

Specifications:

HENNESSY ELITE



Description

The Hennessy 3 Panel LED High Bay is the most advanced LED High Bay light in the industry! Brighter, crisper lighting for production and manufacturing areas. Longer Life Span due to patented ACC technology. Available from 500W-630W

Output

- Lighting Beam Angles : 80°, 110°
- Proprietary Low Glare Design
- Available with 120° Diffused Window for Low Mounting Heights
- 94% Optical Efficiency

Electrical

- AC Voltage Range 120V – 277 Vac
- Max Ambient Temp: -4° to 139°F / -20° to 59°C
- Power Factor: .997 @ 120Vac, .998 @ 277Vac
- THD: 6.0%
- Power: 500W-630W
- Efficacy up to 167 lm/W
- 0-10V dimming standard for a dimming range of 100% to 0%

Mechanical

- LED Count: 84 High Power Diodes
- Industry Top Tier Diodes
- Dimensions: 21" L x 16" W x 6" H
- Net Weight: 21.5lbs – 9.75Kg
- 14G Heavy Duty Aluminum Housing
- NSF Splash Zone 2 listed
- Proprietary Custom Designed Optics
- Aluminum Core Circuit Boards
- Extruded USA 6063 Aluminum Heat Sink
- Patented Active Chamber Cooling Technology
- Stainless Steel Hardware
- Mounting: Wire Hanger or Conduit

Listings

UL Listed to 1598 standard for use in damp locations

Color Options

• Standard in white, with optional finishes available in black or bronze upon request.

Optional Control

• Motion Control Options (page 5)
Multi-Level Control Via Optional Wireless Remote



