

LED Compact Wall-Pack Luminaire for Security Lighting

WWL12-8X2W-XPW-001



High-Power Rugged Outdoor Floodlight — 27 Watts of Power Usage — Up to 70% Energy Savings

Operates on 100-277VAC — 1,296 Lumens — Pure White 6000K — Replaces 50W-70W HPS

FEATURES

- **Lamp Warranty:** 5 Years
- **Low Energy Consumption:** Less than 28 Watts
- **Long Life:** White LEDs Last for 50,000+ Hours (5.7+ Years) of Continuous Operation
- **Wide-Range Input Voltage:** 100-277VAC
- **Wide-Angle Beam Spread:** Projecting from a 54° Angle to the Mounting Surface Plane
- **Solid State:** High Shock- and High-Vibration-Resistant
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Highest-Grade LEDs:** Uses CREE XR-E that Meets LM-79/LM-80 Requirements
- **Instant-Start:** No Delay in Re-Strike
- **Even Lighting:** High Intensity / No Halation
- **Reduces Light Pollution:** No Wasted Light
- **Meets IP65 Requirements:** Totally Protected against Dust; Protected against Low-Pressure Jets of Water from All Directions. Limited Ingress Permitted.
- **Safety Assurance:** ETL Listed



Typical Mounting Height: 10ft

BENEFITS

- **Major Energy Savings:** Over 70% Compared to Incandescents
- **Extended Life:** Maintenance-Free for over 5 Years; Reduced Re-lamps
- **Emissions-Free, Eco-Friendly:** No Harmful IR, No UV, No Mercury Content
- **Enhances Vision:** Better Optical Acuity, Little or No Disability Glare

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

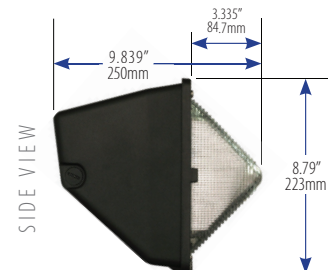
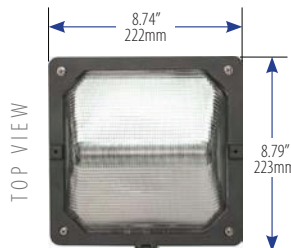
PART NO.	WWL12-8X2W-XPW-001
Emitted Color	Pure White
Color Temperature	6000K
Beam Pattern	Horizontal 54° x Vertical 38°
Input Voltage	100-277VAC [Tested @ 120VAC]
Input Current	233mA @120VAC
LED Forward Current	910mA
Energy Used	27.3 Watts
Power Factor	0.98
Efficacy	47.5 lm/W
Total Lumens	1,296 lm
Max. Foot Candela	493 cd @ Horiz: 135, Vert: 72.5
CRI	76
IP Code	IP65
Ambient Operating Temp.	~-22°F to ~+122°F / ~-30°C to ~+50°C
Dimensions	W8.74" x H8.79" x D9.84"

APPLICATIONS

- Ideal High-Wattage Luminaire for Mounting Heights below 15 Feet
- Exterior Wall / Area Lighting
- Alcoves and Corners
- Recreational Areas
- Walkways / Stairwells / Corridors
- Building Entrances / Perimeter Security Lighting
- Loading Platforms / Warehouses

MATERIALS / CONSTRUCTION

- **High-Impact, Heat-Resistant Lens:** One-piece, molded prismatic borosilicate glass lens for widespread distribution of light.
- **Die-Cast Aluminum Housing:** Hinged front frame, 1/2" coin plugs with O-rings for conduit and photocell.
- **Durable, All-Weather Finish:** Textured architectural bronze powdercoat finish over a chromate conversion coating.
- **Power Supply:** High power factor, constant-current
- **Weatherproof:** One-piece silicone gasket seals housing and lens frame, locking out moisture and dust. Lens frame secured with 2 stainless-steel screws.
- **Easy Mounting:** Cast-in template for mounting directly over a 4" recessed outlet box, or use 1/2" surface conduit.



