TAHOE™
LED UFO High Bay

Beyond LED's New TAHOE LED UFO High-Bay is the newest and most feature rich product of 2024. TAHOE LED UFO High-Bay fixture offers 150 Lumens per Watt for maximum savings and rebates. The TAHOE LED UFO High-Bay is built to last with surge protection, -40ºC to 45ºC ambient temperature rating and IP65 rating for elimination of dust, moisture and airborne contaminants. The unique easy connect driver to optical assembly interface allows for quick and easy maintenance. Applications including warehousing, gymnasiums, manufacturing and outdoor canopies. Our TAHOE High Bay is fully ready to integrate with most smart control systems.

Product Features

- Up to 150 Lumens per watt
- Wattage Adj: 200W/240W/300W
- CCT Adj: 4000K/5000K/5700K
- Input Voltage120-277Vac
- 1 Pin Motion Sensor + Cap
- Optional emergency backup

- Beam Angle 90º Degree
- Up to 6KV surge protector
- G Hook Mount Included
- IP65 Rated
- UL & DLC listed
- 5 Year warranty

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SKU #	Model #	Wattage Adjustable	Lumens	CCT Adjustable	Housing Color	Dimming	Input Voltage	Certifications
156832	HB08-300L-CSM-3CCT	200W/240W/300W	45000Lm	4000K/5000K/5700K	Black	0-10V	120-277Vac	UL & DLC

SKU: 156832 — Specifications

Parameter	Description	Value
General Performance	Model #	HB08-300L-CSM-3CCT
	Wattage Adjustable	200W / 240W / 300W
	Lumens	Up to 45000LM
	Lumen Efficacy	Up to 150LM/W
	Color Temperature	4000K / 5000K / 5700K
	CRI (Ra)	>80
	Beam Angle	90° Degree
Electrical	Diffuser Type	PC Diffuser
	Input Voltage	120-277Vac
	Frequency	50/60Hz
	THD	<20%
	Dimming	0-10V
	Power Factor	0.95
Physical	Driver Surge Protection	L/N 6KV, L/N-P 6KV
	Flicker Percent	
	Operating Temperature	-40°C - 45°C
	LED Brand	
	LED Type	SMD2835
	LED QTY	
Qualification	Housing	ADC12 Aluminum Die Casting
	Housing Color	Black
	IP Rating	IP65
	Warranty	5 Year

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Correlated Color Temperature (CCT)

5700K ► COOL WHITE

5000K ►

4000K ► NATURAL WHITE

WARM WHITE

Dimensions

6.4"

4.7"

2.3"

13.1"

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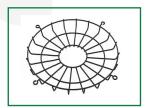LED UFO HIGH BAY

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Mounting Included

Ceiling with
G Hook

Optional Accessories

Wire Guard

PC Reflector

Aluminum Reflector

Safe Rope

Haisen Microwave
Motion Sensor

Sharkward PIR
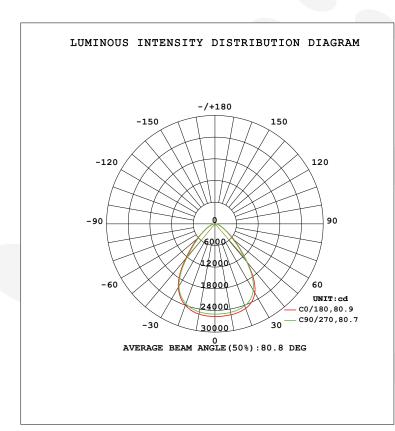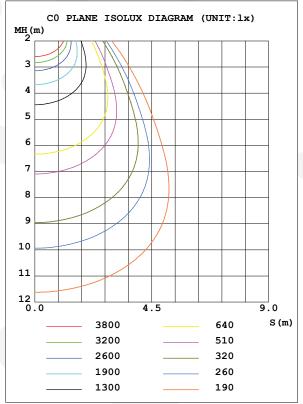Motion Sensor

Haisen Controller

Emergency Driver

Sharkward Microwave
Motion Sensor

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Photometric Data

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150   150
-120   120
-90   90
0
6000
12000
18000
24000
30000
-60   60
-30   30
0

