



Hi-Power LED Variable-Mount Shoebox Luminaires

SLL003P-70X2W-XxW-005



Consumes Only 147 Watts of Power or Less — Over 65% Energy Savings

XIW Replaces 400-Watt HPS Fixtures — Typical Mounting Height: 20-30 feet
XPW Replaces 300-360 Watt Metal Halide Fixtures — Typical Mounting Height: 14-24 feet

FEATURES

- **Warranty:** 5 Years
- **Very Low Power Consumption:** Only 147 Watts or Less
- **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*)
- **Less Weight:** Weighs Only 24 lbs as Compared to 39-42 lbs Conventional Lighting
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Super Intensity:** Up to 3,861 Candelas
- **Highest-Grade LEDs:** Uses CREE XR-E that Meets LM-79/LM-80 Requirements
- **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 Ambient Oper. Temperature Range:** ~-22°F to ~+122°F
- **Safety Assurance:** ETL Listed
- **DesignLights™ Consortium Approved:** SLL003P-70X2W-XPW-005 @ 120VAC Appears on DLC Qualified Products List — May Benefit from Various Government Incentives
- **Made in the USA** from Imported Parts — Meets *Buy American* Requirements within the ARRA Program



Intertek



ARRA Compliant

DESIGNLIGHTS
CONSORTIUM

SLL003P-70X2W-XPW-005 (DLC listed for 120VAC applications, 277VAC apps in process)

APPLICATIONS

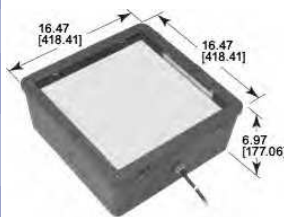
- Parking Lots & Structures
- Roadway & Street Lighting
- Building Floodlights
- Up/Down Spotlighting
- Pole-Mounted Area Lighting
- Sign Lighting
- For Tunnels, Caves, Mines
- Parks/Walkway Illumination

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
- **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:** Better Optical Acuity, Little or No Disability 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.



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
- Other LED Colors
- Other Color Finishes
- Narrow or Wider Viewing Angles
- Various Mounting Hardware Available



(Ask for Log #283)



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	SLL003P-70X2W-XxW-005
Beam Pattern	Type V Circular
Input Voltage	100-277 VAC [Tested @ 120VAC]
IP Code	IP65
Ambient Operating Temperature Range	~-22°F to ~+122°F ~-30°C to ~+50°C
Dimensions	W16½ in x H16½ in x D7 in W41.8cm x H41.8 cm x D17.7cm
Weight	24 lbs / 11 kg

PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	POWER FACTOR	TOTAL LUMENS	MAXIMUM CANDELA	CRI	COLOR TEMP.	EMITTED COLOR	VIEWING ANGLE*
SLL003P-70X2W-XIW-005	1.140A	135.9 Watts	36 lm/W	0.99	4,936 lm	2,968 cd	85	2800K~3200K	Warm White	80°~85°
SLL003P-70X2W-XPW-005	1.231A	147 Watts	50 lm/W	0.99	7,384 lm	3,861 cd	76	5500K~6350K	Pure White	85°~95°

*Full Beam Width @ 50% Intensity

LEDTRONICS®
Creating the Future of Light Since 1983™



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

Luminaire Photometric Report

Filename: SLL003P-70X2W-XPW-005
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 120VAC, 147W, AL73 HOUSING, 7X10, 5.1A
 Luminaire Cat: SLL003P-70X2W-XPW-005
 Lamp: LUMEN RATING: 7383.8Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 7383.8
 Max Candela: 3,861.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-24-09

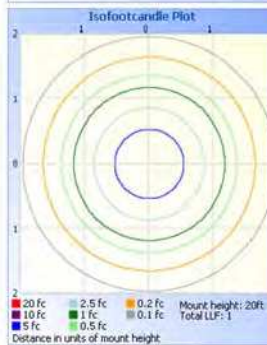
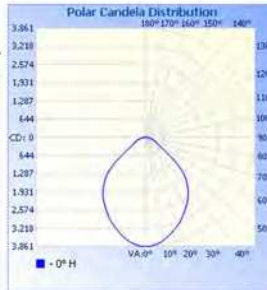
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,770.6	37.5%	37.5%
0-40	4,398.8	59.6%	59.6%
0-60	6,677.6	90.4%	90.4%
0-90	7,061.1	9.6%	9.6%
0-90	7,383.8	100%	100%
0-180	7,383.8	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
3.0ft	347.49 fc
6.7ft	86.87 fc
10.0ft	38.61 fc
13.3ft	21.72 fc
16.7ft	13.90 fc
20.0ft	9.65 fc

Vert. Spread: 90.3° Horiz. Spread: 90.3°



20 FEET

Luminaire Photometric Report

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 Max Candela: 3,861.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-24-09

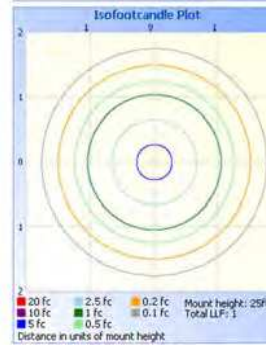
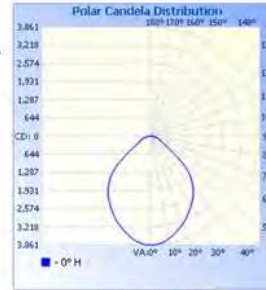
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,770.6	37.5%	37.5%
0-40	4,398.8	59.6%	59.6%
0-60	6,677.6	90.4%	90.4%
0-90	7,061.1	9.6%	9.6%
0-90	7,383.8	100%	100%
0-180	7,383.8	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
4.2ft	222.39 fc
8.3ft	55.60 fc
12.5ft	24.71 fc
16.7ft	13.90 fc
20.0ft	8.90 fc
25.0ft	6.18 fc

