



LED Area & Parking Lot Shoebox Luminaire

SLL003P-400-TPW-104



Consumes Only 22 Watts of Power – Replaces 70-Watt HPS or Metal Halide Fixtures – Over 70% Energy Savings

Operates on 100-277VAC — Typical Mounting Height: 8-16 feet — “Dark Skies Initiative” Friendly

FEATURES

- **Warranty:** 5 Years
- **Low Power Consumption:** Only 21.4 Watts
- **Wide Voltage Range:** 100-277VAC
- **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)
- **Less Weight:** Weighs Only 16 lbs as Compared to 39-42 lbs Conventional Lighting
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Super Intensity:** 1,556 candelas
- **High CRI Enhances Colors**
- **Meets IP65 Requirements:** Totally Protected against Dust; Protected against Low-Pressure Jets of Water from All Directions. Limited Ingress Permitted.
- **Input Power Surge Protection:** Onboard 40kA Varistor
- **Wide Operating Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Safety Assurance:** ETL Listed
- **Made in the USA** from Imported Parts – Meets Buy American (ARRA) Requirements

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	SLL003P-400-TPW-104
Emitted Color	True White
Color Temperature	4800K - 5200K
Color Rendering Index	75
Beam Pattern	Type III, Asymmetrical
Viewing Angle	45° x 80° [Full Beam Width at 50% Intensity]
Input Voltage	100-277 VAC [Tested @ 120VAC]
Input Current	179mA
Power Factor	0.99
Energy Used	21.4 Watts
Efficacy	88 lm/watt
Total Lumens	1,874 lm
Max. Candela	1,556 cd @ Horiz: 90, Vert: 15
IP Code	IP65
Dimensions	W16½ in x H16½ in x D7 in [41.8cm x 41.8 cm x 17.7 cm]
Weight	16 lbs / 7.26 kg



APPLICATIONS

- Parking Lots & Structures
- Roadway & Street Lighting
- Building Mounts
- Up/Down Spotting
- Pole-Mounted Area Lighting
- Sign Lighting
- Parks & Walkway Illumination
- Wall Wash & Security Lighting

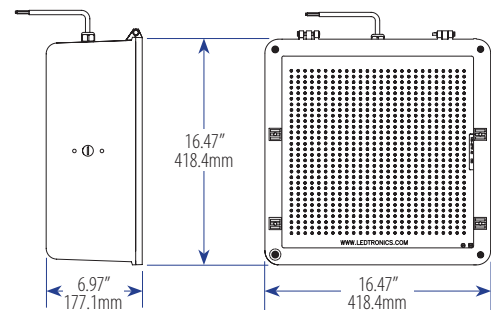


BENEFITS

- **Major Energy Savings:** Over 70% Compared to Incandescents
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Instant-On:** No Delay in Re-Strike
- **No Harmful Emissions:** No Ultraviolet, No Infrared
- **Reduces Light Pollution:** No Wasted Light, “Dark Skies Initiative”-Friendly
- **Enhances Vision:** Little or No Disability Glare as Compared with High Glare from HID Lamps

MATERIALS / CONSTRUCTION

- **Housing:** Die-cast aluminum housing and hinged front frame, ½” coin plugs for conduit and photocell, textured architectural bronze powdercoat finish over a chromate conversion coating
- **Lens:** Tempered flat clear glass lens, sealed with a neoprene gasket to protect internal components from moisture or dust.
- **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: 12/14VDC Models for Solar- & Wind-Powered Applications
- **Narrow Beam or Wider Beam Angles**
- Other **LED Colors**
- Various **Mounting Hardware** Available

Ask for Log #283 for various available MOUNTING ACCESSORIES

LEDTRONICS®
Creating the Future of Light Since 1983™

© 2013 LEDtronics, Inc.