UNIT:cd
— C0/180,80.9
— C90/270,80.7

AVERAGE BEAM ANGLE(50%):80.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)
MH(m)
2
3
4
5
6
7
8
9
10
11
12
0.0   4.5   9.0
S(m)

— 3800	— 640	
— 3200	— 510	
— 2600	— 320	
— 1900	— 260	
— 1300	— 190	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-3-14

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
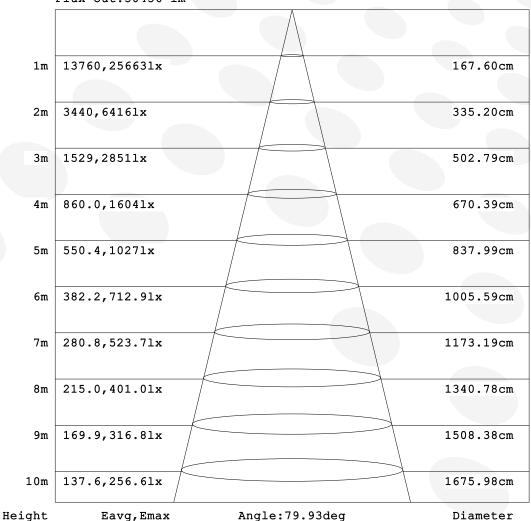Humidity:65.0%
Test Distance:9.600m [K=1.0000]
Remarks:

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Photometric Data

Flux out:30436 lm

Height	Eavg,Emax		Diameter
1m	13760,25663lx		167.60cm
2m	3440,6416lx		335.20cm
3m	1529,2851lx		502.79cm
4m	860.0,1604lx		670.39cm
5m	550.4,1027lx		837.99cm
6m	382.2,712.9lx		1005.59cm
7m	280.8,523.7lx		1173.19cm
8m	215.0,401.0lx		1340.78cm
9m	169.9,316.8lx		1508.38cm
10m	137.6,256.6lx	Angle:79.93deg	1675.98cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-3-14

 Range: 0 - 180DEG
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Remarks:

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Installation

Safety Instruction:

- READ CAREFULLY BEFORE INSTALLING FIXTURE.
- PLEASE KEEP THIS MANUAL FOR FUTURE USING.
- FIXTURES MUST BE WIRED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
- PROPER GROUNDING IS REQUIRED FOR SAFETY.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICATION CODE BY A PERSON. FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
- MAKE CERTAIN POWER OFF BEFORE INSTALLING OR MAINTAINING FIXTURE.
- CHECK IF VOLTAGE IS COMPATIBLE WITH FIXTURE DRIVER.
- PLEASE USING APPROVED CONNECTORS.

Safety Instruction:

1. Review the below picture before beginning, and make sure the fixture is grounded properly.
2. For lighting controls, using functioning correctly.
3. Turn the power off and wait for fixture cooling to operate.
4. Maintenance must be done by professionals.

Wire Connection

1. Universal voltage driver permits operation at 120V-277V, 50/60Hz.
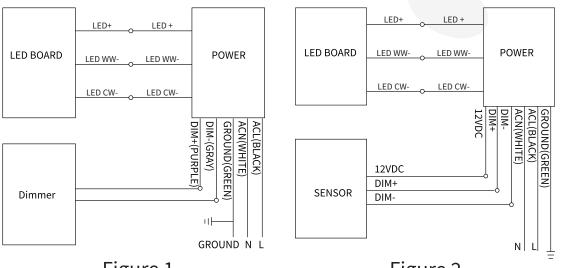2. Universal voltage driver permits operation at 120V-277V, 50/60Hz with dimming microwave motion sensor.
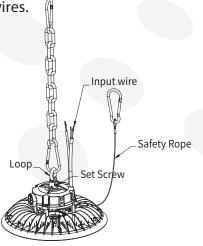

Figure 1

Figure 2

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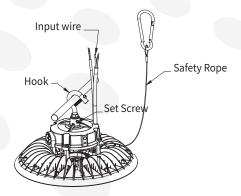
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Installation

Ceiling with Loop

1. Fix the luminaire with a chain to the ceiling.
2. Use the buckles to fix safety rope with the body and loop.
3. Connect the wires.

