



LED High Lumen, Low Profile High Bay Lights

60 to 500 Watts – 100~277VAC – Dimmable – Wide Beam – 5000K Pure White – IP65 – ETL



FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings of 70% over Counterpart HID's
- ETL Listed (5008744)
- Lumen Maintenance over 70% @ 50,000+ Hours
- 3-Way Dimmable: 0-10V – Title 24 Compliant
- High Lumen, High CRI, Low Glare
- Die-Cast Aluminum Alloy Black Housing
- Clear, Tempered Glass Lens
- IP65: Suitable for High Humidity Sites
- No UV / No RF, Impact Resistant, Lightweight



APPLICATIONS

Extra Lightweight – Ideal for High Bay Lighting:

- Factory Production Areas
- Indoor Tennis Courts
- Subway & Rail Platforms, Toll Booths
- Industrial Plants, Workshop Areas
- Warehouses, Depots, Conference Halls

AVAILABLE OPTIONS

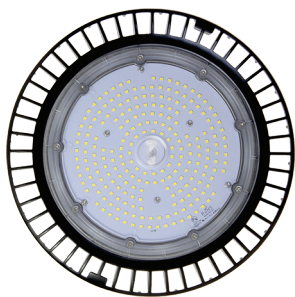
- Other Color Temperatures: 3000K, 4000K
- Other Wattages & Voltages

40 Years of LEDtronics Design, Engineering & Manufacturing Experience



INCLUDED:
15+~ 19+ inch, 18AWG, 3-Wire Input Wire &
9~14.5 inch, 22 AWG, 2-Wire Dimming Wire

SHOWN:
HBL007-150W-XPW-101WD



BOTTOM VIEW



SIDE VIEW

- HBL007-060W-XPW-101WD** (60 Watts, equivalent to 100W HPS, 150W MH)
- HBL007-100W-XPW-101WD** (100 Watts, equivalent to 150W HPS, 175W MH)
- HBL007-150W-XPW-101WD** (150 Watts, equivalent to 200W HPS, 250W MH)
- HBL007-200W-XPW-101WD** (200 Watts, equivalent to 250W HPS, 400W MH)
- HBL007-240W-XPW-101WD** (240 Watts, equivalent to 310W HPS, 400W MH)

- Input Power**
- Input Voltage**
- Input Current**
- Lumens**
- Luminous Efficacy**
- Max. Candela**
- Power Factor**
- Color Temperature**
- LED Emitted Color**
- Illumination Angle**
- CRI**
- Dimmability**
- Operating Temp.**
- Protection Rating**
- Housing**
- Lens**
- Dimensions**
- Weight**

	60W	100W	150W	200W	240W
Input Power	61 Watts	100 Watt	143 Watt	200 Watt	229 Watt
Input Voltage	100~277VAC (Tested @ 120VAC)				
Input Current	0.51A	0.83A	1.19A	1.16A	1.92A
Lumens	8756 lm	13028 lm	18912 lm	25771 lm	29376 lm
Luminous Efficacy	144 lm/W	130 lm/W	133 lm/W	129 lm/W	128 lm/W
Max. Candela	3205 cd	4500 cd	6675 cd	9070 cd	10625 cd
Power Factor	1.0				
Color Temperature	5000K				
LED Emitted Color	Pure White				
Illumination Angle	110°x110°	115°x115°	115°x115°	110°x115°	110°x115°
CRI	>80				
Dimmability	1-10V				
Operating Temp.	-4°F ~+149°F / -20°C ~+65°C				
Protection Rating	IP65 (Water-Resistant to Low-Pressure Spray)				
Housing	Die-Cast Aluminum Alloy / Black				
Lens	Clear Tempered Glass				
Dimensions	Ø10.24x6.42 in Ø260x163mm	Ø10.24x6.42 in Ø260x163mm	Ø10.24x6.42 in Ø260x163mm	Ø11.81x6.97 in Ø300x177mm	Ø11.81x6.97 in Ø300x177mm
Weight	5.20 lbs 2.36 Kg	5.30 lbs 2.4 Kg	5.23 lbs 2.37 Kg	8.20 lbs 3.72 Kg	7.75 lbs 3.52 Kg