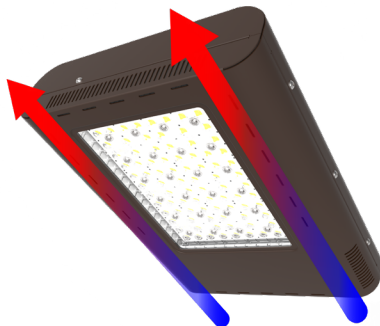
Warranty

7-year warranty. Complete terms located at:
Titanledus.com/warranty

Typical Applications

- ✓ Industrial High Bay
- ✓ Industrial Low Bay

ACC Patented Technology

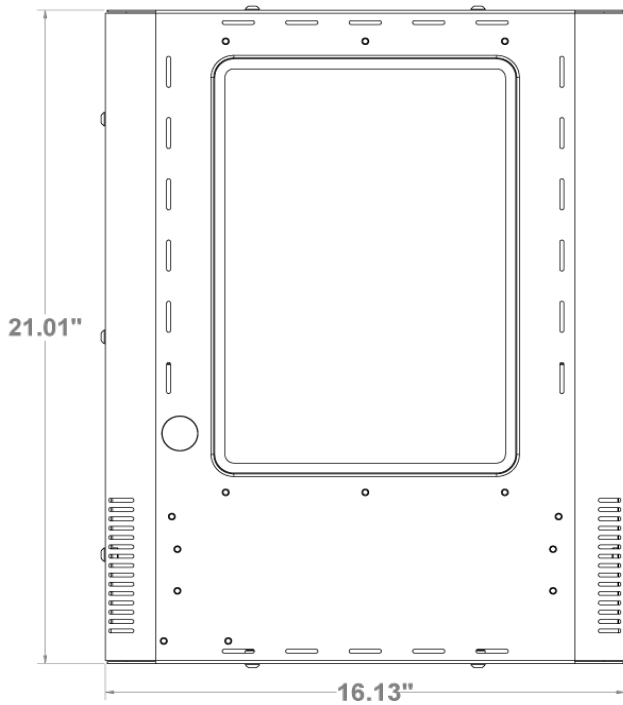


Patent No.: US 10,145,551 B2

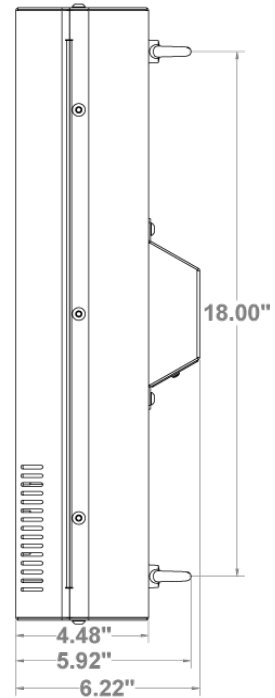
ACC Patented Technology is designed to deliver the greatest efficacy in today's LED Market by utilizing 28 thermal exchange ducts through which cool air is actively vented to drastically reduce the core junction temperature of high-power LEDs.

The air flow through the thermal exchange ducts has been precisely calculated to provide the highest thermal exchange rate and the lowest noise level. The air is then vented out of the fixture through exhaust ports ensuring not only the coolest running LEDs, but the coolest fixture temperature as well.

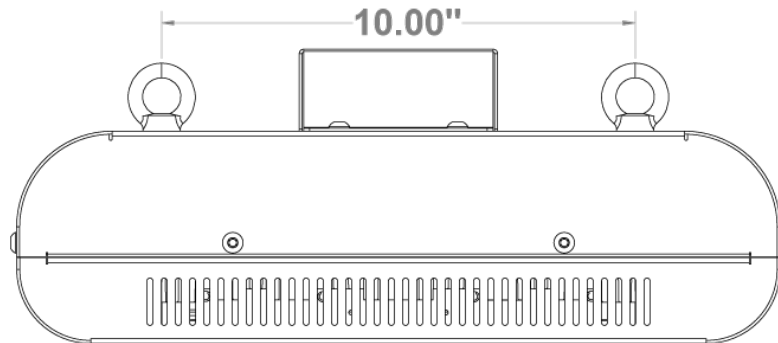
Dimensional Data



Panel-Facing View



Side View



Eye-Nut-Distance

Operational Data

Operational Characteristics

SKU #	Optic Distribution	Delivered Lumens 5000K CCT, 70 CRI	Max Candela Power	ANSI Color Bining	AC Voltage	Wattage @277Vac	HID & HPS Replacement
HB-3PC-450W-80-50K	80°	80,589	45,101	3 Step Center Bin	120-277V	450	2000W
HB-3PC-450W-110-50K	110°	77,757	27,582	3 Step Center Bin	120-277V	450	2000W
HB-3PC-500W-80-50K	80°	81,240	53,127	3 Step Center Bin	120-277V	500	2000W
HB-3PC-500W-110-50K	110°	78,639	33,603	3 Step Center Bin	120-277V	500	2000W
HB-3PC-570W-80-50K	80°	91,562	60,565	3 Step Center Bin	120-277V	570	2000W
HB-3PC-570W-110-50K	110°	88,727	38,307	3 Step Center Bin	120-277V	570	2000W
HB-3PC-630W-80-50K	80°	98,046	61,216	3 Step Center Bin	120-277V	630	2500W
HB-3PC-630W-110-50K	110°	96,564	38,372	3 Step Center Bin	120-277V	630	2500W

Projected Lumen Maintenance (TM-21)

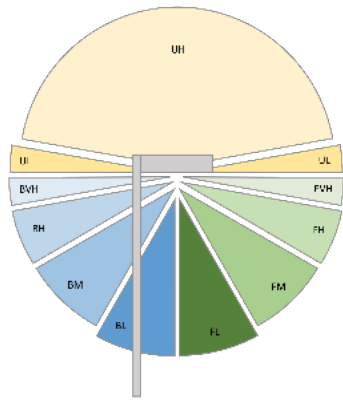
Package	Max and Min Temperature	25,000 Hours	50,000 Hours	75,000 Hours	100,000 Hours	125,000 Hours	150,000 Hours
All 3P Hennesy Elite High Bay Lights	Min -20°C, Max 60°C	96%	92.45%	88.61%	84.94%	81.41%	78.03%

