



# SMW4N-LED

## Surface Mount Wrap



The SMW4N-LED Surface Mount Wrap is a 4' linkable linear fixture ideal for indoor use. The wraparound fixture is easy to install and features a link connector ideal for combining multiple fixtures in one row and includes an optional sensor receptacle for field installation of a motion sensor. With CONTROLLED capability, it integrates plug-and-play motion and daylight sensors wirelessly and with bluetooth mesh network, providing advanced lighting control without hubs or gateways.

### IDEAL APPLICATIONS

- Foyers
- Utility Area
- Hallways
- Stairwells

### SPECIFICATIONS

	SMW4N -LED48-B-VK-WHT-DIM-FR	SMW4N-LED48-H-VK-WHT-DIM-SR-FR		SMW4N -LED48-B-VK-WHT-DIM-FR	SMW4N-LED48-H-VK-WHT-DIM-SR-FR	
<b>PERFORMANCE</b>						
Light Output	5800lm					
Efficacy	124 lm/W	125 lm/W				
CCT	3500/4000/5000K (CCT Selectable)					
Beam Angle	110°					
Replaces Up to	2 Lamp T8					
LED Lifetime (L80)	94,000 Hours					
CRI	86	85				
<b>ELECTRICAL</b>						
Wattage	46W					
Voltage	120-277V	120-347V				
Surge Protection	3kV	2kV				
Power Factor	>0.99					
THD	8.1%	12.3%				
Daisy Chain	Max. 8 fixtures					
<b>CONSTRUCTION</b>						
Housing	Steel Housing					
Lens	Frosted Polycarbonate Lens					
Weight	3.65 lbs					
<b>AMBIENT OPERATING TEMPERATURE</b>						
	-20°C to 40°C (-4°F to 104°F)					
<b>MOUNTING</b>						
	Surface Mount (Accessories Included)					
<b>CERTIFICATIONS</b>						
	ETL Listed for Canada & USA per UL 1598 & CSA C22.2#250.0 Ed.5					
	IP20					
	DLC Standard & Premium					
<b>CONTROLS</b>						
Dimming	1-10V Dimming			0-10V Dimming (Dim to Off)		
Sensor	-			PIR Motion Sensor (Fixture comes with the sensor receptacle installed)		
<b>LUMEN MAINTENANCE</b>						
<b>L90</b>		<b>L80</b>		<b>L70</b>		
45,000 Hrs		94,000 Hrs		>100,000 Hrs		
<b>MAX AMPERAGE DRAW</b>						
	120V	208V	240V	277V	347V	
	0.426 A	0.246 A	0.213 A	0.185 A	0.147 A	

Note: Electrical and light performance data is based on LM79 test reports, measured at 4000K and 120V.

Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

**CONTROLLED**



## ORDERING GUIDE



Fixture	Wattage	Voltage	Colour Temp.	Finish	Dimming	Sensors	Lens
SMW4N	LED48	B - 120-277V	VK - CCT Selectable 3500K/ 4000K/ 5000K	WHT - White	DIM - 0/1-10V Dimming	BLANK - No Sensor Receptacle	FR - Frosted Lens
		H - 120-347V				SR - Sensor Receptacle	