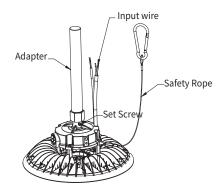Input wire
Safety Rope
Loop
Set Screw

Ceiling with Hook

1. Unscrew the hook, fix the luminaire to the installation holders and screw the hook tightly.
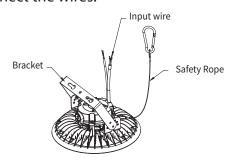2. Use the buckles to fix the safety rope with the body and hook.
3. Connect the wires

Input wire
Hook
Safety Rope
Set Screw

Ceiling with Loop

1. Fix the luminaire with bar and tighten the pole with an anti-skid screw.
2. Use the buckles to fix the safety rope with the lamp body and ceiling.
3. Connect the wires.

Input wire
Adapter
Safety Rope
Set Screw

Ceiling with Hook

1. Trepan the installation holes as the size of the following figure.
2. Use screws to tighten the luminaire. The holder can be adjusted from 60D to 120D.
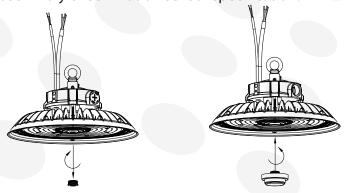3. Use the buckles to fix the safety rope with the body and loop.
4. Connect the wires.

Input wire
Bracket
Safety Rope

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Installation

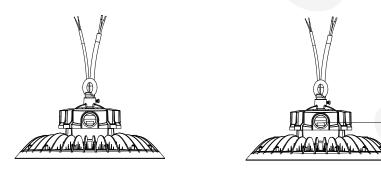### Motion Sensor Optional (Sold Separately)

1. Take out waterproof cap.
2. Screw-in motion sensor.
   INote:Turn off power before you oprating
   The more details please kindly check motion sensor specification.

Adjusting power and color temperature

1. Flip the color temperature switch to the desired color temperature.
2. Flip the power switch to the desired wattageas shown in the figure.

Warranty

LIMITED FIVE-YEAR WARRANTY.
Should this product fail to perform satisfactorily due to a defect or poor workmanship within five years from the date of purchase, return it to the place of purchase and it will be replaced free of charge. Incidental or consequential damages are excluded from the warranty.
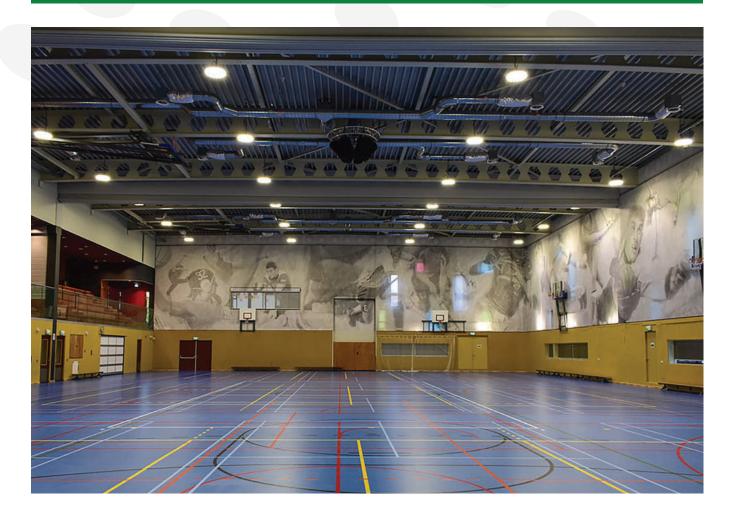
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Packaging

SKU #.	Dimenstion	Qty.	Gross Weight	Net Weight
156832	15.23 x 15.23 x 6.29	1 Pc/Box	6.92 LBS	6.26 LBS

Application Image

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Application Image

Warranty

5 Year Warranty

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