Driver Options

Driver - 680GS460CV (500, 570, 630W)

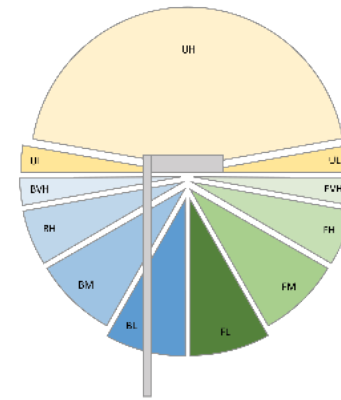
Light Spread Specifications

LCS Tables and Bug Classification 80°



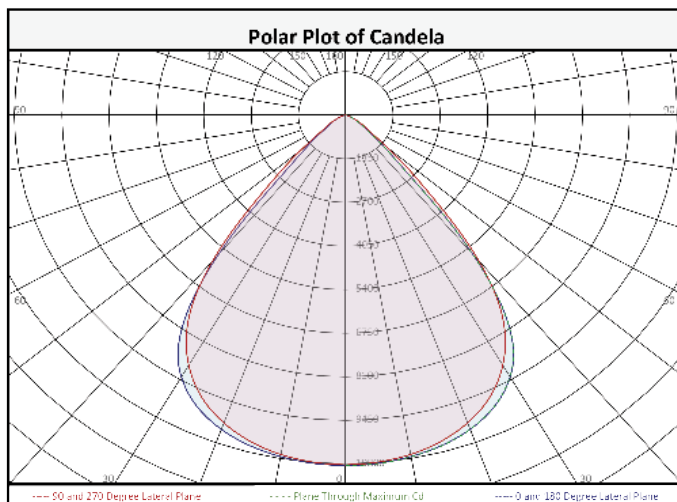
BUG RATINGS: B4 - U0 - G0

LCS Tables and Bug Classification 110°

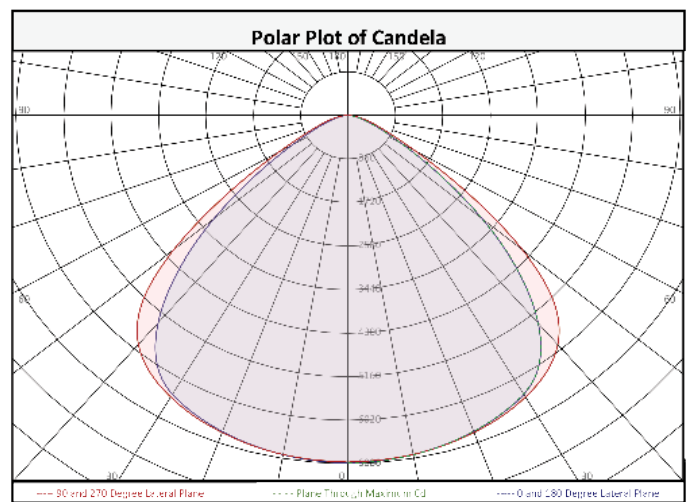


BUG RATINGS: B4 - U0 - G1

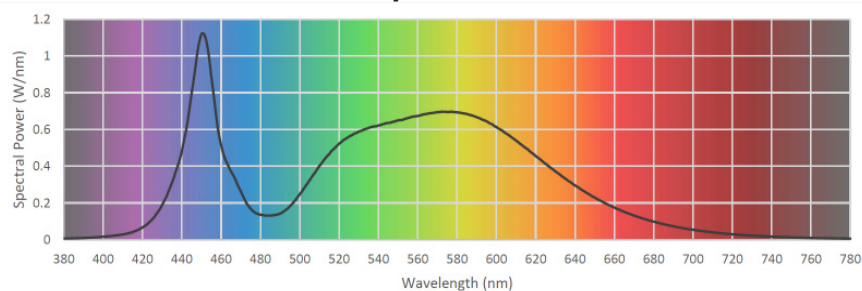
Polar Plot of Candela 80°



Polar Plot of Candela 110°



Spectrum



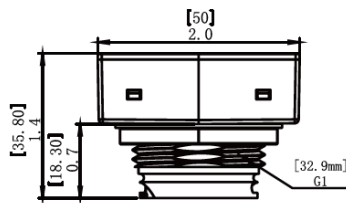
Hennessy Elite 3 Panel LED High Bay Light Product SKU