23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com

LED Area & Parking Lot Shoebox-Style Luminaire

SLL003P-400-TPW-104

Luminaire Photometric Report

Filename: SLL003P-400-TPW-104

Manufacturer: LEDTRONICS -

Luminaire: CLEAR LENS, 120VAC, 21.4W

Luminaire Cat: SLL003P-400-TPW-104

Lamp: LUMEN RATING: 1873.6Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 1873.6

Max Candela: 1,556.0 at Horizontal: 90, Vertical: 15

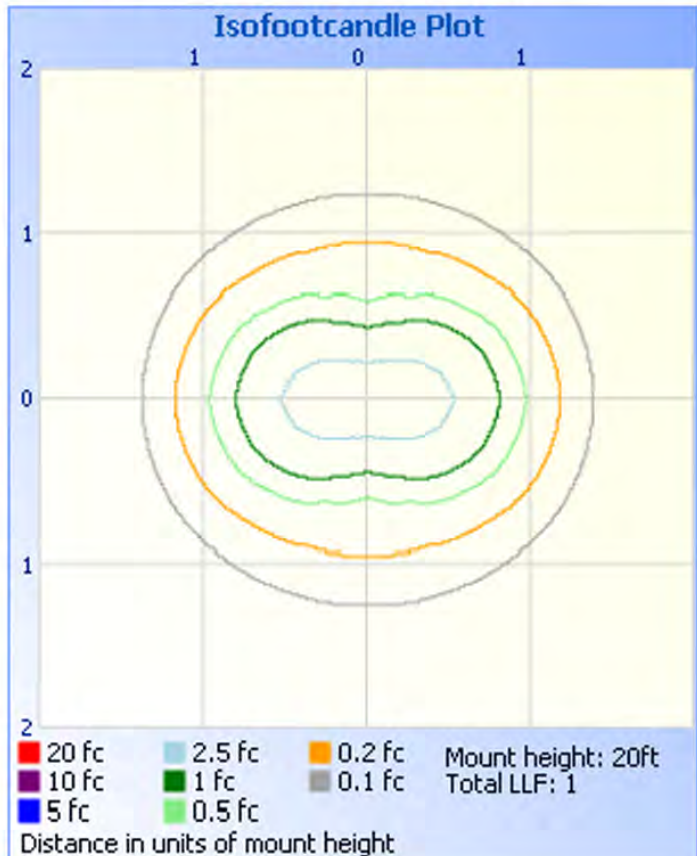
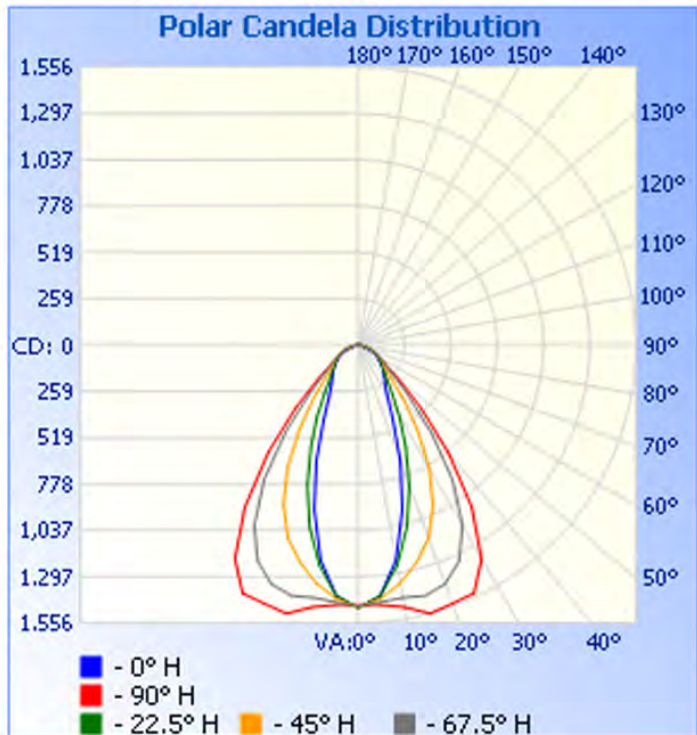
Luminous Opening: Point

Test: 12-1-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	931.9	49.7%	49.7%
0-40	1,321.3	70.5%	70.5%
0-60	1,710.9	91.3%	91.3%
60-90	162.7	8.7%	8.7%
0-90	1,873.6	100%	100%
90-180	0	0%	0%
0-180	1,873.6	100%	100%

Total Efficiency: 100%



Distance	Illuminance at a Distance	
	Center Beam FC	Beam Width
3.3ft	132.48 fc	2.7ft 5.6ft
6.7ft	33.12 fc	5.4ft 11.3ft
10.0ft	14.72 fc	8.2ft 16.9ft
13.3ft	8.28 fc	10.9ft 22.6ft
16.7ft	5.30 fc	13.6ft 28.2ft
20.0ft	3.68 fc	16.3ft 33.9ft

Vert. Spread: 44.4° Horiz. Spread: 80.5°

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

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