



LED Variable-Mount Shoebox Luminaire for Area Lighting

SLL003-800-TPW-10/30VM3



Consumes Only 47 Watts – Replaces 125 to 150-Watt Metal Halide Fixtures – Over 65% Energy Savings

10VDC to 30VDC – Ideal for Solar Applications — Typical Mounting Height: 16-20 feet

FEATURES

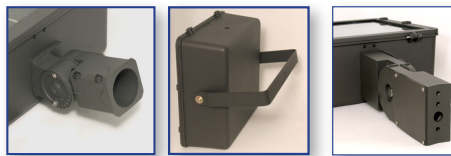
- **Warranty:** 5 Years
- **Low Power Consumed:** 47 Watts
- **Long Life:** White LEDs Last for up to 50,000+ Hours of Continuous Operation
- **Less Weight:** Weighs Only 16 lbs as Compared to 39-42 lbs Conventional Lighting
- **Highest-Grade LEDs:** Uses Cree XR-E that Meets LM-79/LM-80 Requirements
- **Optimized Circuitry:** Adapts to Fluctuations in Low DC Voltage
- **Super Intensity:** 3,684 Candelas
- **Meets IP65 Requirements:** Totally Protected against Dust and Low-Pressure Jets of Water from All Directions. Limited Ingress Permitted.
- **Wide Ambient Operating Temp. Range:** ~-22°F to ~+122°F

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	SLL003-800-TPW-10/30VM3
Emitted Color	True White
Color Temperature	4800K - 5200K
Color Rendering Index	75
Beam Pattern	Type III Asymmetrical
Viewing Angle	40°x70° [Full Beam Width @ 50% Intensity]
Power Factor	1.0
Total Lumens	3,780 lm
Efficacy	83 lm/W
Maximum Candela	3,684 cd @ Hor 90, Ver 15
LED Cath. Temperature	125.2°F / 51.8°C
Ambient Operating Temp.	~-22°F to ~+122°F ~-30°C to ~+50°C
Dimensions	W16.47 x H16.47 x D6.97 inches W418.4 x H418.4 x D177.0 mm
Weight	16.2 lbs / 7.35 kg

INPUT VOLTAGE	TESTED @	INPUT CURRENT	ENERGY USED
10-30VDC	10VDC	4.740A	47.2 Watts
	14VDC	3.230A	45.3 Watts
	24VDC	1.861A	44.7 Watts
	30VDC	1.489A	44.7 Watts



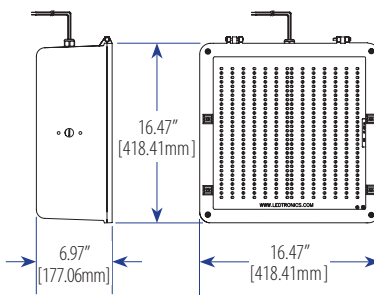
APPLICATIONS

- Parking Lots/Structures
- Roadway/Street Lighting
- Building Mounts
- Up/Down Spotting
- Pole-Mounted Area Lighting
- Sign Lighting
- For Tunnels, Caves, Mines
- Parks/Walkway Illumination

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

BENEFITS

- **Major Energy Savings:** Over 65% Compared to Incandescents
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **Instant-On:** No Delay in Re-Strike
- **Eco-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects; No RF Interference
- **High CRI Enhances Colors**
- **Reduces Light Pollution:** No Wasted Light, "Dark Skies Initiative"-Friendly
- **Enhances Vision:** Better Optical Acuity, Little or No Disability Glare as Compared with High Glare from HID Lamps
- **Cool Operation:** Doesn't Get Hot to the Touch – Minimizes Fire Hazard
- **Even Lighting:** High Intensity / No Halation



MATERIALS / CONSTRUCTION

- **Housing:** Die-cast aluminum housing and hinged front frame, 1/2" coin plugs for conduit and photocell, textured architectural bronze powdercoat finish over a chromate conversion coating
- **Lens:** Tempered flat clear glass lens
- **Fixture** is intended for indoor or outdoor use, and designed to protect against windblown dust, rain, splashing and direct hose "washdowns"

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

- Other Voltages Available
- Narrow or Wider Viewing Angles
- Various Mounting Hardware Available (Ask for Log #283)

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SLL003-800-TPW-10/30VM3

Luminaire Photometric Report

Filename: SLL003-800-TPW-10/30VM3

Manufacturer: LEDTRONICS -

Luminaire: CLEAR LENS, 14VDC, 45.3W

Luminaire Cat: SLL003-800-TPW-10/30VM3

Lamp: LUMEN RATING: 3779.5Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 3779.5

Max Candela: 3,684.0 at Horizontal: 90, Vertical: 15

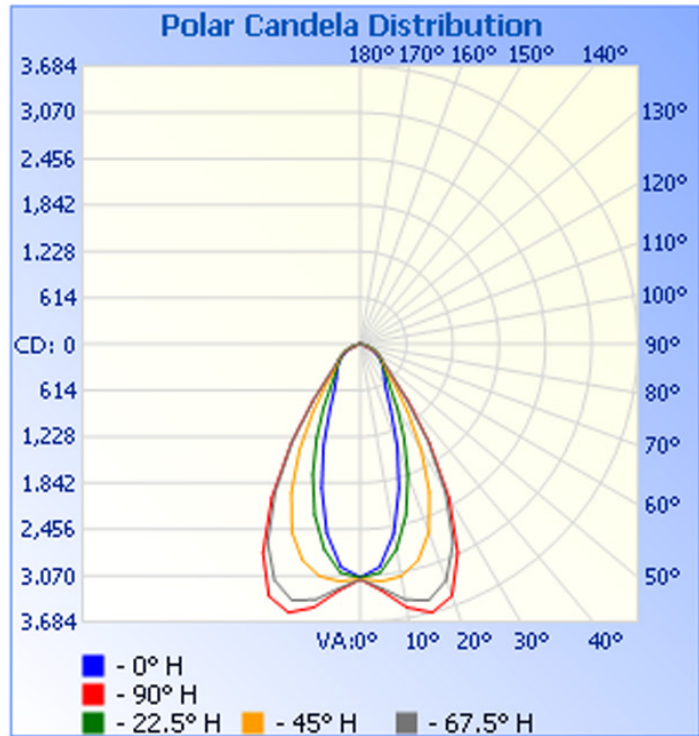
Luminous Opening: Point

Test: 12-8-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,060.1	54.5%	54.5%
0-40	2,759.2	73%	73%
0-60	3,469.2	91.8%	91.8%
60-90	310.3	8.2%	8.2%
0-90	3,779.5	100%	100%
0-180	3,779.5	100%	100%

Total Efficiency: 100%



Illuminance at a Distance

Distance (ft)	Center Beam FC	Beam Width (ft)
3.3ft	278.37 fc	2.5ft 4.4ft
6.7ft	69.59 fc	5.1ft 8.8ft
10.0ft	30.93 fc	7.6ft 13.2ft
13.3ft	17.40 fc	10.1ft 17.6ft
16.7ft	11.13 fc	12.7ft 22.0ft
20.0ft	7.73 fc	15.2ft 26.4ft

■ Vert. Spread: 41.6° ■ Horiz. Spread: 66.8°

