Model #

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

Hennessy II Series Shoebox Luminaire

TITAN LED
LIGHTING SOLUTIONS

125 Watt Shoebox

HAND CRAFTED IN AMERICA

Specifications - Light Output

Total Lumen Output:
17,835 lm (5000K 80° Clear)
15,159 lm (5000K Diffusion Wide Angle)
Candela Power: 13,983.5
CRI: 73
Lighting Angle:
80° or Diffusion Wide Angle

Specifications - Electrical

Voltage Range:	120 - 277V
Voltage	**120 V**
Frequency	60.0 Hz
Current	1.058 A
Power	126 W
Drive Current	800 mA
Power Factor	.99
Efficacy	141.2 lm/W
THD	6.4 %
Voltage	**277 V**
Frequency	60.0 Hz
Current	0.471 A
Power	124 W
Drve Current	800 mA
Power Factor	.95
Efficacy	143.8 lm/W
THD	4.9 %

Specifications - Mechanical

LED Count: 56 High Power-
Luxeon LUMILEDS Tier One Diodes
Max. Ambient Peak Temerature: -40° to 149°F / -40 to 65°C
Dimensions: 16 5/8" L x 16 1/8" W x 7 1/4" H
Net Weight: 17.65 lbs / 8.0 kg
18G Heavy Duty Aluminum Housing
Polycarbonate Flame Retardant Lensing
Proprietary Optics
Solid Core Circuit Boards
Extruded Aluminum Heat Sink
Active Chamber Cooling Technology
Stainless Steel Hardware
Mounting: Titan LED Proprietary -
2 - 3/8" Tenon Knuckle Adapter included
Replaces up to 400 Watt Metal Halide or HPS lighting

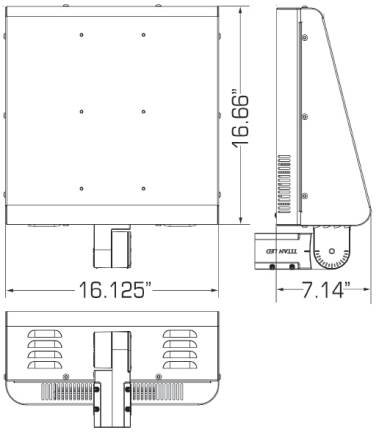
Additional Model SKU

#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:



ACC Technology™
PATENT PUBLISHED

155,000
RATED HOURS

INDUSTRY-LEADING 7-YEAR WARRANTY

DLC QPL DLC LISTED ™

c UL us LISTED E472719

TITLE 24 COMPLIANT

POWDER TOUGH COATED

Wet Location

STAINLESS STEEL HARDWARE PREMIUM QUALITY

Lit by LUMILEDS

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 Detour 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
- Luxeon LUMILEDS Tier One Diodes
- L-70 at Over 155,000 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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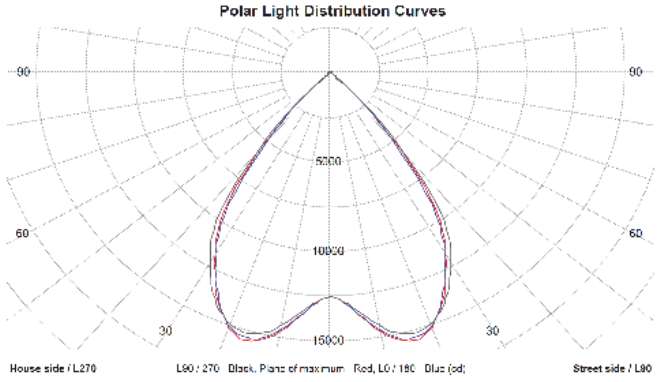
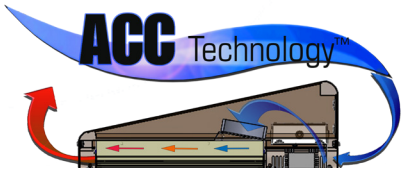
Light Spread Information



Percentage Outputs

	Upward	Downward	Total
Street Side	0.0 %	50.0 %	50.0 %
House Side	0.0 %	50.0 %	50.0 %
	0.0 %	100.0 %	100.0 %

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



US Patent Published

About ACC Technology Cooling

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.

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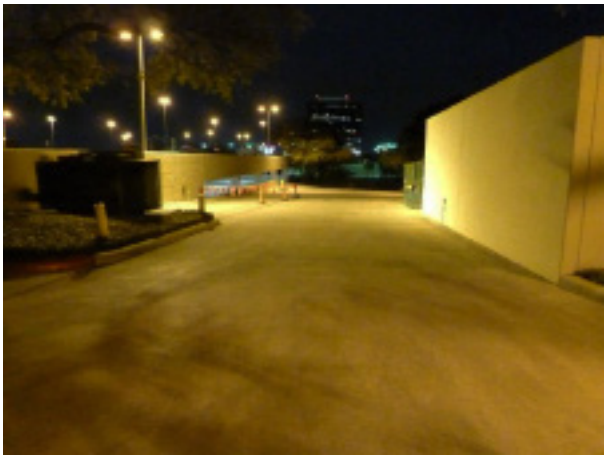
LIGHTING SOLUTIONS

www.TitanLEDusa.net

Before



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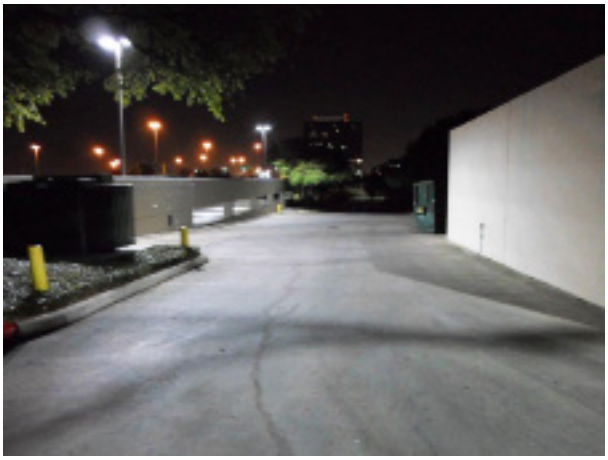

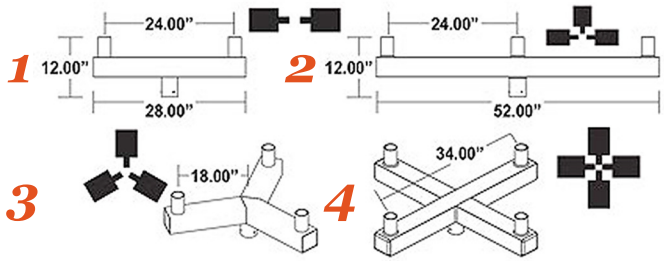

2-3/8" Tenon Based Bullhorn - Shoebox Mounting Options

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.*