

# 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 14W/17W/20W/28W
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1ftx4ft	Selectable 14W/17W/20W/28W
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2ftx4ft	Selectable 20W/28W/34W/41W
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CCT	Selectable 3000K/3500K/4000K /5000K/6500K
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Driver	0-10V Dimming (dim to 1%) <sup>1</sup>
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CRI	80
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Input Voltage	120-277V, 50/60Hz
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Projected Lifetime	L70-100,000 Hours
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Operating Temp.	-4°F to 104°F (-20°C to 40°C)
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Certifications	cUL Listed
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	RoHS compliant
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	Suitable for damp locations
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Power Factor	>0.98 at 120V
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Harmonic Distortion	<20% at 120V
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### Note:

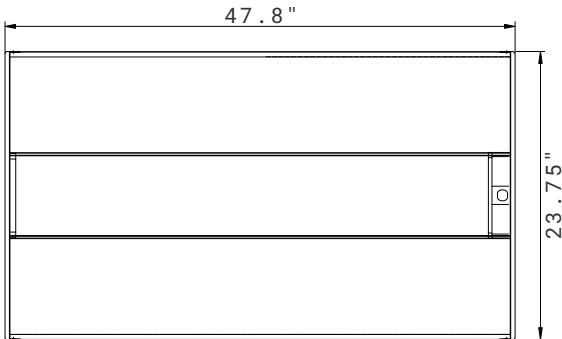
1. Dimming wire is connected to sensor receptacle. Please ask an electrician to disconnect the dimming wires if they need to be used for other purposes.

## FEATURES

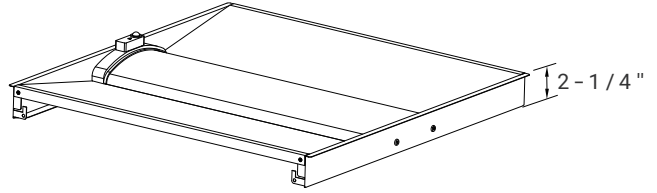
- Color temperature selectable.
- Wattage selectable.
- Occupancy sensor ready.
- Emergency battery back-up optional.

**DIMENSION**

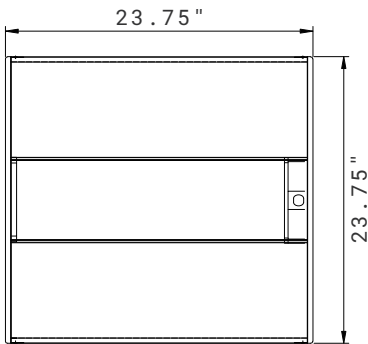
**2'x4'**



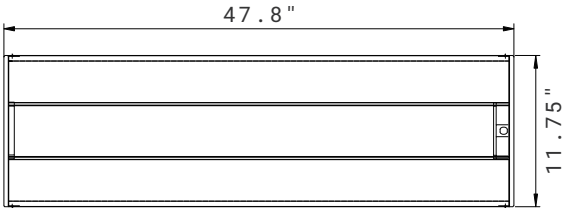
**Height for 2'x4'/2'x2'/1'x4'**



**2'x2'**

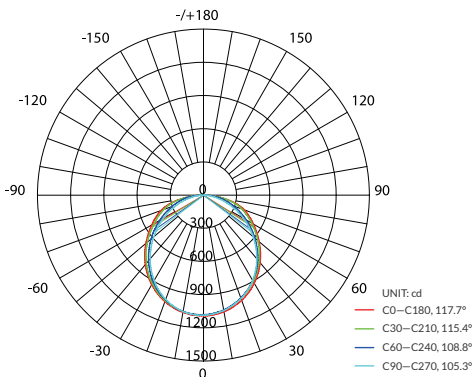


**1'x4'**



**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'	<b>D</b> 0-10V Dimming Driver (dim to 1%)	<b>SP1</b> Selectable 14W/17W/20W/ 28W <sup>1</sup>	<b>SW</b> Selectable 3000K 3500K 4000K <sup>3</sup> 5000K 6500K	<b>1</b> 120-277V	<b>BLANK</b> With Sensor Receptacle  <b>EBU</b> Emergency Battery Back-up <sup>4</sup>	<b>BLANK</b> White <sup>5</sup>
	14 1'x4'	<b>D</b> 0-10V Dimming Driver (dim to 1%)	<b>SP1</b> Selectable 14W/17W/20W/ 28W <sup>1</sup>				
	24 2'x4'	<b>D</b> 0-10V Dimming Driver (dim to 1%)	<b>SP1</b> Selectable 20W/28W/34W/ 41W <sup>2</sup>				

### NOTE:

- 28W is default setting. Other wattages can be set in the field.
- 41W 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.

