



SELECTABLE LED TROFFER Sensor Based



PRODUCT DESCRIPTION

The selectable sensor based troffer comes in 2'x2', 2'x4' and 1'x4' configurations. Sensor receptacle is pre-installed on the fixture for easy plug and play installation of a wireless occupancy sensor. Ideal for standard T-bar and narrow grid drop ceiling to replace fluorescent troffers in offices, supermarkets, schools and other indoor applications.

FEATURE

- Color temperature selectable
- Wattage selectable
- Occupancy sensor ready
- Emergency back up optional

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 50/60Hz
- 0-10V Dimmable
- Minimum Ambient -4°F, maximum 104°F
- Power Factor: > 0.98 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

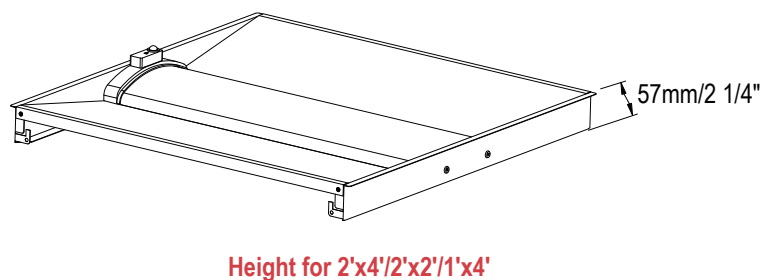
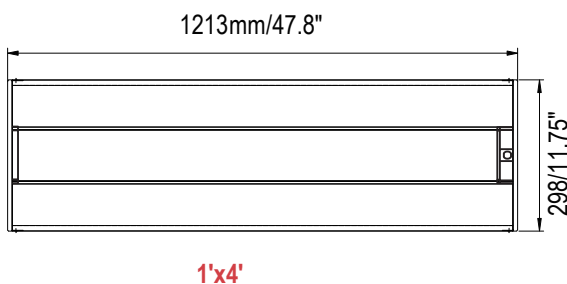
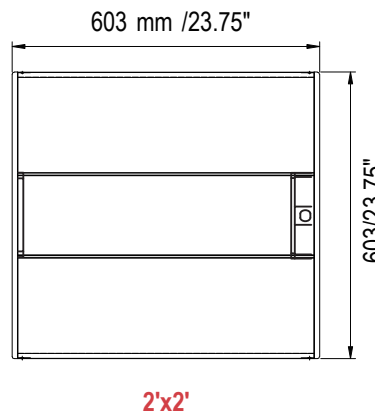
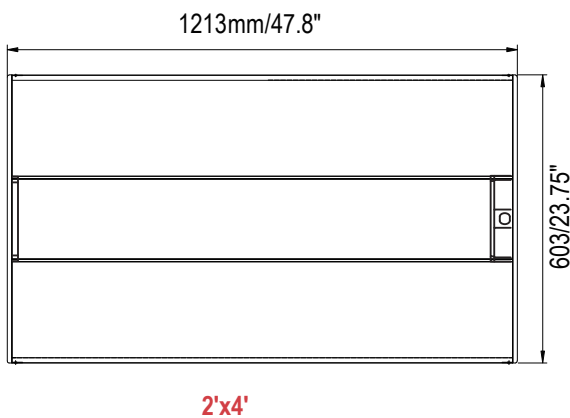
Working Temperature

-4-104°F (-20-40°C)

Certifications

- cULus Listed
- Suitable for damp locations
- RoHS compliant

SPECIFICATION



Ordering Information

Example: TRSB-24D-SP1-SW1

Name	.Size	Dimmable	. Watts	. CCT	Voltage	.Control	.Finish
TRSB	22-2x2 FT	D - 0-10V Dimmable	SP1 - Selectable Power 20W/25W/30W ¹	SW - Selectable White 3500K/4000K/5000K ³	1- 120-277V	Blank- With Sensor Receptacle	Blank-White
	14-1x4 FT		SP1 - Selectable Power 20W/25W/30W ¹			EBU-Emergency Battery Backup ⁴	
	24-2x4 FT		SP1 - Selectable Power 34W38W/45W ²				

Notice:

- 30W is default setting. Other wattages can be set in the field.
- 45W is default setting. Other wattages can be set in the field.
- 4000K is default setting. CCT can be adjusted in the field.
- Emergency battery backup is available in 8W with 1100lm and works for a minimum of ninety (90) minutes. Emergency battery back-up is installed at the back of the housing. For ambient temperatures of 32°F -95°F (0 °C -35°C).

