

Specifications

HENNESSY ELITE



Description

The Hennessy Elite 1 Panel LED Area Light is the most advanced LED area light in the industry! Brighter, crisper lighting for parking lots, auto dealerships, parks and playgrounds. Longer Life Span due to patented ACC technology. Available from 100W-190W

Optics

- Lighting Beam Angles : 80°, 110°, Type III
- 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: 100W-190W
- Efficacy up to 167 lm/W
- 0-10V dimming standard for a dimming range of 100% to 0%

Mechanical

- LED Count: 28 High Power Diodes
- Industry Top Tier Diodes
- Dimensions: 17 1/2" L x 15 1/8" W x 7 1/4" H
- Net Weight: 22lbs – 10Kg
- 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
- Aluminum Die Cast Mounting Knuckle
- Mounting: 2 3/8" Tenon

Listings

UL Listed to 1598 standard for use in wet locations

Color Options

- Available in white, bronze and black

Optional Control

- Photocell and Motion Control Options



Warranty

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

Typical Applications

- ✓ Parking Lots
- ✓ Parks
- ✓ Auto Dealerships
- ✓ Playgrounds

ACC Patented Technology



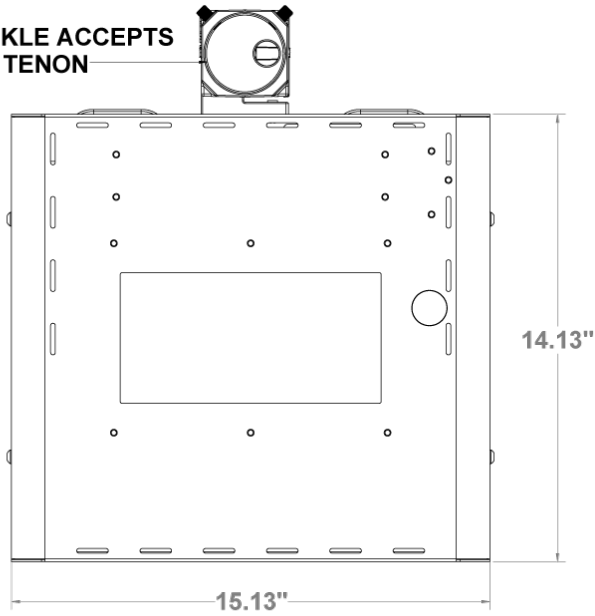
Patent No.: US 10,145,551 B2

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.

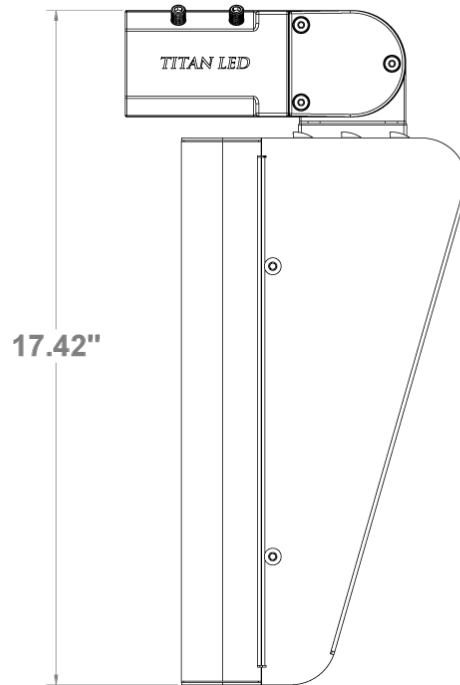
The air flow through the thermal exchange ducts has been precisely calculated to provide the highest thermal exchange rate and the lowest noise level. The air is then vented out of the fixture through exhaust ports ensuring not only the coolest running LEDs, but the coolest fixture temperature as well.