Vert. Spread: 90.3° Horiz. Spread: 90.3°



25 FEET

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 Lamp Output: 1 lamp(s), rated lamp lumens: 7383.8
 Max Candela: 3,861.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 8-24-09

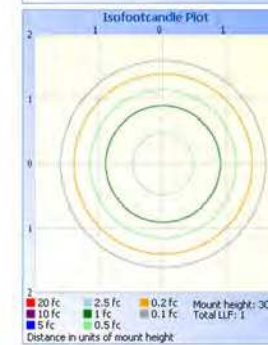
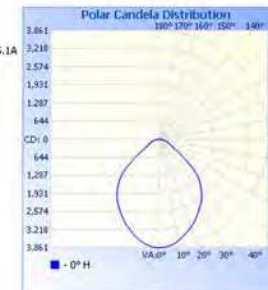
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,770.6	37.5%	37.5%
0-40	4,398.8	59.6%	59.6%
0-60	6,677.6	90.4%	90.4%
0-90	7,061.1	9.6%	9.6%
0-90	7,383.8	100%	100%
0-180	7,383.8	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
5.0ft	154.44 fc
10.0ft	38.61 fc
15.0ft	17.16 fc
20.0ft	9.65 fc
25.0ft	6.18 fc
30.0ft	4.29 fc

Vert. Spread: 90.3° Horiz. Spread: 90.3°



30 FEET

Luminaire Photometric Report

Filename: SLL003P-70X2W-XIW-005
 Manufacturer: LEDTRONICS -
 Luminaire: WITH CLEAR LENS, 120VAC, 135.9W
 Luminaire Cat: SLL003P-70X2W-XIW-005
 Lamp: LUMEN RATING: 4935.6Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 4935.6
 Max Candela: 2,968.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 12-14-10

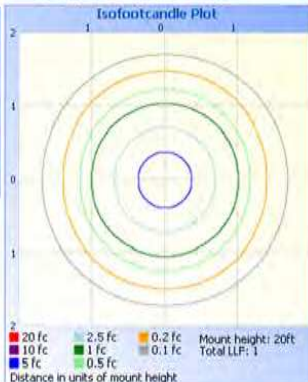
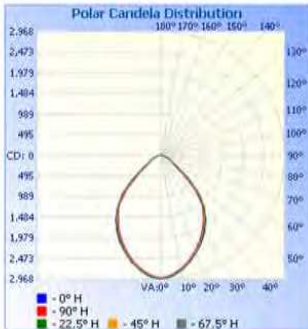
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,056.2	41.7%	41.7%
0-40	3,200.6	64.8%	64.8%
0-60	4,567.2	92.5%	92.5%
0-90	3,684.4	7.5%	7.5%
0-90	4,935.6	100%	100%
0-180	4,935.6	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
3.0ft	267.12 fc
6.7ft	66.78 fc
10.0ft	29.68 fc
13.3ft	16.70 fc
16.7ft	10.68 fc
20.0ft	7.42 fc

Vert. Spread: 83.9° Horiz. Spread: 80.7°



20 FEET

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 Max Candela: 2,968.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 12-14-10

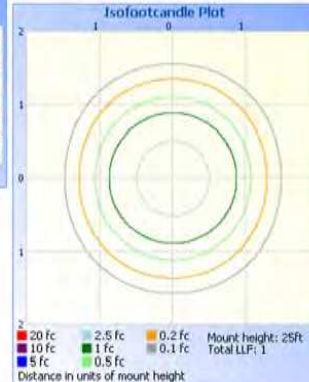
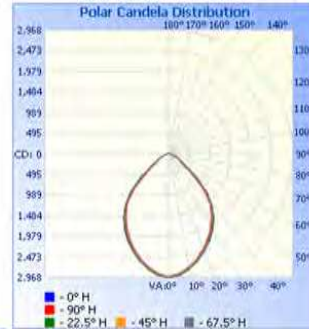
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0-90	3,684.4	7.5%	7.5%
0-90	4,935.6	100%	100%
0-180	4,935.6	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
4.2ft	170.96 fc
8.3ft	42.74 fc
12.5ft	19.00 fc
16.7ft	10.68 fc
20.0ft	6.84 fc
25.0ft	4.75 fc

Vert. Spread: 83.9° Horiz. Spread: 80.7°



25 FEET

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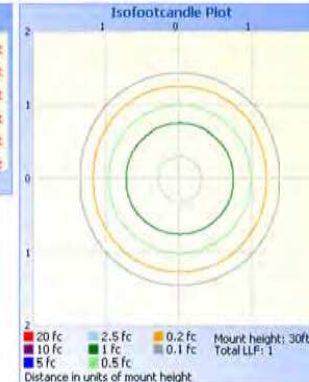
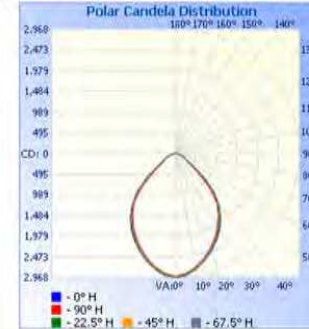
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0-90	3,684.4	7.5%	7.5%
0-90	4,935.6	100%	100%
0-180	4,935.6	100%	100%

Illuminance at a Distance

Center Beam FC	Beam Width
5.0ft	118.72 fc
10.0ft	29.68 fc
15.0ft	13.19 fc
20.0ft	7.42 fc
25.0ft	4.75 fc
30.0ft	3.30 fc

Vert. Spread: 83.9° Horiz. Spread: 80.7°



30 FEET