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

Accessories (Ordered separately)



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

BLUETOOTH Economic PIR Motion sensor



BMS-S1P-PIR-DC1-PPM

Standalone PIR Motion Sensor



AAL-RC-100

Remote control for the PIR sensor only



2'x2' Surface Mount Kits



2'x4' Surface Mount Kits



1'x4' Surface Mount Kits

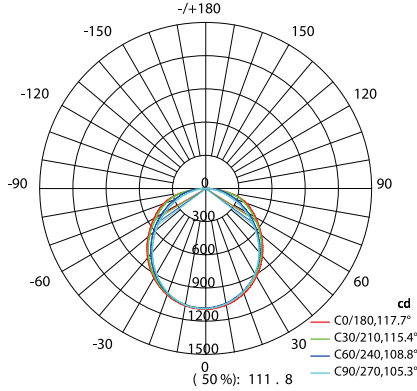
Notes

* Factory default setting for Standby PIR sensor : 100% sensitivity, Time out period: 5min, Daylight sensor is disable, Unoccupied dimming level is 30%, Dimming time before off: 60 minutes. PIR sensor is for mounting height of 12ft (4m) max. Other settings can be set by the remote control AAL-RC-100.

* BlueMesh NLC APP. Refer to last page.

PHOTOMETRY

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



PERFORMANCE DATA

LUMEN OUTPUT

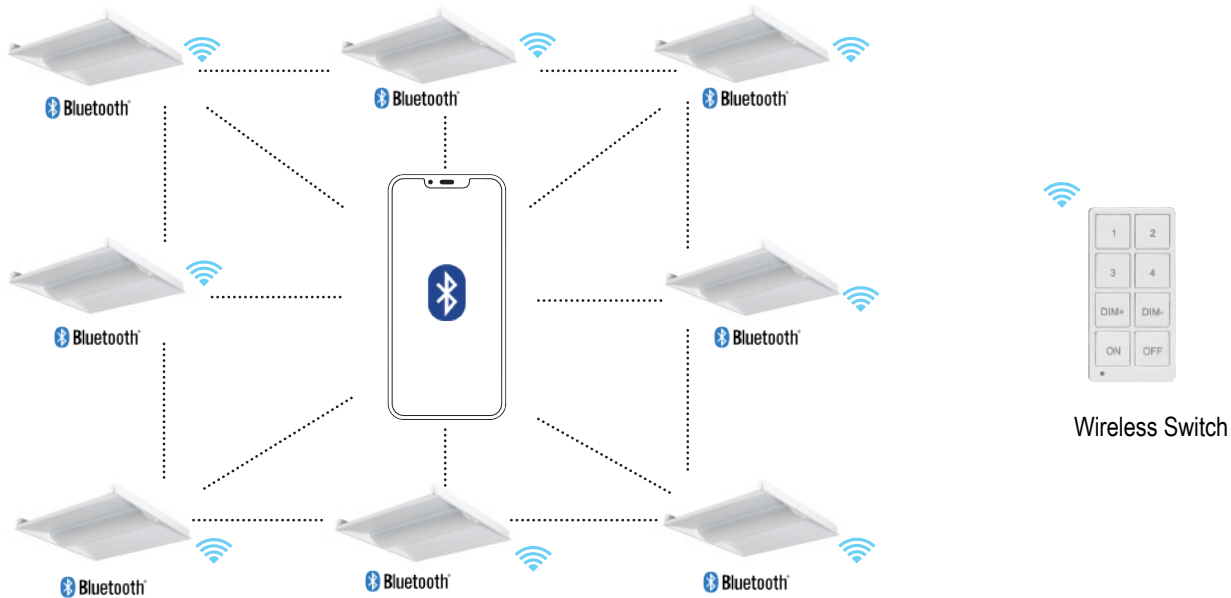
Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Lumen Output	Size	CRI	CCT	LPW
20W	2500	2'X2'	>80	4000K	125
25W	3200	2'X2'	>80	4000K	128
30W	3900	2'X2'	>80	4000K	130
34W	4250	2'X4'	>80	4000K	125
38W	4760	2'X4'	>80	4000K	125
45W	5800	2'X4'	>80	4000K	129

BLUETOOTH PIR MOTION SENSOR

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

Bluetooth Mesh Control



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

Simply plug in sensor into the pre-installed receptacle



Wireless Switch Options



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



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



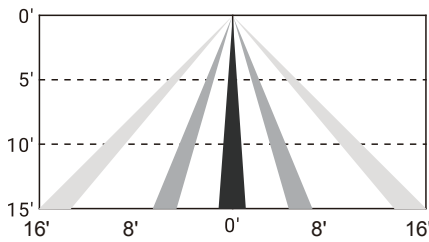
BMWS-L-D-1-7BT-BLE-KL-WH



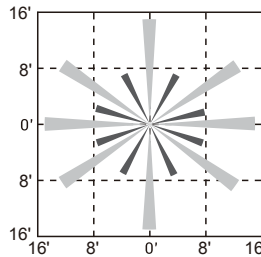
BMWS-L-D-8BT-BLE-KL-WH



Detection Area



Max. Mounting Height 15ft



ABOVE ALL LIGHTING APP Download



Warranty

Five year limited warranty.

Specifications subject to change without notice.