Dimensional Data

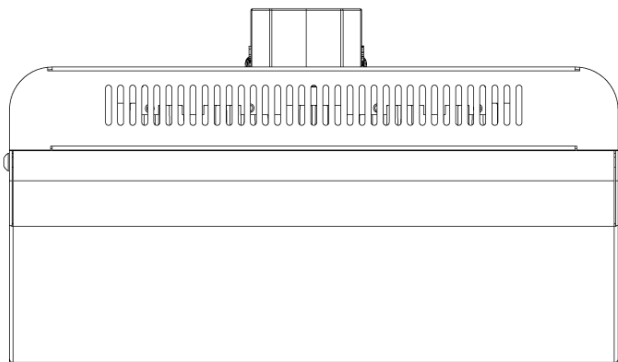
KNUCKLE ACCEPTS
2 3/8" TENON



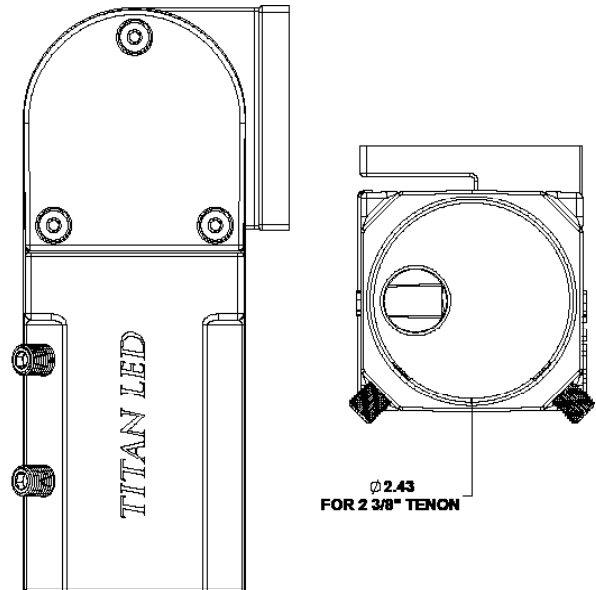
Bottom View



Side View



Back View



Knuckle/Slip Fitter

Operational Data

Operation Characteristics

SKU #	Optic Distribution	Delivered Lumens 5000K CCT, 70 CRI	Max Candela Power	ANSI Color Bining	AC Voltage	Wattage @277Vac	HID & HPS Replacement
SB-1PC-100W-80-50K	80°	17,018	10,886	3 Step Center Bin	120-277V	100	400W
SB-1PC-100W-110-50K	110°	16,277	6,853	3 Step Center Bin	120-277V	100	400W
SB-1PC-100W-T3-50K	T3	15,745	7,439	3 Step Center Bin	120-277V	100	400W
SB-1PC-125W-80-50K	80°	20,754	13,341	3 Step Center Bin	120-277V	125	500W
SB-1PC-125W-110-50K	110°	19,948	8,398	3 Step Center Bin	120-277V	125	500W
SB-1PC-125W-T3-50K	T3	19,431	9,116	3 Step Center Bin	120-277V	125	500W
SB-1PC-150W-80-50K	80°	24,733	16,009	3 Step Center Bin	120-277V	150	750W
SB-1PC-150W-110-50K	110°	23,820	10,051	3 Step Center Bin	120-277V	150	750W
SB-1PC-150W-T3-50K	T3	23,317	10,940	3 Step Center Bin	120-277V	150	750W
SB-1PC-190W-80-50K	80°	30,356	20,278	3 Step Center Bin	120-277V	190	1000W
SB-1PC-190W-110-50K	110°	29,577	12,765	3 Step Center Bin	120-277V	190	1000W
SB-1PC-190W-T3-50K	T3	29,422	13,857	3 Step Center Bin	120-277V	190	1000W

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 1P Hennesy Elite Shoebox Lights	Min -20°C, Max 60°C	96%	92.45%	88.61%	84.94%	81.41%	78.03%

Driver Options

Driver - 120TTN-140233-CCPD (100W)

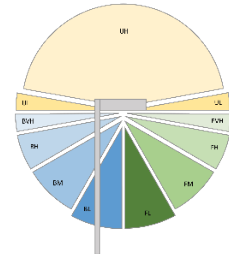
Driver - 160TTN-140233-CCPD (125, 150W)