Default Setting: 4000K

### STOCK CODE

081617	SMW4N-LED48-B-VK-WHT-DIM-FR
083779	SMW4N-LED48-H-VK-WHT-DIM-SR-FR

### INCLUDED IN THE BOX

3 PIN LINK CONNECTOR		SURFACE MOUNT KIT	
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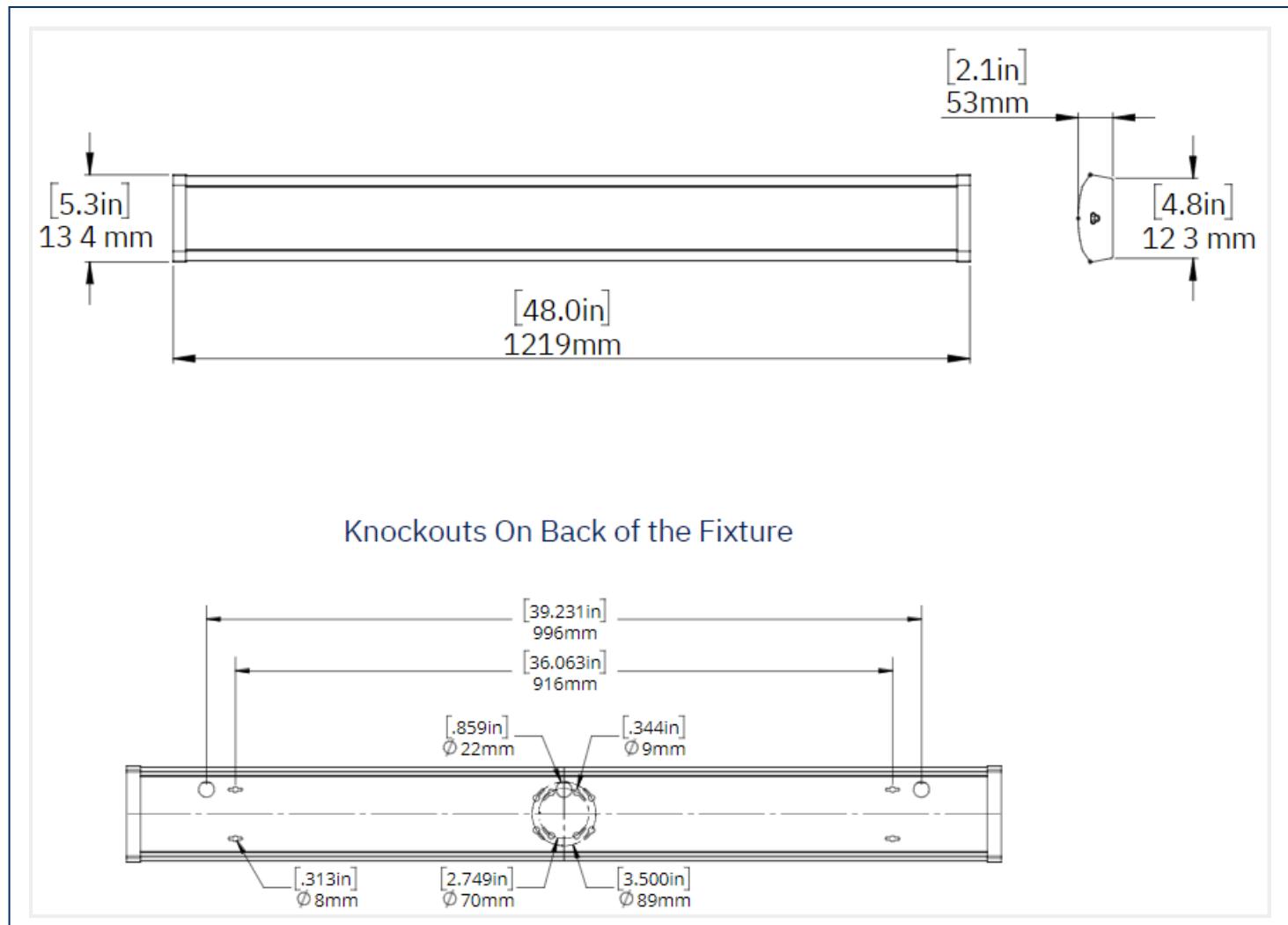
### ACCESSORIES SOLD SEPARATELY

083786	LOWBAY REMOTE CONTROLLED PIR MOTION SENSOR		083787	LOWBAY BLUETOOTH PIR MOTION/DLH PLUG-IN SENSOR	
083789	CONTROLLED RC-500 MOTION SENSOR REMOTE CONTROL		084215	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS (ON/OFF, DIM+, DIM-)	
012572	SMW-END CAP FOR 5-PIN LINK CONNECTOR		084633	BLUETOOTH 5-KEY BATTERY POWERED WIRELESS WALL SWITCH & PLATE <sup>1</sup>	
012575	SMW-LED LINK CONNECTOR FOR 5-PIN		012557	SMW-LED 5' CORD & PLUG WHT FOR 3-PIN	
012573	SMW-LED 5' INTERCONNECT CABLE FOR 5-PIN		012559	SMW-LED LINK CONNECTOR FOR 3-PIN	
012574	SMW-LED 1' INTERCONNECT CABLE FOR 5PIN		012568	SMW-LED 6' INTERCONNECT CABLE WHT FOR 3-PIN	
012571	SMW-END CAP FOR CONDUIT ENTRY (Conduit pipe not included)		012558	SMW-LED 1' INTERCONNECT CABLE WHT FOR 3-PIN	

<sup>1</sup> Wireless Bluetooth module can also be used as portable remote control.

## DIMENSIONS

SMW4N-LED48



## CONTROLLED

## PIR MOTION &amp; DAYLIGHT HARVEST SENSOR

## FEATURES

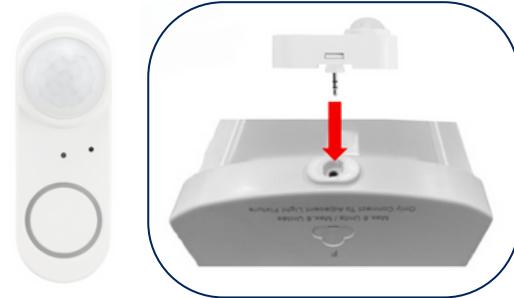
- Available in two options - Remote controlled standalone sensor & bluetooth sensor
- Easy wireless plug-and-play installation

## Remote Controlled Sensor

- Program the sensor easily and quickly using RC-500 remote control.