HBL007-500W →

LEDTRONICS®

America's Premium Brand LED Company™



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

LED High Lumen, Low Profile, Dimmable High Bay Luminaire – 500 Watts

480 Watts, Replaces MH/HPS Lamps up to 1500W



115° BEAM ANGLE

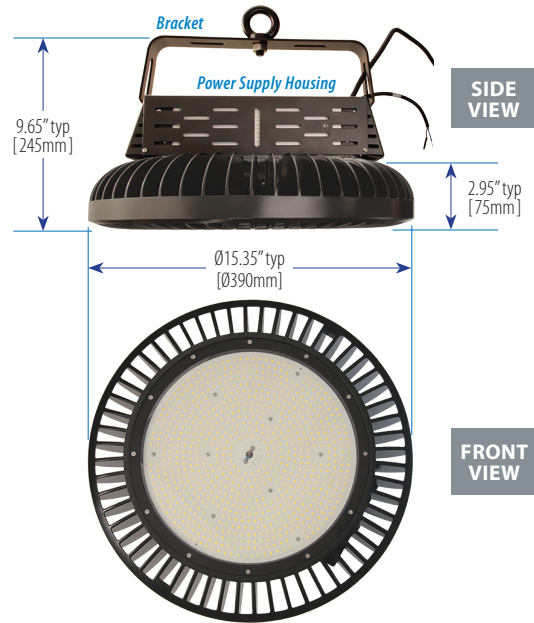
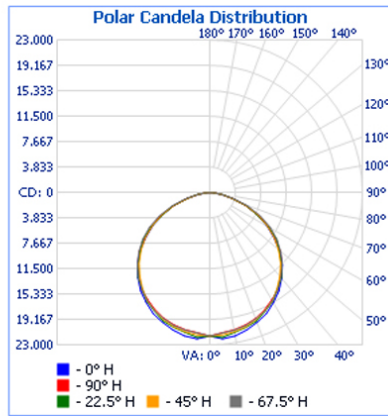


HBL007-500W-XPW-101WD

- Input Power** 480 Watts
- Input Voltage** 100~277VAC (Tested @ 120VAC)
- Input Current** 3.98A
- Power Factor** 1.0
- Lumens** 63455 lm
- Efficacy** 132 lm/W
- Max. Candela** 22173 cd
- CRI** >80
- Emitted Color** Pure White
- Color Temperature** 5000K
- Illumination Angle** 115° x 115°
- Dimmability** 0-10V
- Operating Temp.** -4°F ~+149°F / -20°C ~+65°C
- Protection Rating** IP65 (Water-Resistant to Low-Pressure Spray)
- Housing** Die-Cast Aluminum / Black
- Lens** Clear Tempered Glass
- Dimensions** Ø15.35 x 9.65 in / Ø390 x 245 mm
- Weight** 20.34 lbs / 9.23 Kg
- ETL Listing** 5008744 (CH-UFO-W500-S6-5000K)
- Input Wire** 31 inches / 3-wire (18AWG)
- Dimming Wire** 8 inches / 2-wire (22AWG)

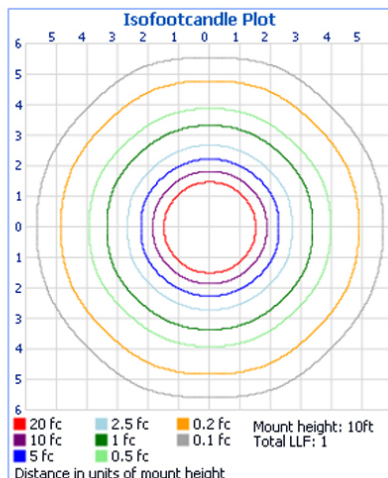
Luminaire Photometric Report

Filename: HBL007-500W-XPW-101WD
Manufacturer: LEDTRONICS
Luminaire: CLEAR LENS, 480.1W, 120VAC
Lamp Output: 1 lamp(s), rated Lumens/lamp: 63454.6
Max Candela: 22,173.0 at Horizontal: 0°, Vertical: 5°
Luminous Opening: Point
Test: 4-18-23
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	2,053.7	3.2%	90-100	0	0%
10-20	5,922.5	9.3%	100-110	0	0%
20-30	9,101.4	14.3%	110-120	0	0%
30-40	11,156.8	17.6%	120-130	0	0%
40-50	11,775.8	18.6%	130-140	0	0%
50-60	10,739.9	16.9%	140-150	0	0%
60-70	7,920.8	12.5%	150-160	0	0%
70-80	3,951.0	6.2%	160-170	0	0%
80-90	832.8	1.3%	170-180	0	0%



Illuminance at a Distance

Center Beam FC	Beam Width
7,799.47 fc	5.1ft 5.2ft
1,949.87 fc	10.2ft 10.5ft
866.61 fc	15.3ft 15.7ft
487.47 fc	20.3ft 20.9ft
311.98 fc	25.4ft 26.1ft
216.65 fc	30.5ft 31.4ft

■ Vert. Spread: 113.5° ■ Horiz. Spread: 115.0°

Stainless-Steel Seismic Safety Lanyard, Hook & Nut Included