LED Compact Wall-Pack All-Weather Luminaire for Security Lighting

WWL12-8X2W-XPW-001

Luminaire Photometric Report

Filename: WWL12-8X2W-XPW-001

Manufacturer: LEDTRONICS -

Luminaire: WITH PRISMATIC LENS, 10.3D ANGLE
BRACKET, 120VAC, 27.3W

Luminaire Cat: WWL12-8X2W-XPW-001

Lamp: LUMEN RATING: 1296.4Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 1296.4

Max Candela: 493.0 at Horizontal: 135, Vertical: 72.5

Luminous Opening: Point

Test: 3-23-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	139.0	10.7%	10.7%
0-40	236.7	18.3%	18.3%
0-60	488.4	37.7%	37.7%
60-90	417.5	32.2%	32.2%
0-90	905.8	69.9%	69.9%
90-180	390.5	30.1%	30.1%
0-180	1,296.4	100%	100%

Total Efficiency: 100%

Illuminance at a Distance

Center Beam FC

Beam Width

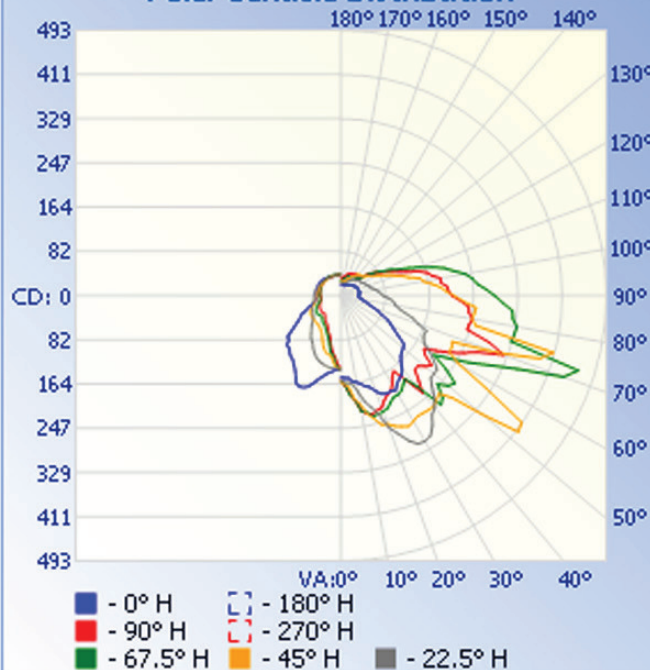
	Center Beam FC	Beam Width
1.7ft	54.72 fc	1.1ft 1.7ft
3.3ft	13.68 fc	2.3ft 3.4ft
5.0ft	6.08 fc	3.4ft 5.1ft
6.7ft	3.42 fc	4.6ft 6.8ft
8.3ft	2.19 fc	5.7ft 8.5ft
10.0ft	1.52 fc	6.9ft 10.2ft

■ Vert. Spread: 38.0°

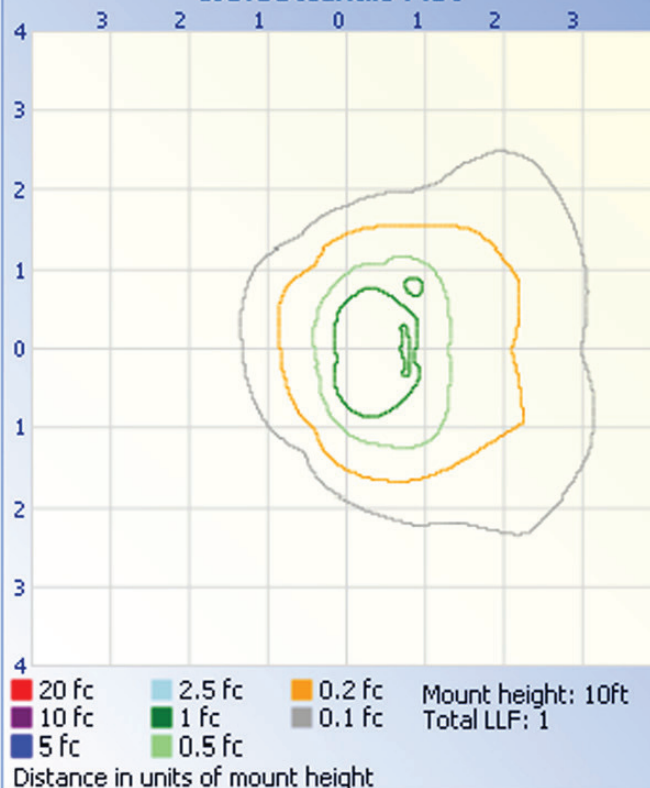
■ Horiz. Spread: 54.1°

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

Polar Candela Distribution



Isofootcandle Plot



TEST RESULTS ARE PRELIMINARY — FINALIZED RESULTS UPCOMING