Driver - 200TTN-140233-CCPD (190W)

Light Spread Specifications

LCS Tables and Bug Classification 80°

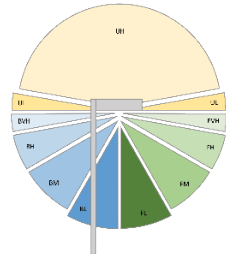
LCS Tables and Bug Classification



BUG RATINGS: B4 - U0 - G0

LCS Tables and Bug Classification 110°

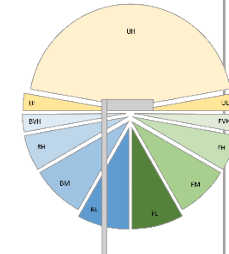
LCS Tables and Bug Classification



BUG RATINGS: B4 - U0 - G1

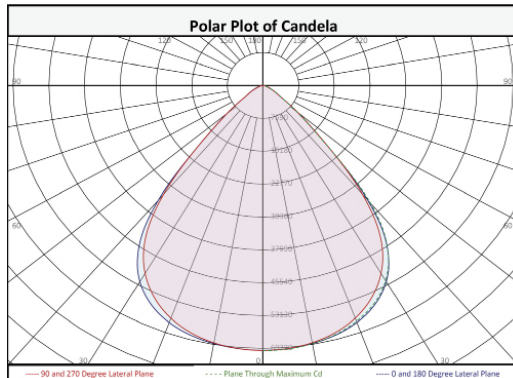
LCS Tables and Bug Classification T3

LCS Tables and Bug Classification

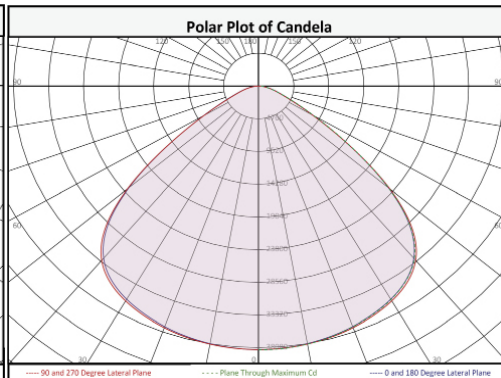


BUG RATINGS: B3 - U0 - G3

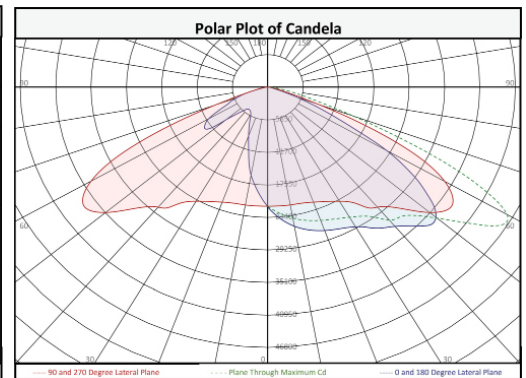
Polar Plot of Candela 80°



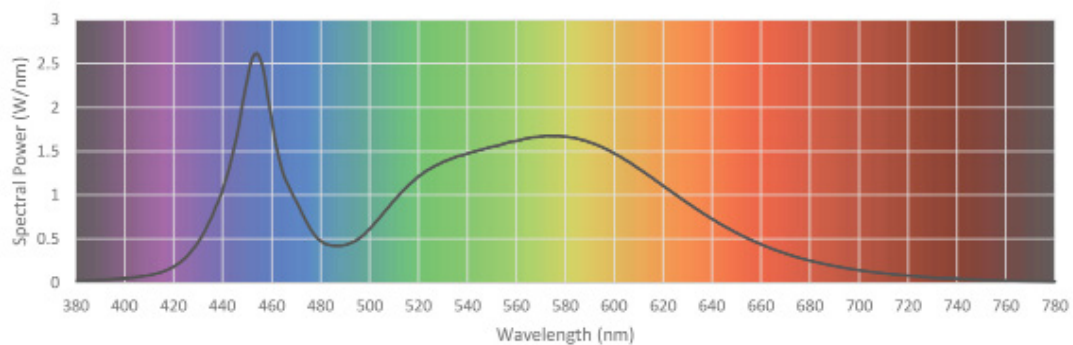
Polar Plot of Candela 110°



Polar Plot of Candela T3



Spectrum



Hennessy Elite 1 Panel LED Shoebox Light Product SKU Options

SKU	DESCRIPTION	LUMENS	EFFICACY	WARRANTY	RATED HOURS	IES FILE*
SB-1PC-100W-80-50K	1-Panel 100W 80° Shoebox	17,018	168.0 lm/W	7 Year	150,000	IES
SB-1PC-100W-110-50K	1-Panel 100W 110° Shoebox	16,277	161.2 lm/W	7 Year	150,000	IES
