



LED Outdoor Flood/Spot Luminaires, 100VAC-277VAC

GDL002-200-xxW-001x



Architectural & Landscape — For Up-Lights, Down-Lights, Wall-Wash, Spotlights

Direct Incandescent Replacement — Consumes Less than 16 Watts — Up to 90% Power Savings

FEATURES

- Lamp Warranty:** 3 Years
- Wide Voltage Input Range:** 100-277VAC — Handles Surges & Dips in 120VAC, 240VAC and Other Voltages
- Weatherproof:** Water Resistant
- High-Efficiency Beam:** Optimally Designed to Maximize Path Illumination
- 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*)
- Adjustable:** Swivels in Any Direction
- Rugged Construction:** Industry-Standard, Bronze-Colored, Die-Cast Aluminum Fixture with Adjustable Mount and Tempered-Glass Lens
- Solid-State:** High-Shock & High-

- Vibration Resistant
 - Wide Ambient Oper. Temp. Range:** ~-22°F to ~+122°F
 - Safety Assurance:** ETL Listed Intertek
 - Made in USA** from Imported Parts — Meets Buy American Requirements within the ARRA Program
- (TPW Part Numbers)
GSA Contract Holder

APPLICATIONS

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



BENEFITS

- Major Energy Savings:** Up to 90% over Incandescents and Halogens
- Long Life / Low Maintenance:** Greatly Outlasts Incandescents, Reduces Re-lamp Frequency Costs
- Eco-Friendly:** No Mercury Content, No Lead
- No Hazardous Emissions:** No UV or IR Radiation — Does Not Attract Insects; No RF Interference
- Reduces Light Pollution:** No Wasted Light, "Dark Skies"-Friendly
- Enhances Vision:** Better Optical Acuity, Little or No Disability Glare
- Cool Operation:** Doesn't Get Hot to the Touch — Minimizes Fire Hazard

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

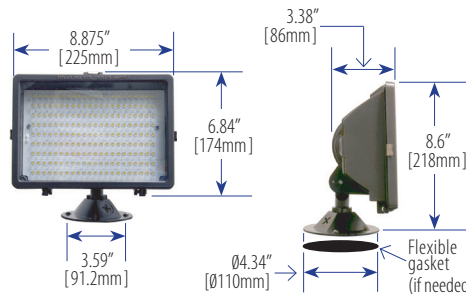


White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	GDL002-200-xxW-001x
Input Voltage	100-277 VAC [Tested @ 120VAC]
Ambient Operating Temperature Range	~-22°F to ~+122°F ~-30°C to ~+50°C)
Dimensions	W8.875" x H8.6" [225mm x 218mm]
Weight	3.25 lb / 52 oz / 1.474 kg



CUSTOM OPTIONS

[For large-quantity OEM orders]

- Other Colors Available** — Red, Orange, Yellow, Green, Blue
- Other LED Beam Angles** for Effects
- Other Voltages Available** — 24/28V
- Available in Infrared LEDs — 730nm, 850nm, 880nm, 940nm

PART NUMBER	ENERGY USED (typ)	INPUT CURRENT	TOTAL LUMENS	MAXIMUM CANDELA	EFFICACY	POWER FACTOR	CRI	LED EMITTING COLOR	VIEWING ANGLE *
WARM WHITE - 2800K ~ 3200K (*Full Beam Width @ 50% Intensity)									
GDL002-200-SIW-001M	15.3 Watts	0.125 A	589 lm	1220 cd	39 lm/W	0.99	66	Warm White	32°
TRUE WHITE - 4800K ~ 5200K									
GDL002-200-TPW-001N	15.4 Watts	0.125 A	405 lm	2587 cd	26 lm/W	0.99	75	True White	15°
GDL002-200-TPW-001M	15.6 Watts	0.125 A	663 lm	1293 cd	43 lm/W	0.99	75	True White	34°
GDL002-200-TPW-001W	15.4 Watts	0.125 A	578 lm	249 cd	37 lm/W	1.00	75	True White	90°

LEDTRONICS®
Creating the Future of Light Since 1983™



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GDL002-200-SIW-001M

Luminaire Photometric Report

Filename: GDL002-200-SIW-001M
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 120VAC, 15.3W
 Luminaire Cat: GDL002-200-SIW-001M
 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

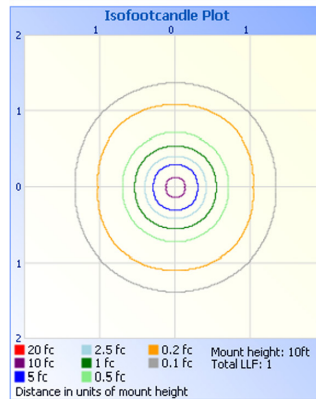
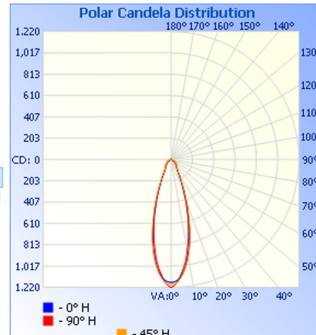
Flood Summary

	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°



GDL002-200-TPW-001M

Luminaire Photometric Report

Filename: GDL002-200-TPW-001M
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 120VAC, 15.6W
 Luminaire Cat: GDL002-200-TPW-001M
 Lamp: LUMEN RATING: 663.3Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 663.3
 Max Candela: 1,293.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 10-5-09

Zonal Lumen Summary

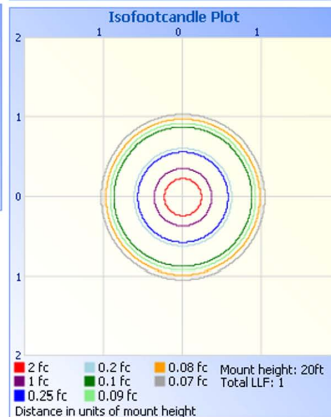
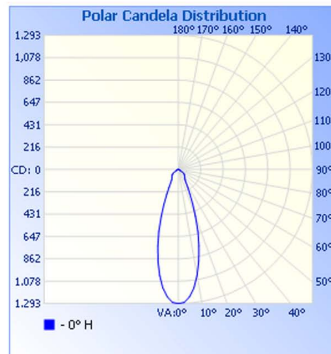
Zone	Lumens	% Lamp	% Luminaire
0-30	445.9	67.2%	67.2%
0-40	517.0	77.9%	78%
0-60	629.7	94.9%	94.9%
60-90	33.6	5.1%	5.1%
0-90	663.3	100%	100%
0-180	663.3	100%	100%

Total Efficiency: 100%

Illuminance at a Distance

	Center Beam FC	Beam Width
3.3R	116.37 fc	2.1ft
6.7R	29.09 fc	4.1ft
10.0R	12.93 fc	6.2ft
13.3R	7.27 fc	8.2ft
16.7R	4.65 fc	10.3ft
20.0R	3.23 fc	12.3ft

■ Beam Spread: 34.2°



INSTALLATION NOTE

The flexible-voltage 100-277VAC FloodLED Floodlight comes with raw wire leads to be spliced onto an AC power supply.

