



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

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.



ORDERING GUIDE

SMW4N	LED48		VK	WHT	DIM		FR
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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

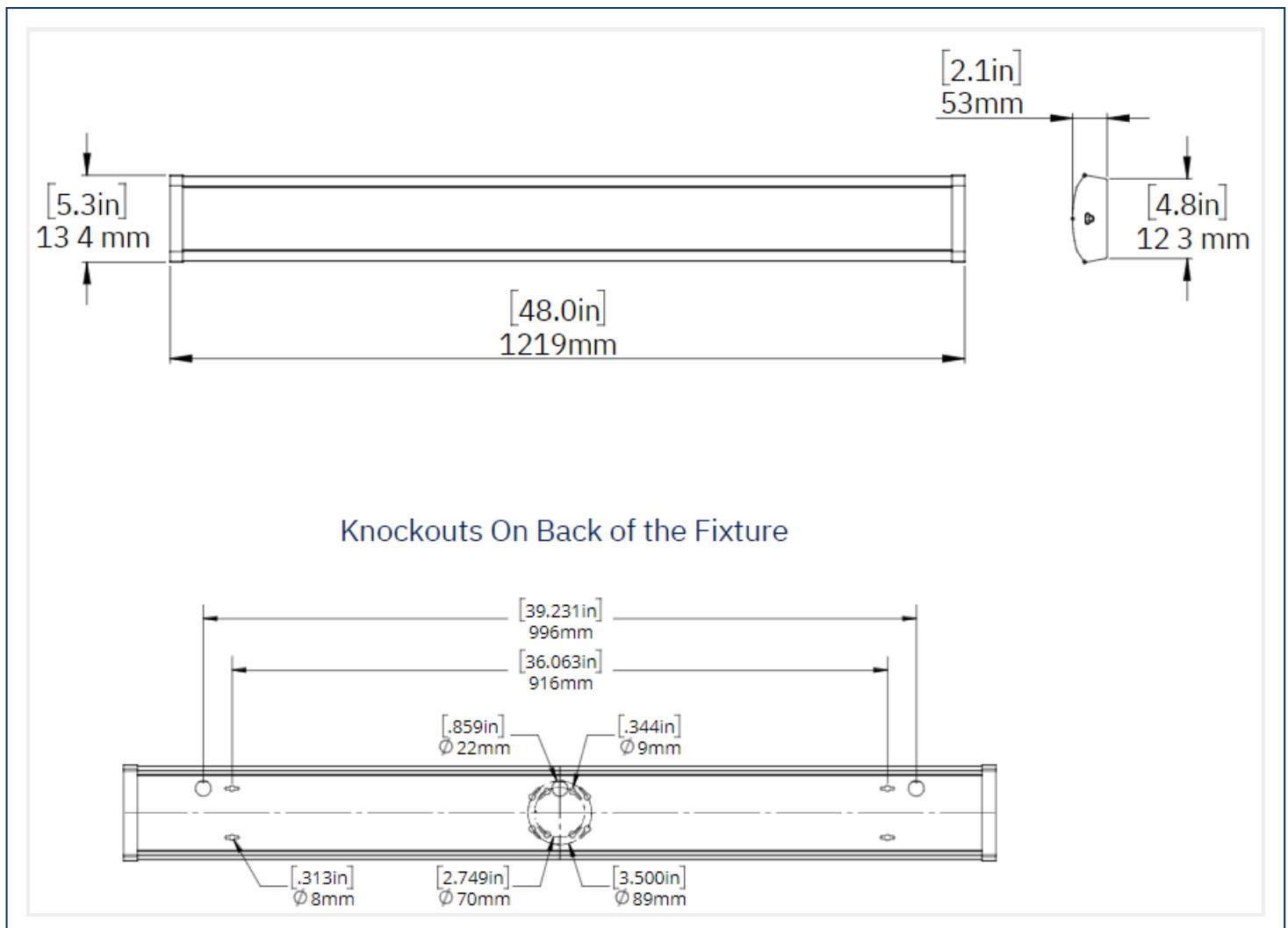
INCLUDED IN THE BOX			
3 PIN LINK CONNECTOR		SURFACE MOUNT KIT	

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 ¹	
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	

¹ Wireless Bluetooth module can also be used as portable remote control.

