proof:** Water-Resistant for Outdoor Applications
- **Adjustable:** Fits any Angle
- **Safety Assurance:** C/UL-Listed



### 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.



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



### 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

### 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

### SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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

PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	CRI	EMITTED COLOR	VIEWING ANGLE*
<b>WARM WHITE - 2800K ~ 3200K</b>								
GDL002-200-SIW-014V	1013mA	14.1 Watts	42 lm/W	589 lm	1,220 cd	66	Warm White	32°
<b>TRUE WHITE - 4800K ~ 5200K</b>								
GDL002-200-TPW-014N	900mA	12.6 Watts	56 lm/W	703 lm	1,878 cd	75	True White	25°
GDL002-200-TPW-014M	900mA	13.0 Watts	57 lm/W	744 lm	1,292 cd	75	True White	40°
GDL002-200-TPW-014W	916mA	12.8 Watts	51 lm/W	651 lm	261 cd	75	True White	102°



**GDL002-200-TPW-014N**

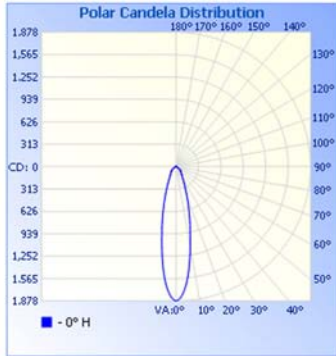
**Luminaire Photometric Report**

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%

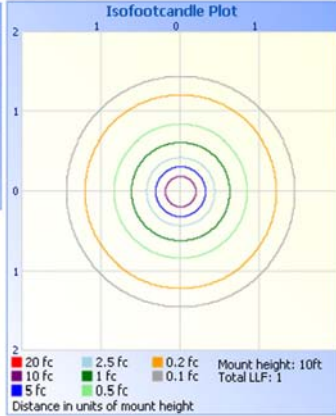
Total Efficiency: 100%



**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**

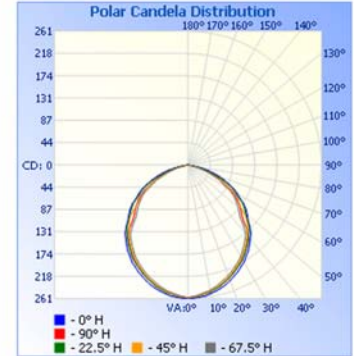
**Luminaire Photometric Report**

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%

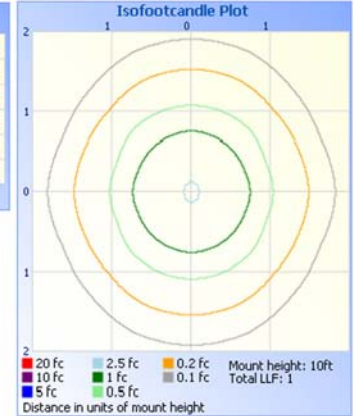
Total Efficiency: 100%



**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°



**GDL002-200-TPW-014M**

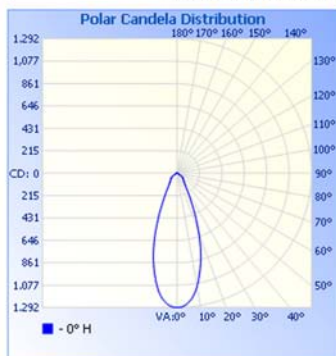
**Luminaire Photometric Report**

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%

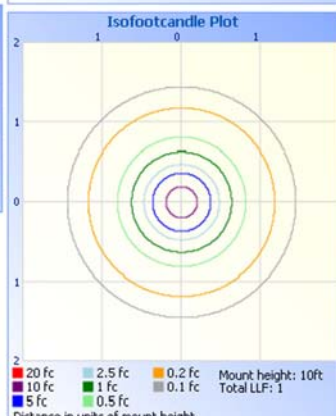
Total Efficiency: 100%



**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°



**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**

Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	68.1%	401.1	61.5 62.8
Beam (50%)	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°

