

# SELECTABLE LED TROFFER

## Sensor Based



The Selectable Sensor Based Troffer comes in 2ftx2ft, 2ftx4ft and 1ftx4ft 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.

## TECHNICAL DATA

### Wattage

2ftx2ft	Selectable 20W/25W/30W
1ftx4ft	Selectable 20W/25W/30W
2ftx4ft	Selectable 34W/38W/45W

<b>CCT</b>	Selectable 3500K/4000K/5000K
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<b>Driver</b>	0-10V Dimming <sup>1</sup>
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<b>CRI</b>	80
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<b>Input Voltage</b>	120-277V, 50/60Hz
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<b>Projected Lifetime</b>	L70-100,000 Hours
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<b>Operating Temp.</b>	-4°F to 104°F (-20°C to 40°C)
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<b>Certifications</b>	cUL Listed
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RoHS compliant

Suitable for damp locations

<b>Power Factor</b>	>0.98 at 120V
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<b>Harmonic Distortion</b>	<20% at 120V
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Note:

1. Dimming wire is connected to sensor receptacle. Please ask an electrician to disconnect the dimming wires if they need to be used for other purposes.

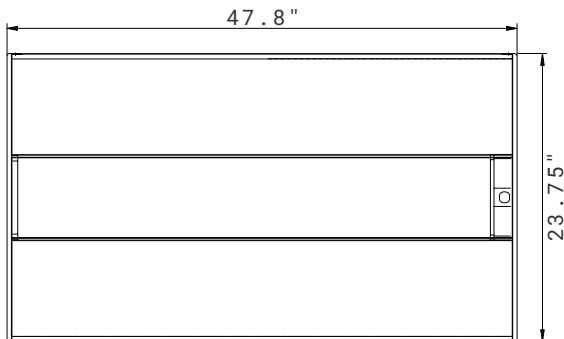
## FEATURES

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

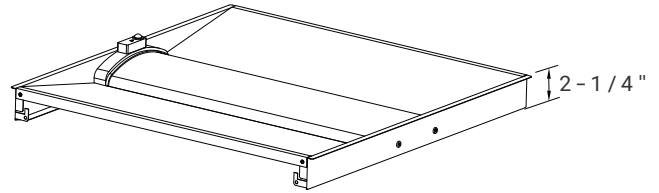


## DIMENSION

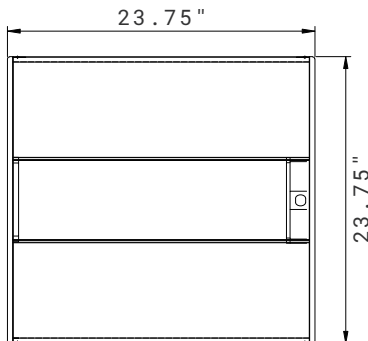
2'x4'



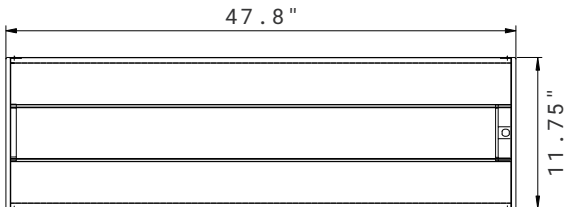
Height for 2'x4'/2'x2'/1'x4'



2'x2'

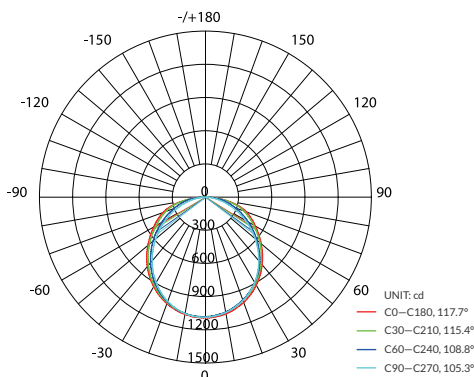


1'x4'



## PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



AVERAGE BEAM ANGLE(50%): 111.8 DEG

## ORDERING INFORMATION

EXAMPLE: TRSB-24D-SP1-SW1

TRSB							
Series	Size	Dimmable	Wattage	CCT	Voltage	Control	Finish
TRSB	22 2'x2'	D 0-10V Driver	SP1 Selectable 20W/25W/30W <sup>1</sup>	SW Selectable 3500K 4000K <sup>3</sup> 5000K	1 120-277V	BLANK With Sensor Receptacle  EBU Emergency Battery Back-up <sup>4</sup>	BLANK White <sup>5</sup>
	14 1'x4'	D 0-10V Driver	SP1 Selectable 20W/25W/30W <sup>1</sup>				
	24 2'x4'	D 0-10V Driver	SP1 Selectable 34W/38W/45W <sup>2</sup>				

### NOTE:

- 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 back-up 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 finish colors are available at an additional charge. Please contact Customer Service for premium options.