SB-1PC-100W-T3-50K	1-Panel 100W T3 Shoebox	15,745	156.0 lm/W	7 Year	150,000	IES
SB-1PC-125W-80-50K	1-Panel 125W 80° Shoebox	20,754	166.0 lm/W	7 Year	150,000	IES
SB-1PC-125W-110-50K	1-Panel 125W 110° Shoebox	19,948	159.6 lm/W	7 Year	150,000	IES
SB-1PC-125W-T3-50K	1-Panel 125W T3 Shoebox	19,431	155.4 lm/W	7 Year	150,000	IES
SB-1PC-150W-80-50K	1-Panel 150W 80° Shoebox	24,733	164.9 lm/W	7 Year	150,000	IES
SB-1PC-150W-110-50K	1-Panel 150W 110° Shoebox	23,820	158.8 lm/W	7 Year	150,000	IES
SB-1PC-150W-T3-50K	1-Panel 150W T3 Shoebox	23,317	155.4 lm/W	7 Year	150,000	IES
SB-1PC-190W-80-50K	1-Panel 190W 80° Shoebox	30,356	160.3 lm/W	7 Year	150,000	IES
SB-1PC-190W-110-50K	1-Panel 190W 110° Shoebox	29,577	155.7 lm/W	7 Year	150,000	IES
SB-1PC-190W-T3-50K	1-Panel 190W T3 Shoebox	29,422	154.9 lm/W	7 Year	150,000	IES

*View IES Files online at TitanLEDUS.com

Accessories

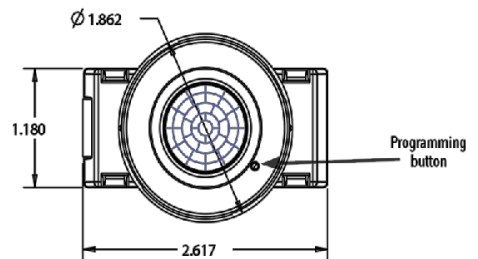
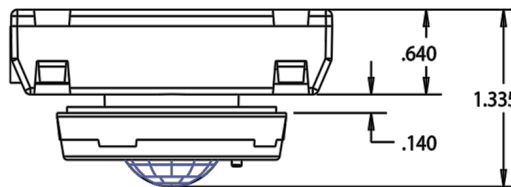
Sensors

50-MSOD-SENSOR | MSOD Outdoor Embedded 360° Motion Sensor | Photocell (HYBRID)

[View Full Spec Sheet](#)

