



LED Conical Lamp for Pendant Lights

80 Watts, Replaces HID Lamps up to 250 Watts – Omnidirectional Beam – E39 Base



FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings up to 80%
- Lumen Maintenance over 70% @ 50,000+ Hours
- Wide Voltage Input Range: 100~277VAC
- Aluminum-Enclosed IP65 Driver
- Efficient Aluminum-Fin Heatsink with Fan
- Solid State – High Shock/Vibration Resistant
- 3KV Surge Protection Rating
- UL/cUL Listed (E322319)
- No UV/IR, No Mercury, ROHS Compliant



40 Years of LEDtronics Design,
Engineering & Manufacturing Experience

APPLICATIONS

- Ideal for Low & High Bay Canopies
- Outdoor & Covered Parking Areas
- Street, Driveway & Walkway Lighting
- Security Lighting
- Parks / Playgrounds
- Railroad Station Platforms
- Pendant Lighting, Enclosures
- Globe Lamps

AVAILABLE OPTIONS

- Other Color Temperatures: 6700K
- E26 Base or Base-Down Configuration

LED40BU-80WE39-XHW-101 (Halogen White)
LED40BU-80WE39-XIW-101 (Warm White)
LED40BU-80WE39-XWW-101 (Natural White)
LED40BU-80WE39-XPW-101 (Pure White)

80 Watts, Replaces
HID Lamps up to
250 Watts

	XHW	XIW	XWW	XPW
Color Temp.	2654K	3000K	4000K	5000K
Input Power	79.1 Watts	79.3 Watts	79.3 Watts	79.3 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	-	0.660 A	0.655 A	0.635 A
Total Lumens	9857.7 lm	9919 lm	10041.5 lm	10164.1 lm
Efficacy	124.6 lm/W	125 lm/W	126.5 lm/W	128.1 lm/W
Max. Candela	-	1315 cd	1440 cd	1440 cd
Power Factor	0.92			
CRI	84			
Beam Angle	320° Omnidirectional			
Dimmability	Not Dimmable			
Heatsink	Aluminum, Silver Color			
Sleeve	Polycarbonate, White & Lime Green			
Base	E39 Mogul Screw			
Oper. Temp.	-40°F ~+122°F / -40°C ~+50°C			
Weight	2.3 lbs / 1.04 Kg			
Surge Protection	3KV Rated			

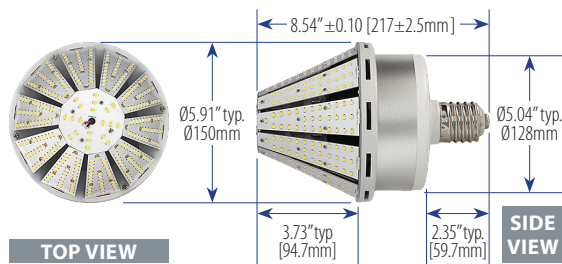


CAUTION – MINIMUM CAVITY REQUIREMENT:
962 cu. cm. / 150 cu. in.
or Globe Ø = 35 cm / 13.8 in.

Optimized Design

The conical-surface LED layout directs all light down to the ground, eliminating light loss due to reflection and redirection, greatly improving lighting efficiency and providing maximum luminance to the targeted area.

If a ballast is present and used by a preexisting lamp, the ballast needs to be bypassed for the LED lamp (Operating Voltage 100-295 VAC).



LEDTRONICS®

America's Premium Brand LED Company™



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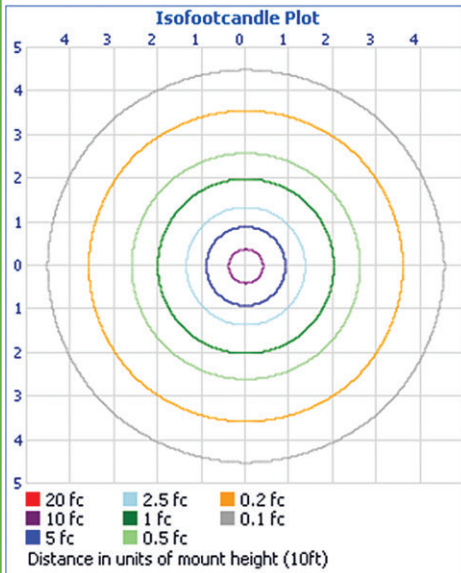
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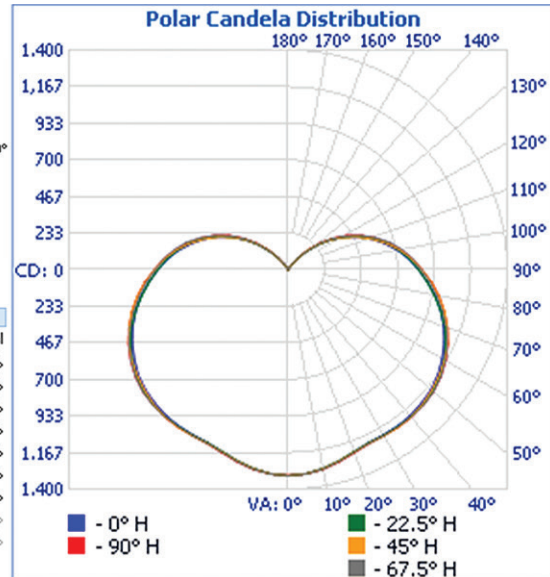
PHOTOMETRIC REPORT:

LED40BU-80WE39-XIW-101



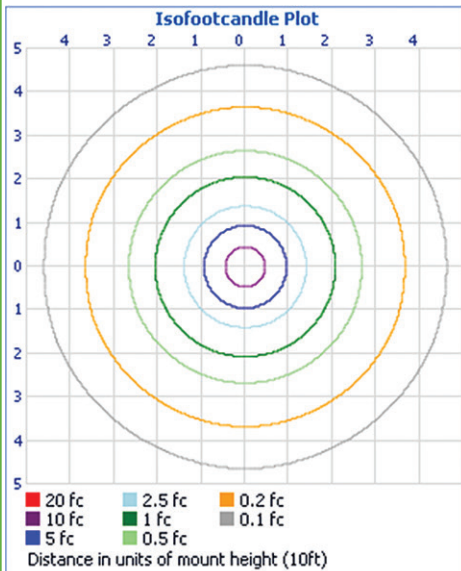
Filename: LED40BU-80WE39-XIW-101
 Manufacturer: LEDTRONICS
 Luminaire: NO LENS, 78.9W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 9519.9
 Max Candela: 1,314.0 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 1-12-17
 Photometry: Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	124.0	1.3%	90-100	859.9	9%
10-20	357.0	3.8%	100-110	695.3	7.3%
20-30	566.5	6.0%	110-120	501.6	5.3%
30-40	767.7	8.1%	120-130	305.9	3.2%
40-50	940.4	9.9%	130-140	135.6	1.4%
50-60	1,058.5	11.1%	140-150	31.5	0.3%
60-70	1,106.6	11.6%	150-160	2.0	0%
70-80	1,079.1	11.3%	160-170	0	0%
80-90	988.4	10.4%	170-180	0	0%



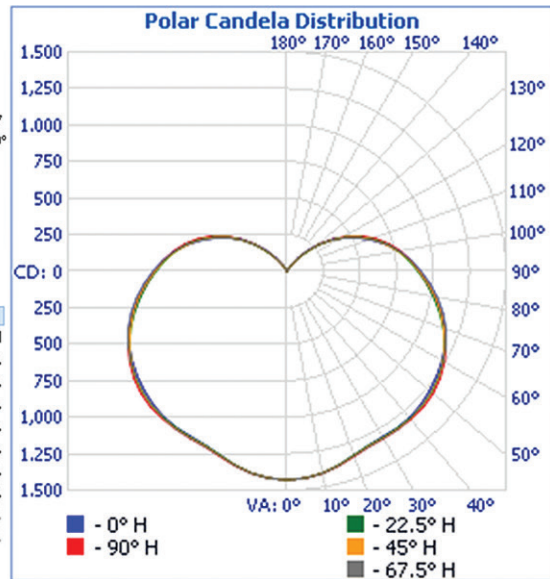
PHOTOMETRIC REPORT:

LED40BU-80WE39-XPW-101



Filename: LED40BU-80WE39-XPW-101
 Manufacturer: LEDTRONICS
 Luminaire: NO LENS, 77W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 10252.7
 Max Candela: 1,428.0 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 1-16-17
 Photometry: Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	135.0	1.3%	90-100	923.2	9%
10-20	388.4	3.8%	100-110	750.6	7.3%
20-30	613.1	6.0%	110-120	545.9	5.3%
30-40	827.0	8.1%	120-130	337.0	3.3%
40-50	1,009.1	9.8%	130-140	153.1	1.5%
50-60	1,133.1	11.1%	140-150	36.9	0.4%
60-70	1,184.0	11.5%	150-160	2.3	0%
70-80	1,155.0	11.3%	160-170	0	0%
80-90	1,059.2	10.3%	170-180	0	0%



APPLICATIONS

