62C-SB-2P-56-7-80

Hennessy Series II Shoebox Luminaire



125 Watt 80° Solid State Shoebox

Specifications - Light Output

Total Lumen Output: INITIAL: 23.062 lm

DELIVERED: 17,835 lm - Clear 80° DELIVERED: 15,159 lm - Diffusion 120°

Kelvin Temp: 5000K Candela Power: 13,983

CRI: 73

Lighting Angle: 80° or Diffusion 120°

Specifications - Electrical

120 - 277V Voltage Range: Max. Ambient Temp: -4° to 139°F / -20 to 59°C Efficacy INITIAL 184.5 lm/W Voltage 120 V 60.0 Hz Frequency Current 1.058 A 126 W Power **Drive Current** 700 mA **Power Factor** .99 **Efficacy DELIVERED** 141.2 lm/W THD 6.4 % Voltage 277 V 60.0 Hz Frequency Current 0.471 A 124 W Power 700 mA **Drive Current Power Factor** .95 **Efficacy DELIVERED** 143.8 lm/W 4.9 %



LED Count: 56 High Power-

Industry Leader - Top Tier Diodes Dimensions: 16 5/8" L x 16 1/8" W x 7 1/4" H

Net Weight: 19.45 lbs / 8.82 kg

14G Heavy Duty Aluminum Housing

Polycarbonate Flame Retardant Lensing

Proprietary 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 Knuckle Adapter included



Additional Model SKU

#62D-SB-2P-56-7-120

Options:

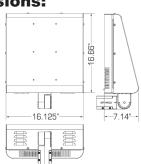
DRIVER-480V-1 (Required for 480V Installation)

50-SENSOR-PC (120 - 277V) (Photo Cell) # 50-SENSOR-PC-480V (Photo Cell)

50-MSOD-SENSOR

(Hybrid)

Dimensions:





















Increased Safety

- Ideal for illuminating Parking Lots, Walkways, Outdoor Recreational Areas, 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 Insituation Junction Temperature
- Heavy Gauge Powder Coated Decorative 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-70 at Over 155,000 Rated Hours with DOE TM-21 Calculator
- Quickly Go Green and Reduce a Company's Carbon Footprint

Optional Control

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

62C-SB-2P-56-7-80

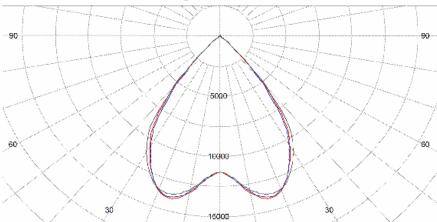
Hennessy Series II Shoebox Luminaire



Hand Crafted with Pride in The United States of America

Light Spread Information

Polar Light Distribution Curves



House side / L270

L90 / 270 - Black, Plane of maximum - Red, LC / 180 - Blue (cd)

Street side / L90



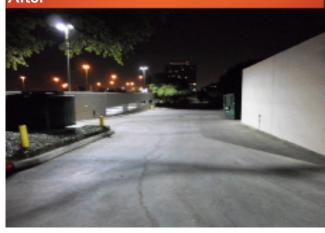




Before



After



About ACC Technology Cooling

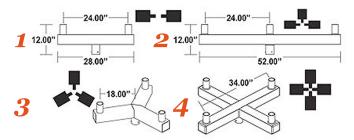
Technology

US Patented Technology

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 the light 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 once the attached heat sink reaches its heat saturation level.

ACC technology prevents the heat sink from reaching full saturation level, thereby 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 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 28 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.



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

* 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.



www.TitanledUS.com