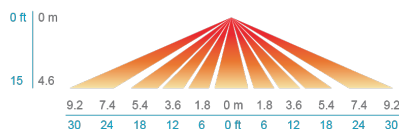


Low Bay 360° Lens - MSOD 7

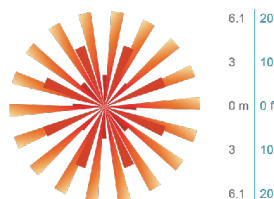


Universal 360° Lens - MSOD 30

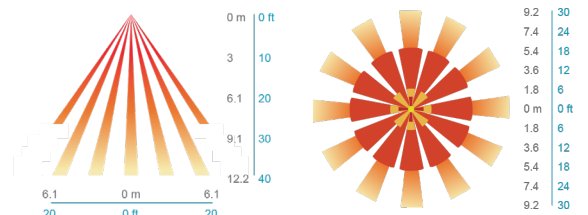
HIGH VIEW



TOP VIEW

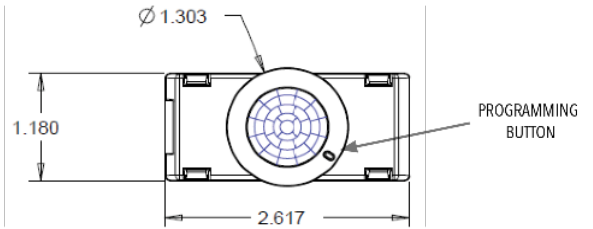
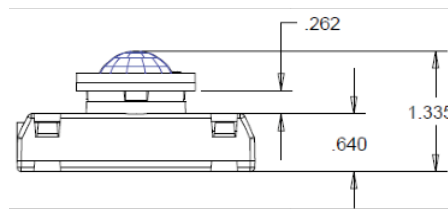


SIDE VIEW

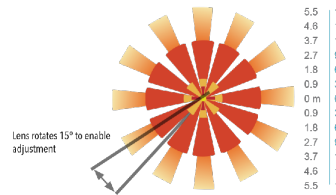


50-MSDOCC-SENSOR | MSD Series Indoor Micro Sensor | Motion Only

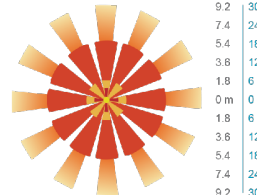
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9 FT MOUNTING

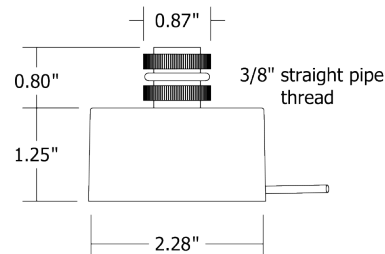


15 FT MOUNTING



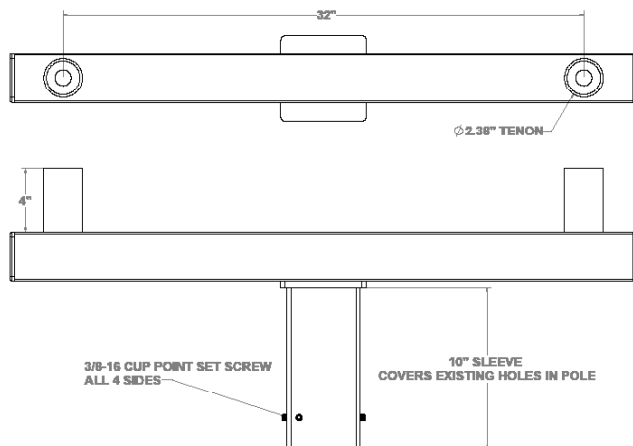
50-SENSOR-PC | DBE Series Electronic Wire-In Photocontrol

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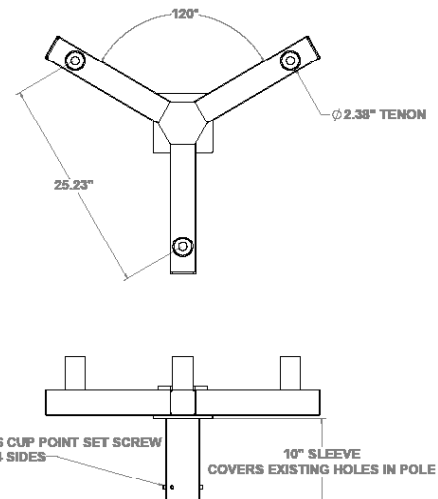