## ACCESSORIES (ORDERED SEPARATELY)



**BMS-L108-PIR-DC-BLE-KL-AUX-D1**  
Bluetooth Economical PIR Motion Sensor.



**BMS-S1P-PIR-DC1-PPM**  
Standalone PIR Motion Sensor.



**AAL-RC-100**  
Remote control for the Standalone PIR Sensor only.

## ACCESSORIES (ORDERED SEPARATELY)



2'x2' Surface Mount Kits.



2'x4' Surface Mount Kits.



1'x4' Surface Mount Kits.

### NOTE:

1. 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.
2. BlueMesh NLC APP. Refer to last page.

## 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.

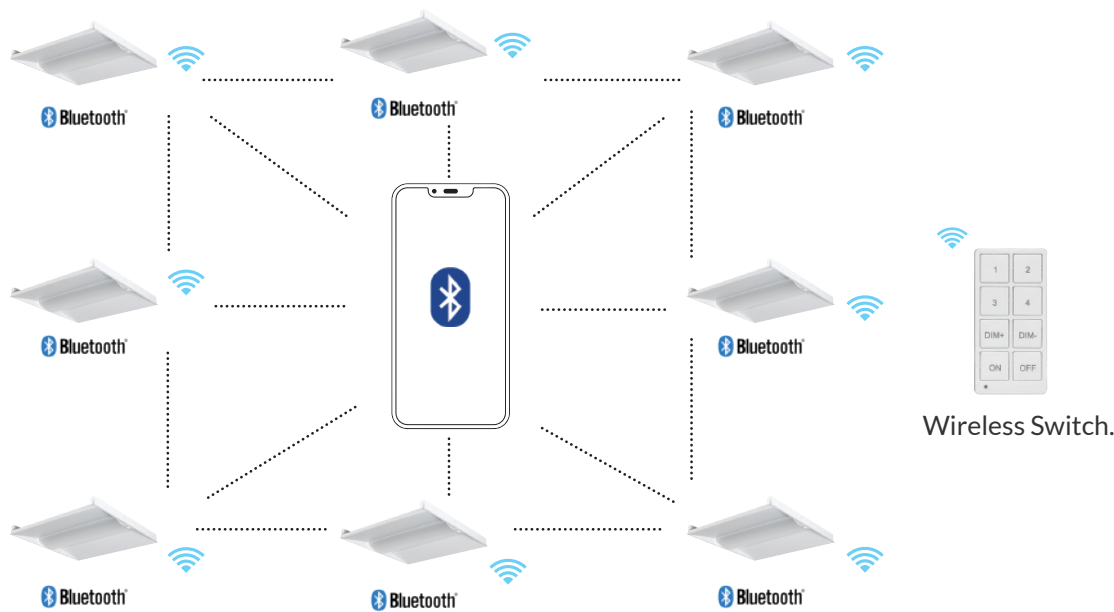
### Lumen Output

Wattage	Lumen Output	Size	CRI	CCT	LPW
20W	2500lm	2'x2'	>80	4000K	125
25W	3200lm	2'x2'	>80	4000K	128
30W	3900lm	2'x2'	>80	4000K	130
34W	4250lm	2'x4'	>80	4000K	125
38W	4760lm	2'x4'	>80	4000K	125
45W	5800lm	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



**NOTE:**  
1. 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



## BLUETOOTH PIR MOTION SENSOR

### Wireless Switch Options



**BMWWS-L-D-1-3BT-BLE-KL**  
-WH



**BMWWS-L-D-5BT-BLE-KL**  
-WH



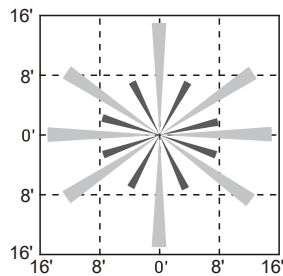
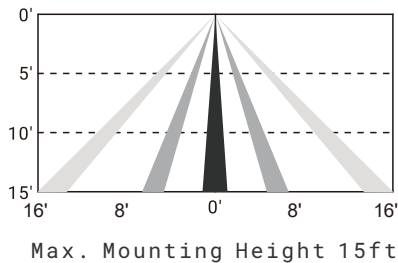
**BMWWS-L-D-1-7BT-BLE-KL**  
-WH



**BMWWS-L-D-8BT-BLE-KL**  
-WH



### Detection Area



## WARRANTY

5 year limited warranty.

Specifications subject to change without notice.