



# LED Ceiling/Wall Luminaire – Slim Line Shoebox

SLL003PC-30X2W-XxW-005



Consumes 88-100 Watts — Replaces HPS or MH up to 250 Watts — Up to 65% Energy Savings

Operates on 100-277VAC — Typical Mounting Height: 25-30 feet — Less than 3.0 inches Thick

## FEATURES

- **Warranty:** 5 Years
- **Major Energy Savings:** 88 to 100 Watts of Power Consumption
- **Wide Input Voltage Range:** 100-277VAC
- **Long Lifespan:** White LED Lumen Maintenance >70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Lighter:** Weighs Only 11.6 lbs as Compared to 39-42 lbs for MH/HPS Units
- **Highest-Grade LEDs:** Uses White Premium Lighting-Class LEDs that Are Test-Verified to LM-79 Standard
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Meets IP65 Requirements:** Totally Protected against Dust; Protected against Low-Pressure Jets of Water from All Directions. Limited Ingress Permitted.
- **Wide Operating Temp. Range:** ~-22°F to ~+122°F
- **Super Intensity:** Up to 2167 Candelas
- **Instant, Even Light:** No Delay in Re-Strike, No Halation / High Intensity Illumination
- **Solid-State:** High-Shock & High-Vibration Resistant
- **High CRI** Enhances Colors
- **Reduces Light Pollution:** No Wasted Light, "Dark Skies Initiative"-Friendly



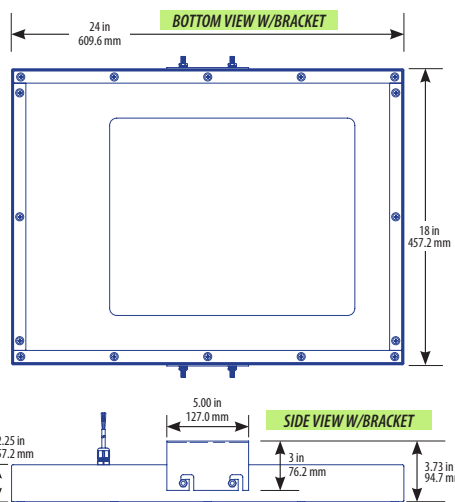
## MATERIALS / CONSTRUCTION

- **Housing** made from aluminium construction with all-stainless-steel hardware, with an electrocoat painted finish.
- **Lens** made from high-impact-strength, UV-stabilized polycarbonate, to prevent fading and yellowing. Lens is sealed with a neoprene gasket to protect all internal components from any moisture or dust.
- Fixture is intended for **indoor or outdoor use**, and designed to protect against windblown dust, rain, splashing and direct hose "washdowns."



ARRA Compliant

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



## APPLICATIONS

- High and Low Bay Lighting
- Parking Garage Canopy Lighting
- For Tunnels, Roadway Underpasses
- Enclosures
- Underground Mines, Caves



LEDtronics SLL003PC shoebox luminaires light up the pedestrian tunnel at Bolling Air Force Base in Washington, D.C.

## BENEFITS

- **Eco-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects; No RF Interference
- **Enhances Vision:** Better Optical Acuity, Little or No Glare as Compared to HID Lamps
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **Cool Operation:** Doesn't Get Hot to the Touch – Minimizes A/C Load

## SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>PART NO.</b>	SLL003PC-30X2W-XxW-005
<b>Viewing Angle</b>	85°~95° [Full Beam Width @ 50% Intensity]
<b>Beam Pattern</b>	Type V Circular
<b>Power Factor</b>	0.99
<b>Input Voltage</b>	100-277 VAC [Tested @ 120VAC]
<b>Ambient Operating Temp.</b>	~-22°F to ~+122°F (~-30°C to ~+50°C)
<b>Dimensions</b>	24 in x 18 in [610mm x 457mm]
<b>Weight</b>	11.6 lbs / 5.26kg

PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	CRI	COLOR TEMP.	EMITTED COLOR
SLL003PC-30X2W-XIW-005	-A	88 Watts	40 lm/W	3540 lm	1906 cd	85	3000K	Warm White
SLL003PC-30X2W-XPW-005	856mA	100 Watts	44 lm/W	4355 lm	2167 cd	76	5500K~6350K	Pure White

## CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- Other **voltages** available
- Other **LED colors** available

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Creating the Future of Light Since 1983™



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

**SLL003PC-30X2W-XIW-005**

**Luminaire Photometric Report**

Filename: SLL003P-30X2W-XIW-005  
 Manufacturer: LEDTRONICS -  
 Luminaire: WITH CLEAR LENS, 120VAC, 87.8W  
 Luminaire Cat: SLL003P-30X2W-XIW-005  
 Lamp: . LUMEN RATINGS: 3539, 9Lms.  
 Lamp Output: 1 lamp(s), rated lamp lumens: 3539, 9  
 Max Candela: 1,906.0 at Horizontal: 0, Vertical: 0  
 Luminous Opening: Point  
 Test: 2-24-10

