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Project Name
Product Code
SKU No.
Memo
Data

HORIZON LED TROFFER

PRODUCT DESCRIPTION

This Horizon troffer features a compact yet sturdy aluminum construction designed to blend into modern architectural spaces. Featuring a low profile form factor, it is ideal for buildings with a low plenum space and is suitable for all standard 2x2, 1X4 or 2x4 grid ceilings. This creates a soft and comfortable lighting experience for commercial and institutional spaces.

FEATURE

- Uniform and soft illumination
- 3500K,4000K and 5000K selectable
- Wattage selectable, up to 120lm/W
- Sensor and emergency battery back-up available

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 50/60Hz
- 0-10V Dimmable
- Minimum Ambient -4˚F, maximum 104˚F
- Power Factor: > 0.9 at 120V
- Total Harmonic Distortion: < 20% at 120V

PERFORMANCE

CRI

80

CCT

3500K、4000K、5000K

Dimming

0-10V Dimming

Projected Lifetime

L70 - 100,000 Hours

Working Temperature

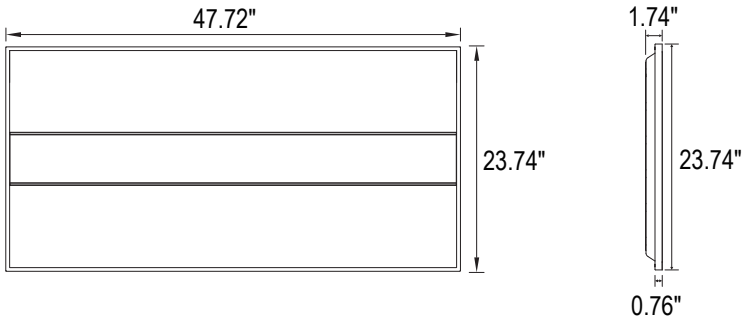
-4-104˚F (-20-40˚C)

Certifications

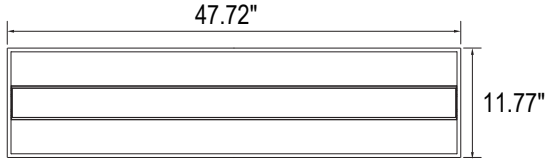
- **cUL Listed**
- **Suitable for damp locations**
- **RoHs compliant**

SPECIFICATION

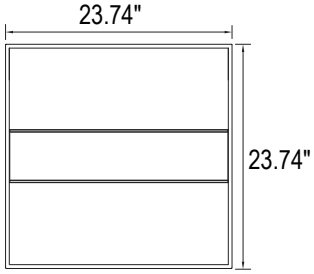
2X4



1X4



2X2



1135 Thomas Busch Highway,
Pennsauken, NJ 08110

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Ordering Information

Example: HOTR-22D-35SP-SW1

Name	Size	Dimmable	Watts	CCT	Voltage	Control
HOTR	**22**-2x2 FT	**D** - 0-10V Dimmable	**35SP** - 35W/30W/25W[1] Selectable	**SW** - 3500K4000K 5000K Selectable[3]	**1** - 120-277V	**Blank** - None **SRP** - Sensor Receptacle[4]
	14-1x4 FT		**35SP** - 35W/30W/25W[1] Selectable			
	24-2x4 FT		**50SP** - 30W/40W/50W[1] Selectable			

Notice:

1. 35W is default setting for 35SP.
2. 50W is default setting for 50SP.
3. 4000K is default setting.
4. Fixture with Sensor Receptacle requires long lead time. The Bluetooth PIR sensor need to be ordered separately and field installed. It is for mounting height of 15ft Max.

* White finish is standard. Custom color is available at additional charge. Consult customer service for additional information.

Accessories (Ordered separately)

BMS-L108-PIR-DC-BLE-KL-AUX-D1

Bluetooth PIR Motion Sensor

EBU-H08170

8W Emergency Battery
Back-up for MAX.60W fixture

Notes: Emergency battery back-up is for ambient temperatures of 32˚F -95˚F (0 ˚C -35˚C).

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Dimension	Wattage Adjustable	Lumen Output			Efficacy	CCT Adjustable
		High	Medium	Low		
2'x2'	35W/30W/25W	3850lm	3300lm	2750lm	Up to 110lm/w	3500K/4000K/5000K
1'x4'	35W/30W/25W	3850lm	3300lm	2750lm	Up to 110lm/w	3500K/4000K/5000K
2'x4'	50W/40W/30W	5500lm	4400lm	3300lm	Up to 110lm/w	3500K/4000K/5000K

All efficacy is ±5% base on different CCT and wattage. Check the IES file to gain the accurate data .

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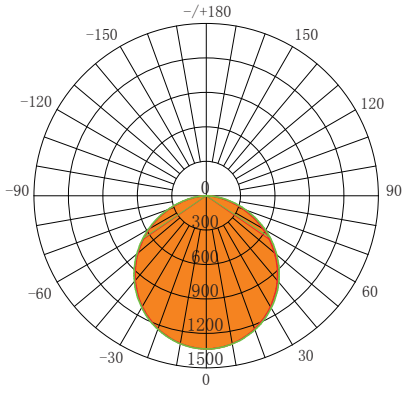
PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