Bullhorns and Adaptors

60-2BH-4SQ

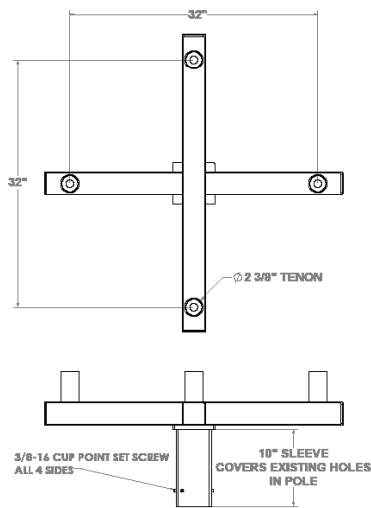


60-3BH-4SQ-120

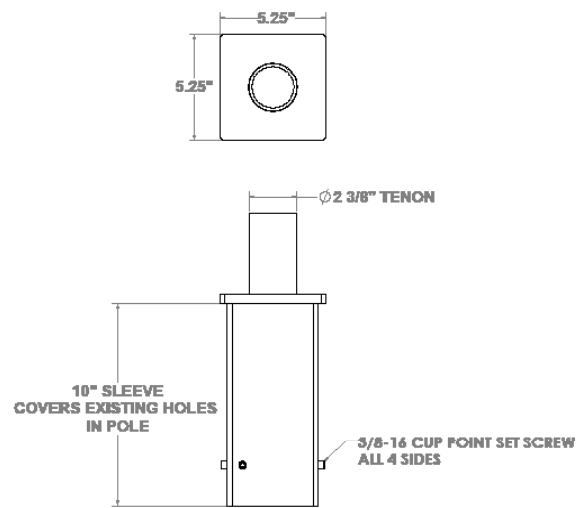


Bullhorns and Adaptors (Continued)

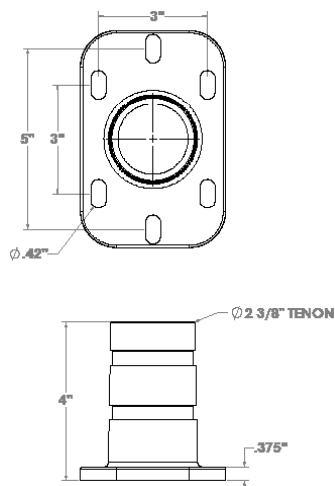
60-4BH-4SQ-90



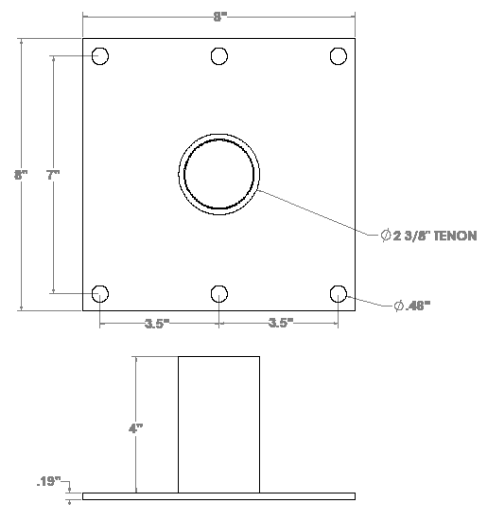
60-4SQ-PA



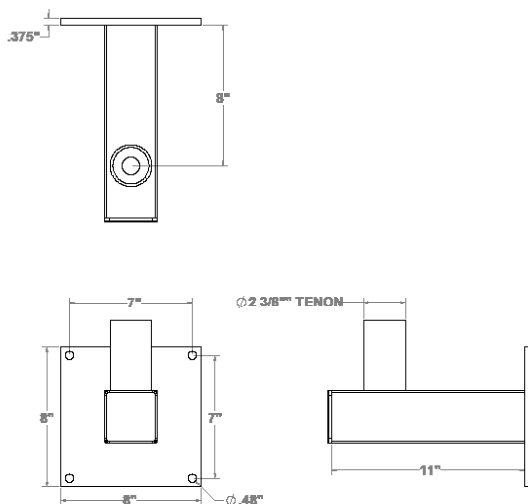
60-PM-24



60-WM



60-WM-11



60-WM-2BH