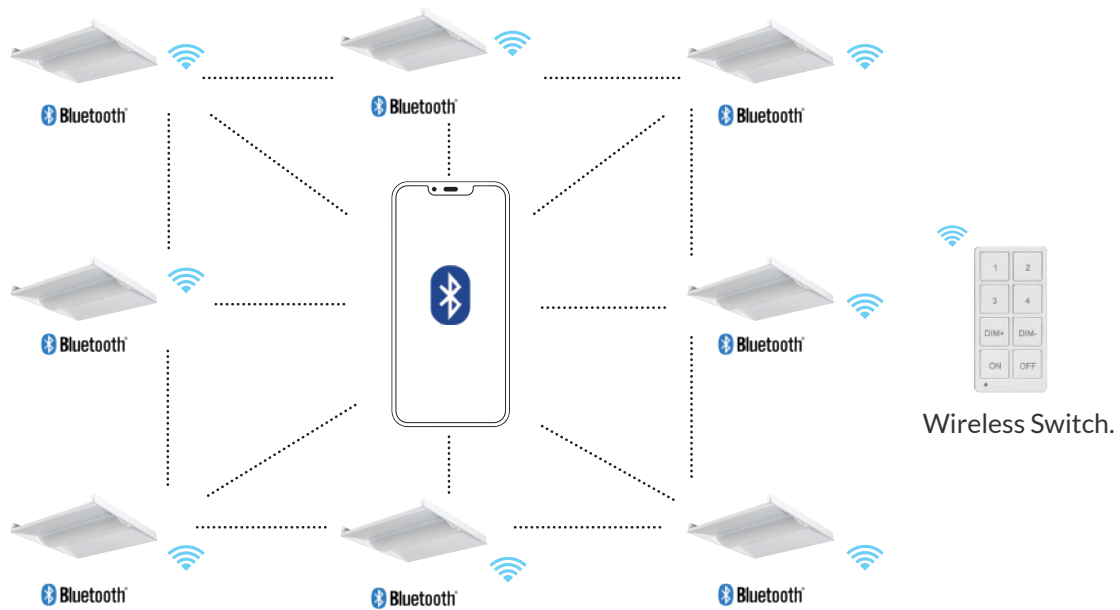
#### Lumen Output

Wattage	Lumen Output	Size	CRI	CCT	LPW
14W	1896lm	1'x4'	>80	4000K	135
17W	2363lm	1'x4'	>80	4000K	144
20W	2752lm	1'x4'	>80	4000K	142
28W	3702lm	1'x4'	>80	4000K	137
14W	1979lm	2'x2'	>80	4000K	141
17W	2452lm	2'x2'	>80	4000K	144
20W	2844lm	2'x2'	>80	4000K	142
28W	3845lm	2'x2'	>80	4000K	137
20W	3390lm	2'x4'	>80	4000K	169
28W	4629lm	2'x4'	>80	4000K	165
34W	5375lm	2'x4'	>80	4000K	158
41W	6442lm	2'x4'	>80	4000K	157

## 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**



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



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



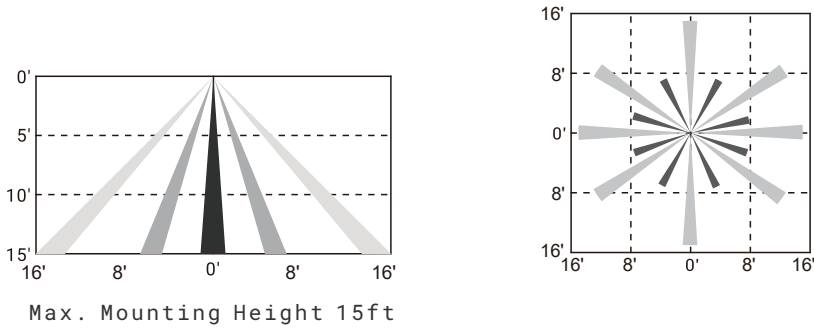
**BMWS-L-D-1-7BT-BLE-KL**  
-WH



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



**Detection Area**



**WARRANTY**

5 year limited warranty.

Specifications subject to change without notice.