SKU	DESCRIPTION	LUMENS	EFFICACY	WARRANTY	RATED HOURS	IES FILE*
HB-3PC-500W-80-50K	3-Panel 500W 80° High Bay	81,240	162.5 lm/W	7 Year	150,000	IES
HB-3PC-500W-110-50K	3-Panel 500W 110° High Bay	78,639	157.3 lm/W	7 Year	150,000	IES
HB-3PC-570W-80-50K	3-Panel 570W 80° High Bay	91,562	160.6 lm/W	7 Year	150,000	IES
HB-3PC-570W-110-50K	3-Panel 570W 110° High Bay	88,727	155.7 lm/W	7 Year	150,000	IES
HB-3PC-630W-80-50K	3-Panel 630W 80° High Bay	98,046	155.0 lm/W	7 Year	150,000	IES
HB-3PC-630W-110-50K	3-Panel 630W 110° High Bay	96,564	153 lm/W	7 Year	150,000	IES

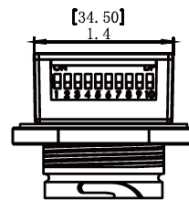
*View IES Files online at TitanLEDUS.com

Accessories

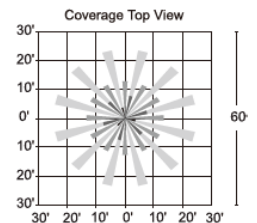
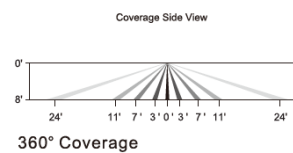
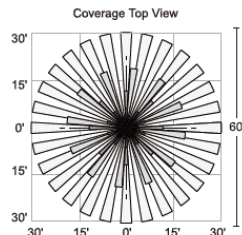
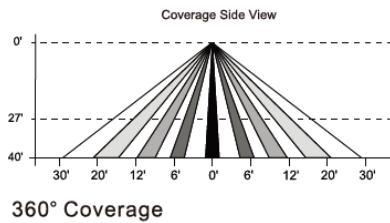
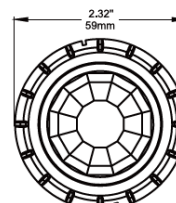
50-BRI-SENSOR | Digital Hybrid Sensor: Occupancy and Photocell - Indoor and Outdoor Rated



L3 Lens



L4 Lens



50-BRI-RC | Optional Remote for Digital Hybrid Sensor



Accessories (Continued)

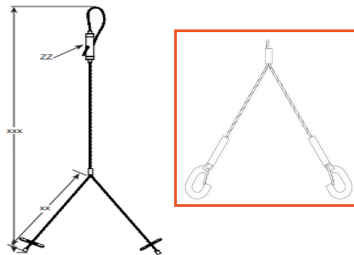
35-34

3/4" N.P.T. Myers Hub



GL-YC12-10-2PACK
GL-YC12-15-2PACK

Y-Cable Assembly



DRIVER-480V-1

480V Driver



35-10C-NP-HOOK
35-15C-NP-HOOK

High Bay Hook Assembly



High Bay Uplight

· SKU: 3C-3-T5-5K-Uplight

High Bay Emergency Backup

· SKU: 50-LEM05-BB

Reduced Glare Lens

· SKU: HBSB-RGL

Custom Powdercoating

· SKU: POWDERCOAT