



LED Street & Roadway Light – M400-Style Cobrahead

SLL002P-72X2W-XPW-104



Full Cutoff — Consumes Only 140 Watts – Replaces MH/HPS Outdoor Fixtures up to 400W

Operates on 90~305VAC — 5500K Pure White — Typical Mounting Height: 25-35 feet

FEATURES

- **Lamp Warranty:** 5 Years
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Very Low Power Usage:** A Reduction of 258 Watts if Used to Replace Standard 400W HPS Lamp (*with 40 Watts Transformer Loss*)
- **Full Cutoff**
- **Instant On:** No Delay in Re-Strike
- **Solid Construction:** Die-Cast Aluminum Housing with Electrocoated Grey Paint Finish; Clear, Tempered Glass Lens



- Universal Adjustable Two-Bolt Mounting Bracket
- Tested in Accordance with IES Standards
- **Wide Ambient Oper. Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]

- Meets IP55 Requirements
- **Input Power Surge Protection:** Onboard 40kAmp
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Safety Assurance:** ETL Listed

- **Photo-Cell Receptacle / Jumper Included**
- **DesignLights™ Consortium Listed:** Appears on DLC Qualified Products List
- **Eco-Friendly:** RoHS Compliant



Made in the USA from imported parts. Meets Buy American requirements within the ARRA program.

SPECIFICATIONS

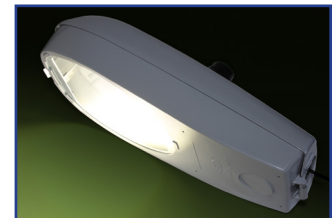
All specifications and pricing subject to change without notice

PART NO.	SLL002P-72X2W-XPW-104
Emitted Color	Pure White
Color Temperature (CCT)	5000K~5600K
Color Rendering Index (CRI)	76
Beam Pattern	Type III Asymmetric Very Short – Full Cutoff
Viewing Angle <small>(Full Beam Width @ 50% Intensity)</small>	Vert: 43° – Horiz: 112°
Input Voltage	90~305VAC
Total Lumens	9598 lm
Maximum Candela	6625 cd
Ambient Operating Temp.	~-22°F to ~+122°F ~-30°C to ~+50°C
Pipe Mounting Diameter	1¼-2 in. Pipe (1.66-2.375 O.D.)
Weight	20.1 lbs / 9.12 kg

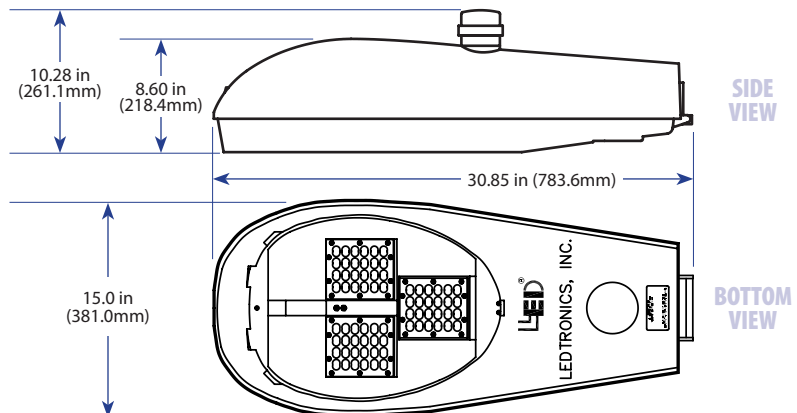
INPUT VOLTAGE	INPUT CURRENT	ENERGY USED	EFFICACY	POWER FACTOR
120VAC	1.191 A	142 Watts	74 lm/W	0.99
277VAC	0.553 A	139 Watts	74 lm/W	0.86

BENEFITS

- **Reduces Light Pollution:** “Dark Skies” Initiative-Friendly – No Wasted Light, Full Cutoff
- **Low Ultraviolet Emission:** Does Not Attract Insects
- **Enhances Night Vision:** Better Optical Acuity – Little or No Debilitating Glare
- **High CRI Enhances All Colors**



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



www.LEDtronics.com

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Check LEDTRONICS.COM for latest data. Printed material may be outdated.