## Bluetooth Sensor

- Program the sensor using the CONTROLLED app.
- Bluetooth mesh network
- DLC - Networked Lighting Control (NLC) & Luminaire Level Lighting Control (LLLC)



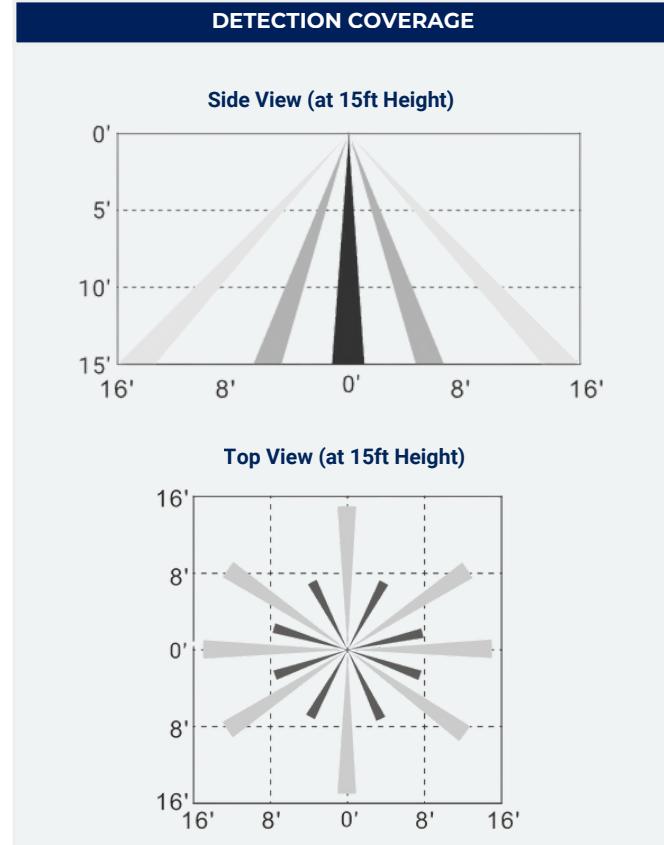
SPECIFICATION	
<b>Input Voltage</b>	12VDC
<b>Input Current</b>	25mA Max.
<b>Input Power</b>	0.3W
<b>Output Current</b>	10mA Max. Sinking Current
<b>Output Power</b>	0.1W
<b>Dimming</b>	Class 2, 0-10VDC
<b>Bluetooth Transmit<sup>2</sup></b>	100ft Max.
<b>Radio Frequency</b>	2.4GHz ±75MHz
<b>Bluetooth Version<sup>2</sup></b>	5.0
<b>Housing Material</b>	Polycarbonate (UL 94-5VA)
<b>Housing Finish</b>	White
<b>Detection Range</b>	40ft Max.
<b>Mounting Height</b>	18ft. Max.
<b>Indoor/Outdoor Use</b>	Indoor Use Only
<b>Operating Temperature<sup>1</sup></b>	-30°C to 55°C (-22°F to 131°F)
<b>Storage Temperature</b>	-30°C to 85°C (-22°F to 185°F)
<b>IP Rating</b>	IP20
<b>Installation</b>	Plug-and-play installation

<sup>1</sup>When installed in the fixture, the system's ambient operating temperature is limited by the component with the lowest allowable range.

<sup>2</sup>Applies only to the Bluetooth sensor

DEFAULT SETTINGS	
<b>Motion Sensor</b>	On
<b>Mode</b>	Occupancy
<b>Trim Level</b>	100%
<b>Sensitivity</b>	High
<b>Hold Time (T1)</b>	20 min
<b>Standby Dim</b>	50%
<b>Standby Time (T2)</b>	1 min
<b>Photocell</b>	Off
<b>Daylight Harvest</b>	Off
<b>Linkage</b>	Off
<b>Linkage Level</b>	100%

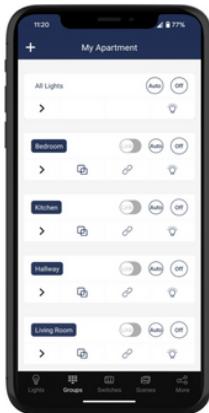
**Note:** Program the Bluetooth sensor with the desired settings using the CONTROLLED Mobile App (please refer to the CONTROLLED App manual for instructions).



# CONTROLLED

**RAB**<sup>®</sup>  
DESIGN

ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



**Organized Workspaces:**  
Create Zones, Groups and Group linkages.



**Dimming Lights:**  
Set dim level for groups or individual lights.



**Motion and Daylight Harvest Sensors:**  
Custom sensor settings for groups or individual lights.



**Scenes:**  
Create custom scenes for different scenarios.



**Schedules:**  
Create custom schedules for recurring events.



**Share Access:**  
Share access using QR codes.

## Get the App!

 GET IT ON  
Google Play



 Download on the  
App Store



**RAB**<sup>®</sup>  
DESIGN

Engineered by skilled hands,  
for skilled hands.

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## PHOTOMETRIC PLOTS

