68C-SB-6P-168-9-110

Hennessy II Series Shoebox Luminaire



Hand Crafted with Pride in The United States of America

479 Watt 110° Solid State Shoebox

Specifications - Light Output

Total Lumen Output: INITIAL: 84.271 lm DELIVERED: 74.223 Im Kelvin Temp: 5000K Max. Candela Power: 27,724

CRI: 72

Lighting Angle: 110°

Specifications - Electrical

Voltage Range: 120 - 277V Max. Ambient Temp: -4° to 139°F / -20 to 59°C INSITU LED Temp: Ts (TC1) 49°C Efficacy INITIAL: 175.5 lm/W 120 V Voltage: Frequency: 60.0 Hz Current: 4.009 A 480 W Power: **Drive Current:** 870 mA Power Factor: 1.0 Efficacy DELIVERED: 154.7 lm/W THD: 4.8 % Voltage: 277 V Frequency: 60.0 Hz Current: 1.761 469 W Power: **Drive Current:** 870 mA **Power Factor:** .96 Efficacy DELIVERED: 158.2 lm/W 6.1 %



LED Count: 168 High Power-Industry Leader - Top Tier Diodes

Dimensions: 21" L x 26-1/2" W x 7-1/4" H

Net Weight: 36.3 lbs / 16.5 kg

14G Heavy Duty Powder Coated Aluminum Housing

Polycarbonate Lensing Proprietary 110° Optics **Solid Core Circuit Boards Extruded Aluminum Heat Sink**

Patented Active Chamber Cooling Technology

Stainless Steel Hardware Mounting: Titan LED Proprietary -

2 - 3/8" Tenon Slip Knuckle Adapter included

Replaces up to 2000 Watt Metal Halide or HPS lighting Increased Safety

CC Technology PATENTED

















Options:

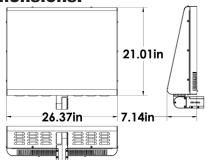
DRIVER-480V-1 (Required for 480V Installation) (2- Drivers Required for 480V installation of this Model)

50-SENSOR-PC (120 - 277V) (Photo Cell)

50-SENSOR-PC-480V # 50-MSOD-SENSOR

(Photo Cell) (Hybrid)

Dimensions:



- Ideal for illuminating Parking Lots, Walkways, Automobile Dealerships, Courts, Etc.
- Simple and Secure Installation with industry standard 2-3/8" Tenon Based Hardware
- Improved Bright White Color and Increased Light Levels Deter Crime and Vandalism

Improved Maintainability

- Lowers Cost of Ownership Pays Back Purchase Amount with Energy Savings
- Industry Leading Low LED INSITU Junction Temperature
- Heavy Gauge Powder Coated Aluminum Housing
- Environmentally Friendly, No Toxic Gasses, Chemical Free, Over 95% Recyclable
- Typically Reduces Energy Consumption 60 70% Over Metal Halide Lighting
- Noise Free, Instant On Off Operation, No Flickering, No Warm Up Time
- Industry Leader Tier One Diodes
- L-90 at Over 125,000 Rated Hours with DOE TM-21 Calculator
- Quickly Go Green and Reduce a Companies Carbon Footprint

Optional Control

Photo Cell and Motion Control Options for Title-24 Compliance Certification

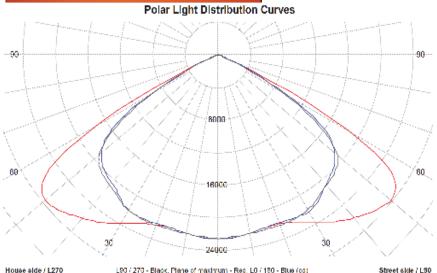
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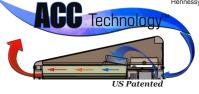


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Light Spread Information



Profile View of Titan LED's Shoebox Knuckle Included wit Hennessy Series Luminaire



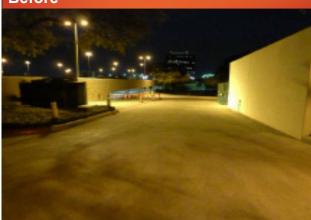
About ACC Technology Cooling

once the attached heat sink reaches its heat saturation level.

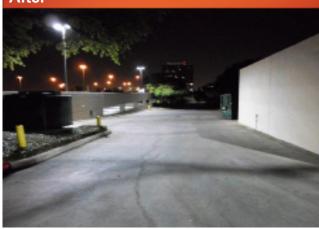


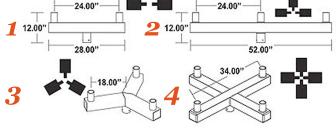


Before



After





ACC technology prevents the heat sink from reaching full saturation level, thereby

ACC 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. A high power LED generates a great deal of heat. Heat, however, has a deteriorating effect on tight emitting properties of any LED. It also reduces the amount of light an LED can produce, which is why LED lighting fixtures are brighter when they are initially lit and dim as they heat up. As a result, the fixture may lose as much as 20% of light

consistently maintaining the greatest level of light output a high power LED can produce.

Most modern high powered LED lighting fixtures use internal convection cooling

Most modern high powered LED lighting fixtures use internal convection cooling to cool their heat sinks in order to prevent an LED from burning out. This circulates air within the fixture housing basically creating a convection oven and heating up the fixture. ACC Technology divides the fixture interior into two distinct chambers; the cool chamber and the hot chamber. The cool chamber draws cool air in from outside the fixture across the LED driver helping to cool and extend the life span and efficiency of the driver. It then passes the cool air into the hot chamber through 88 thermal exchange ducts within the heat sink ensuring the core junction temperature of the LEDs are at or below the manufacturer's recommended optimal specifications for longest life, greatest efficacy and brightest light emission. 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. Our patent pending ACC Technology has set the bar very high for the most efficient LED fixture on the planet.

TITAN LED LIGHTING SOLUTIONS

www.TitanLEDus.com

2-3/8" Tenon Based Bullhorn - Shoebox Mounting Options

- 1 60-2BH- 4" 5" -6" Square or Round Options -10" Sleeve
- 2 60-3BH- 4" 5" -6" Square or Round Options -10" Sleeve
- 3 60-3BH-120 4" -5" -6" Square or Round Options -10" Sleeve
- 4 60-4BH-90 4" -5" -6" Square or Round Options -10" Sleeve

Titan LED's Universal Pole Mounting Adaptor

This proprietary adaptor adds a 2-3/8" Tenon to a 2 bolt or 4 bolt pattern - pole, allowing Titan Shoeboxes to be securely mounted to existing standard ridgid arm mounted bolt patterns or any flat weight capable suface.

SKU #60-PM-24



^{*} The above chart is For Quick Reference Only, for detailed product and SKU information please visit Titan LED's web site or call your local Titan LED representative.