DIMENSIONS

SMW4N-LED48



CONTROLLED

PIR MOTION & DAYLIGHT HARVEST SENSOR

FEATURES

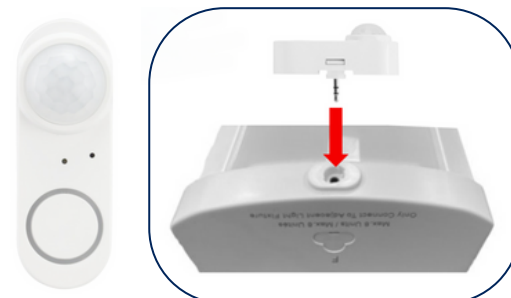
- Available in two options - Remote controlled standalone sensor & bluetooth sensor
- Easy wireless plug-and-play installation

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)



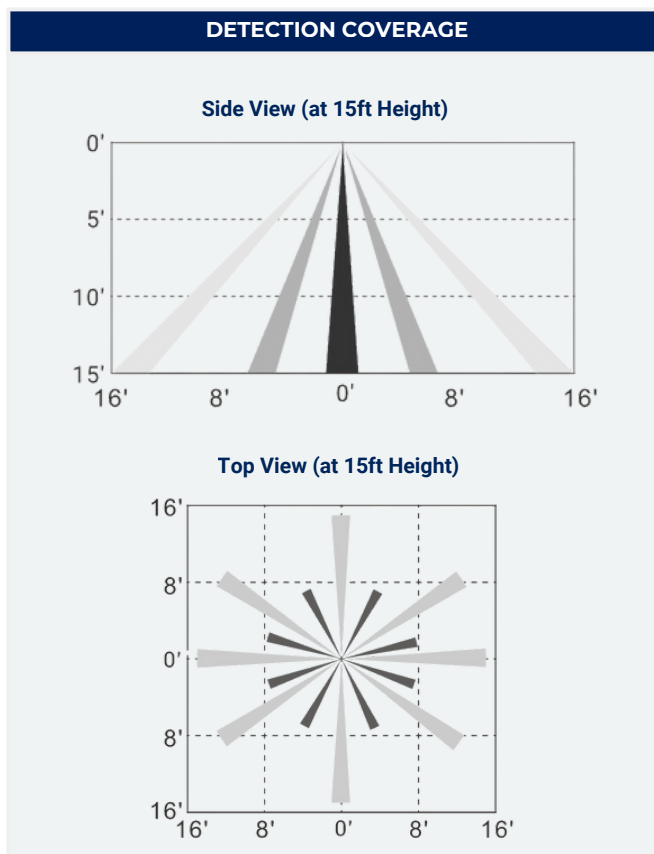
SPECIFICATION	
Input Voltage	12VDC
Input Current	25mA Max.
Input Power	0.3W
Output Current	10mA Max. Sinking Current
Output Power	0.1W
Dimming	Class 2, 0-10VDC
Bluetooth Transmit ²	100ft Max.
Radio Frequency	2.4GHz ±75MHz
Bluetooth Version ²	5.0
Housing Material	Polycarbonate (UL 94-5VA)
Housing Finish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

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

²Applies only to the Bluetooth sensor

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

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



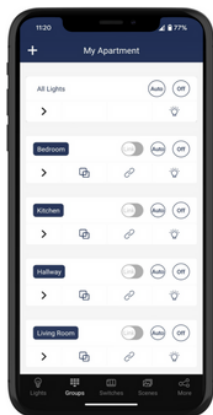
Bluetooth



CONTROLLED

RAB
DESIGN

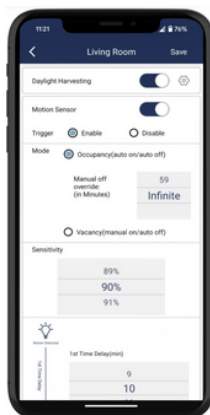
ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



Organized Workspaces:
Create Zones, Groups and Group linkages.



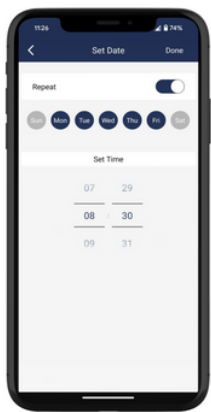
Dimming Lights:
Set dim level for groups or individual lights.



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



Scenes:
Create custom scenes for different scenarios.

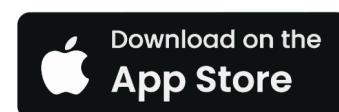


Schedules:
Create custom schedules for recurring events.



Share Access:
Share access using QR codes.

Get the App!



RAB
DESIGN

**Engineered by skilled hands,
for skilled hands.**

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PHOTOMETRIC PLOTS

