

Model #

6C-MPSB-168-75-5K-W

Silver Series Shoebox Luminaire



TITAN LED LIGHTING SOLUTIONS

114 Watt 90° Shoebox

HAND CRAFTED IN AMERICA



Specifications - Light Output

Total Lumen Output:
INITIAL: 16,530 lm
DELIVERED: 14,940 lm
Kelvin Temp: 5000K
Max. Candela Power: 8,586
CRI: 82
Lighting Angle: 90°
BUG Rating: B4-U2-G1

Specifications - Electrical

Voltage Range: 120 - 277V
Max. Ambient Temp: -4° to 139°F / -20 to 59°C
Efficacy INITIAL: 190.4 lm/W
Voltage: 120 V
Frequency: 60.0 Hz
Current: 0.952 A
Power: 114 W
Drive Current: 750 mA
Power Factor: 1.0
Efficacy DELIVERED: 131.1 lm/W
THD: 3.7 %
Voltage: 277 V
Frequency: 60.0 Hz
Current: 0.426 A
Power: 112 W
Drive Current: 750 mA
Power Factor: .95
Efficacy DELIVERED: 133.3 lm/W
THD: 4.7 %



Specifications - Mechanical

LED Count: 168 Medium Power-Luxeon LUMILEDS Tier One Diodes
Dimensions: 19" L x 12" W x 7.5 H
Net Weight: 12.25 lbs / 5.55 kg
14G Heavy Duty Aluminum Housing
Polycarbonate Flame Retardant Lensing
Proprietary 90° Clear Optics Optics
Solid Core Circuit Boards
Integrated Metal Heat Sink
Patented 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



100,000 RATED HOURS



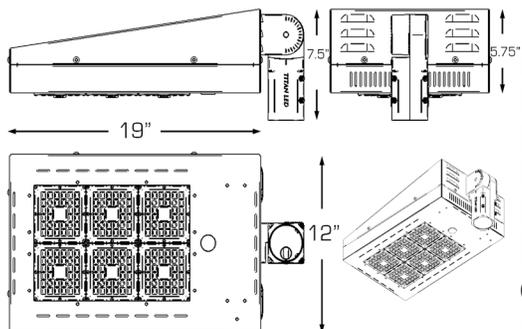
Additional Model SKU's Available

#6C-MPSB-168-75-5K-T5

Options:

- # 50-SD480V-IP66-168 (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
- Luxeon LUMILEDS Tier One Diodes
- L-70 at Over 100,000 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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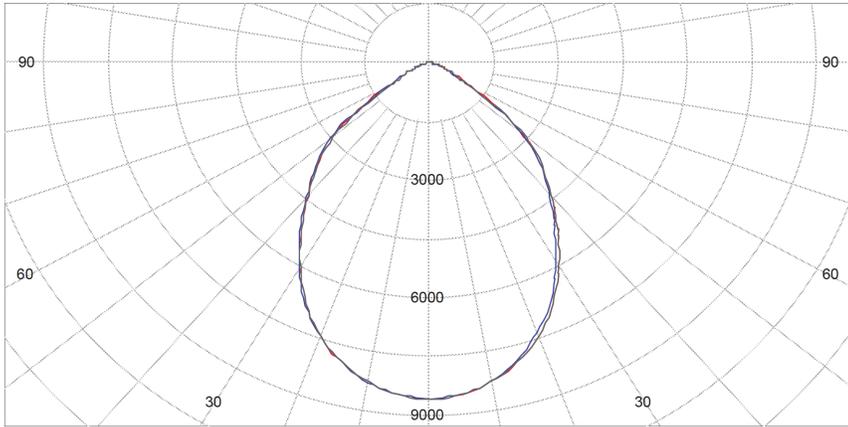
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Light Spread Information

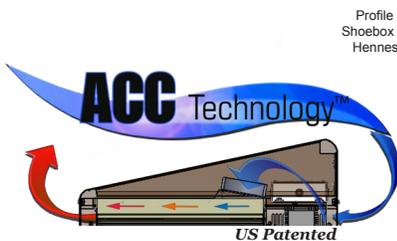
Polar Light Distribution Curves



House side / L270

L90 / 270 - Black, Plane of maximum - Red, L0 / 180 - Blue (cd)

Street side / L90



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



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.

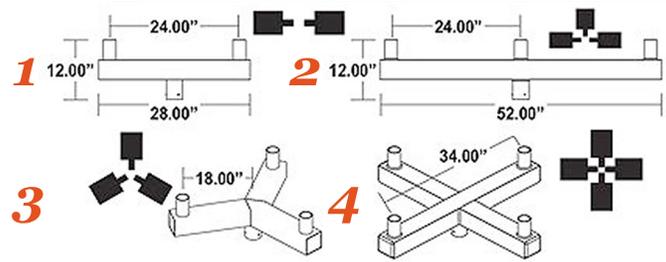
ACC technology prevents the heat sink from reaching full saturation level, thereby consistently maintaining the greatest level of light output a high power LED can produce.

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.

Before



After



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.

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 rigid arm mounted bolt patterns or any flat weight capable surface.

SKU #60-PM-24



www.TitanLEDus.com