2x2

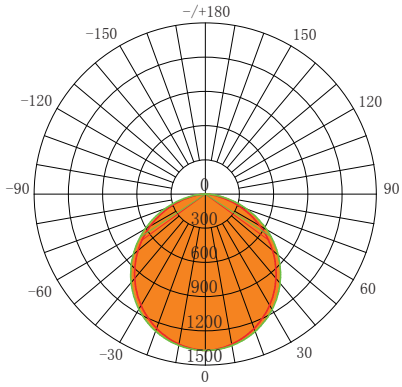


AVERAGE BEAM ANGLE(50%): 111.7 °

Lumens: 3747.4 Lm
Watts: 33.80 W
LPW: 110.86 Lm/W
CCT: 3500K

UNIT: cd
— C0/180,110.8°
— C30/270,112.6°

1x4

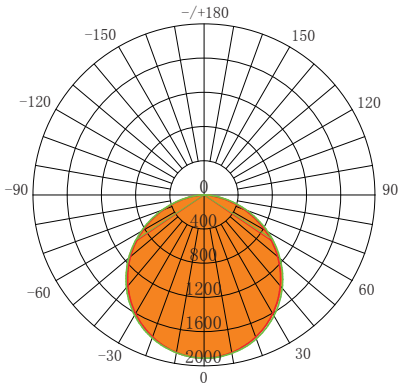


AVERAGE BEAM ANGLE(50%): 110.8°

Lumens: 3786.8 Lm
Watts: 33.72 W
LPW: 112.30 Lm/W
CCT: 3500K

UNIT : cd
— C0/180,108.0°
— C30/270,113.7°

2x4



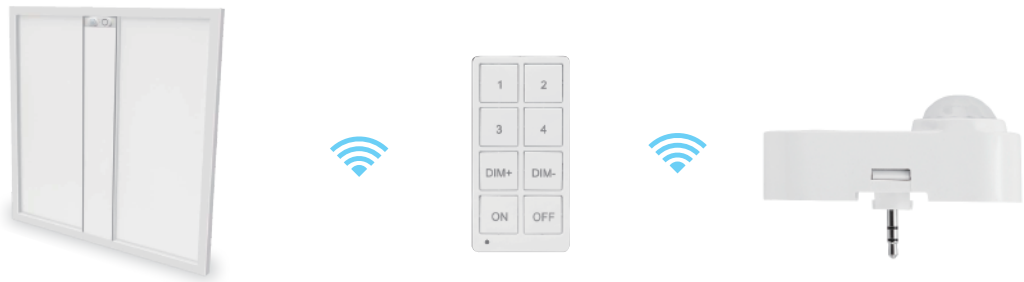
AVERAGE BEAM ANGLE(50%): 112.5°

Lumens: 5425.2 Lm
Watts: 48.74 W
LPW: 111.32 Lm/W
CCT: 3500K

UNIT : cd
— C0/180,111.5°
— C30/270,113.6°

BLUETOOTH PIR MOTION SENSOR

Model No.	Description
BMS-L108-PIR-DC-BLE-KL-AUX-D1	Wireless Bluetooth PIR occupancy sensor with daylight harvesting capability.



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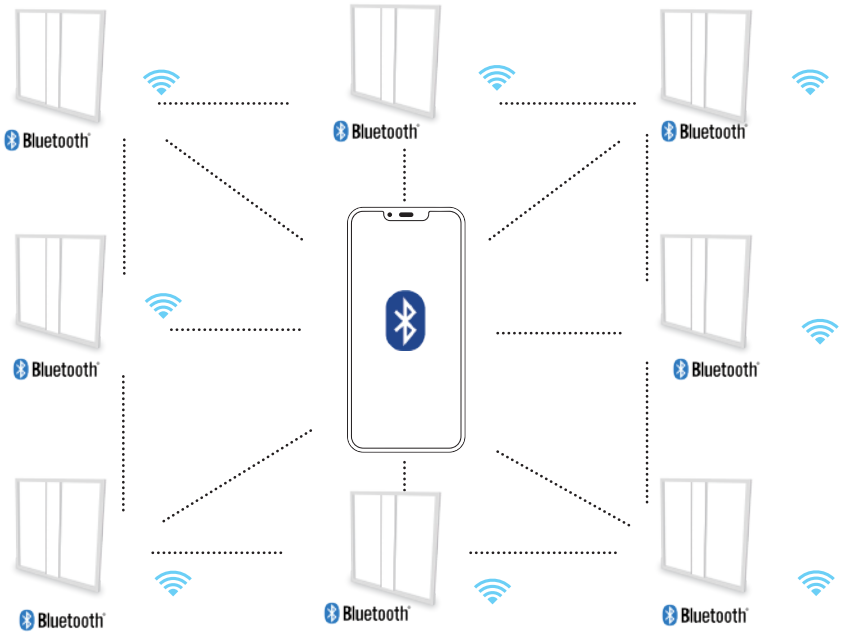
Bluetooth Mesh Control



Wireless Switch

Notes: Central gateway is not required for lighting control operation with occupancy sensor BMS-L108-PIR-DC-BLE-KL-AUX-D1.

Wireless Switch Options

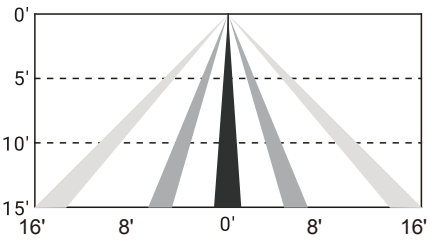
BMWS-L-D-1-3BT-BLE-KL-WH

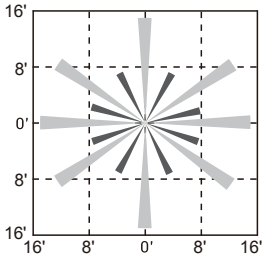
BMWS-L-D-5BT-BLE-KL-WH

BMWS-L-D-1-7BT-BLE-KL-WH

BMWS-L-D-8BT-BLE-KL-WH

Detection Area





Max. Mounting Height 15ft

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Warranty

Five year limited warranty.

Specifications subject to change without notice.

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