**Zonal Lumen Summary**

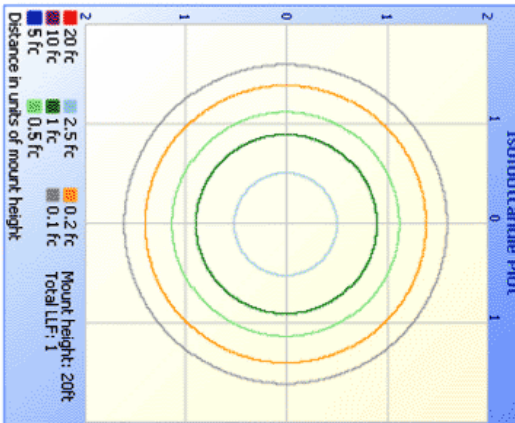
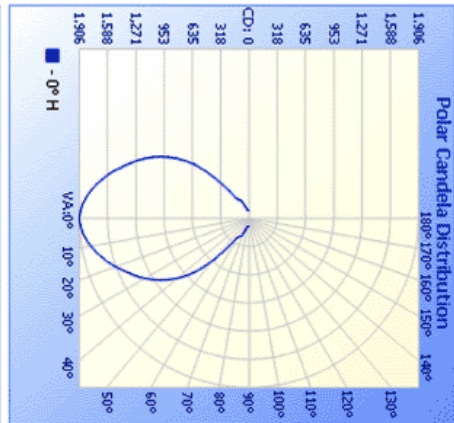
Zone	Lumens	% Lamp	% Luminaire
0-30	1,333.5	37.7%	37.7%
0-40	2,088.0	59%	59%
0-60	3,078.9	87%	87%
60-90	461.0	13%	13%
0-90	3,539.9	100%	100%
0-180	3,539.9	100%	100%

Total Efficiency: 100%

**Illuminance at a Distance**

Center Beam Fc	Beam Width
3.8ft	6.1ft
6.7ft	12.2ft
10.0ft	18.4ft
13.8ft	24.5ft
16.7ft	30.6ft
20.0ft	36.7ft

Beam Spread: 85.1°



**SLL003PC-30X2W-XPW-005**

**Luminaire Photometric Report**

Filename: SLL003PC-30X2W-XPW-005  
 Manufacturer: LEDTRONICS -  
 Luminaire: WITH CLEAR LENS, 120VAC, 100.4W  
 Luminaire Cat: SLL003PC-30X2W-XPW-005  
 Lamp: . LUMEN RATINGS: 4354, 9Lms.  
 Lamp Output: 1 lamp(s), rated lamp lumens: 4354, 9  
 Max Candela: 2,167.0 at Horizontal: 0, Vertical: 0  
 Luminous Opening: Point  
 Test: 6-23-09

**Zonal Lumen Summary**

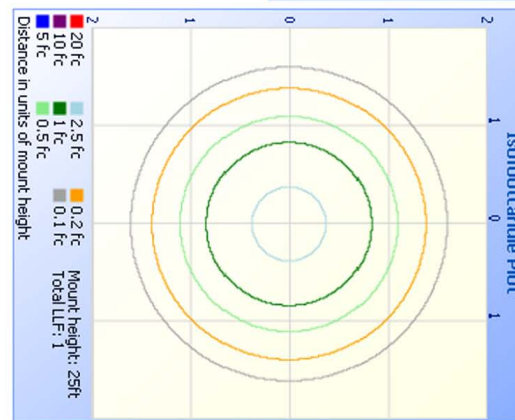
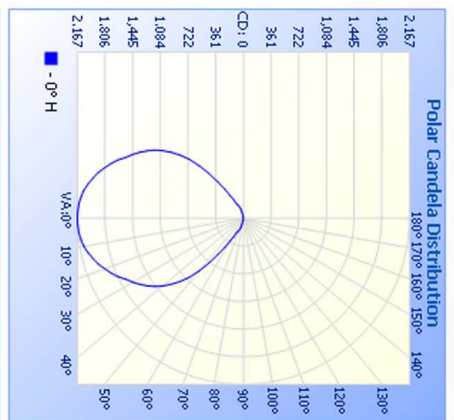
Zone	Lumens	% Lamp	% Luminaire
0-30	1,603.6	36.8%	36.8%
0-40	2,560.3	58.8%	58.8%
0-60	3,977.2	91.3%	91.3%
60-90	377.6	8.7%	8.7%
0-90	4,354.9	100%	100%
0-180	4,354.9	100%	100%

Total Efficiency: 100%

**Illuminance at a Distance**

Center Beam Fc	Beam Width
4.2ft	8.8ft
8.3ft	17.6ft
12.5ft	26.5ft
16.7ft	35.3ft
20.8ft	44.1ft
25.0ft	52.9ft

Beam Spread: 93.3°



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