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Photometric Report

Filename: T31489(UL)

Manufacturer: LEDTRONICS INC - LED ROADWAY LUMINAIRE
 Luminaire: WITH WHITE INTERIOR AND CLEAR GLASS FLAT LENS
 Luminaire Cat: SLL002P-72X2W-XPW-104
 Lamp: 72 LEDS. LUMINAIRE OUTPUT: 9614.9 Lms.
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 9614.907
 Max Candela: 6,625.8 at Horizontal: 35°, Vertical: 50°
 Input Wattage: 130
 Luminous Opening: Point
 Test: 31489
 Test Lab: LIGHTING SCIENCES, INC.
 Photometry : Type C
 CIE Class: Direct
 Nema Type: 7 X 5

Roadway Summary

Cutoff Classification:	FULL CUTOFF
Distribution:	TYPE II, VERY SHORT
Max Cd, 90 Deg Vert:	0
Max Cd, 80 to <90 Deg:	42.8
	Lumens % Lamp
Downward Street Side:	7,237.4 75.3%
Downward House Side:	2,377.5 24.7%
Downward Total:	9,614.9 100%
Upward Street Side:	0 0%
Upward House Side:	0 0%
Upward Total:	0 0%
Total Lumens:	9,614.9 100%

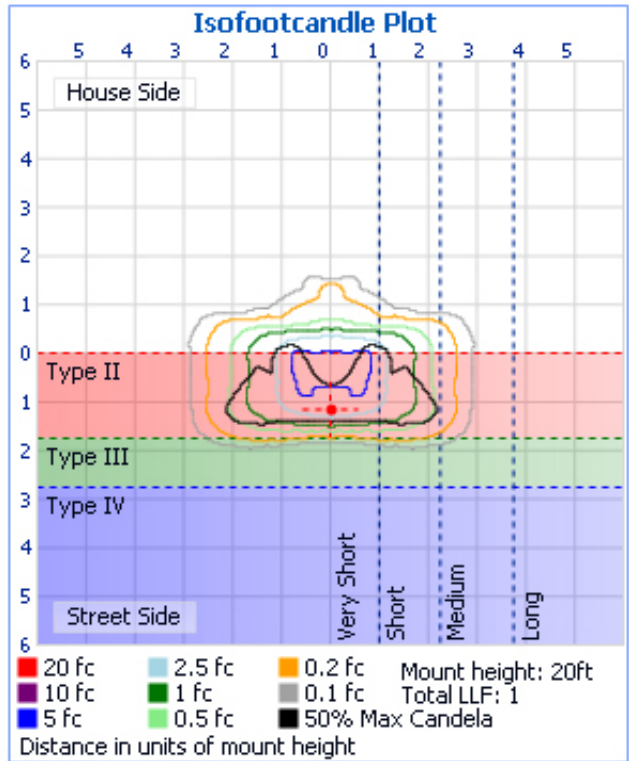
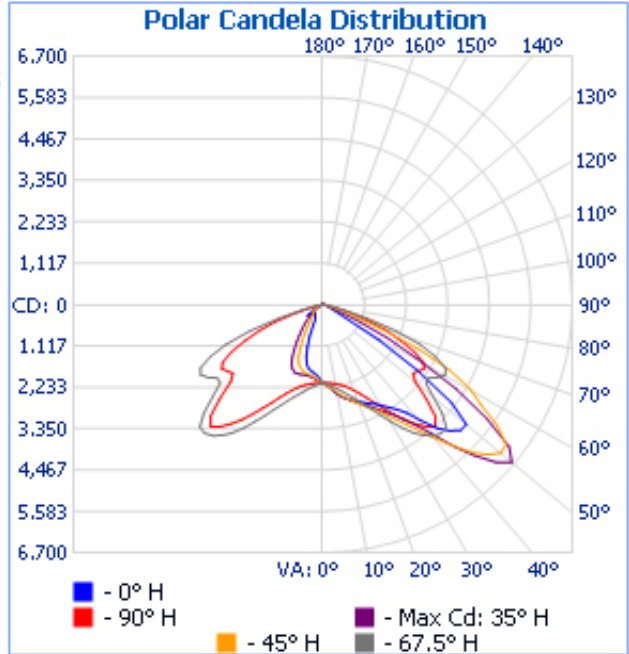
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,935.5	20.1%
0-40	3,608.8	37.5%
0-60	8,119.8	84.5%
60-90	1,495.1	15.5%
70-100	272.2	2.8%
90-120	0	0%
0-90	9,614.9	100%
90-180	0	0%
0-180	9,614.9	100%

Illuminance at a Distance

	Center Beam FC	Beam Width
3.3ft	190.59 fc	2.8ft 10.0ft
6.7ft	47.65 fc	5.5ft 20.1ft
10.0ft	21.18 fc	8.3ft 30.1ft
13.3ft	11.91 fc	11.0ft 40.2ft
16.7ft	7.62 fc	13.8ft 50.2ft
20.0ft	5.29 fc	16.6ft 60.3ft

■ Vert. Spread: 45.0° ■ Horiz. Spread: 112.8°



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