Project: | Type: | Date: | Notes:

Linear Striplight
SLA-LED



The SLA-LED is a sleek, reimagined LED striplight designed for ease of installation, flexibility, and performance. Its hinged, easy-access design simplifies wiring and installation, while an integrated magnetic control cutout accommodates field-installed lighting controls. Standalone lighting controls are available for field or factory installation, while smart, networked Bluetooth controls are available as a factory-installed option, providing a streamlined solution for today's connected lighting environments.

IDEAL APPLICATIONS

- Retail Applications
- Commercial Applications
- Office Spaces
- General Indoor Lighting
- Stairwell & Hallway
- Warehouse Aisles
- Parkades
- Storage Spaces

SPECIFICATIONS

	SLA2-LED25A15	SLA4-LED35A25	SLA4-LED50A30	SLA8-LED90A60
PERFORMANCE				
Light Output	Lumen Selectable: 3700/3000/2200 lm	4900/4200/3500 lm	7500/6000/4500 lm	13300/11000/8800 lm
Efficacy	146 lm/W	150 lm/W	151 lm/W	152 lm/W
CCT	3000/3500/4000/5000/6500K (Selectable)			
Beam Angle	125°			
Replaces Up To	2 Lamp F21T5	2 Lamp T5HO		4 Lamp T8
LED Lifetime (L80)	100,000 Hours			
CRI	86			84
ELECTRICAL				
Wattage	25/20/15W	35/30/25W	50/40/30W	90/75/60W
Voltage	120-347 V			
Surge Protection	2kV (Built-in Driver) as per IEC/EN61000-4-5			
Power Factor	0.99			
THD	11.63%	12.25%	12.18%	6.83%
Wire Leads	6in from centre conduit knockout			
Battery Backup	N/A	8W		
CONSTRUCTION				
Housing	Steel Sheet Metal			
Paint	White Powder Coat Finish			
Lens	Frosted Polycarbonate			
Weight	2.09 lbs	3.59 lbs		6.94 lbs

AMBIENT OPERATING TEMPERATURE
-20°C to 40°C (-4°F to 104°F)
MOUNTING
Surface Mount Suspension Mount (V-Hooks Included, Aircraft Cable Set Sold Separately)
CERTIFICATIONS
ETL Listed for Canada & USA per UL 1598 & CSA C22.2#250.0 Ed.5 DLC Premium

CONTROLS		
Dimming	0-10V Dim to Off (5-100% Dimming)	0-10V Dim to Off (1-100% Dimming)
Sensor	Standalone & Bluetooth Networked Controls - Microwave Motion Sensor	

LUMEN MAINTENANCE		
L90	**L85**	**L70**
52,000 Hrs	80,000 Hrs	>100,000 Hrs

MAX AMPERAGE DRAW (A)

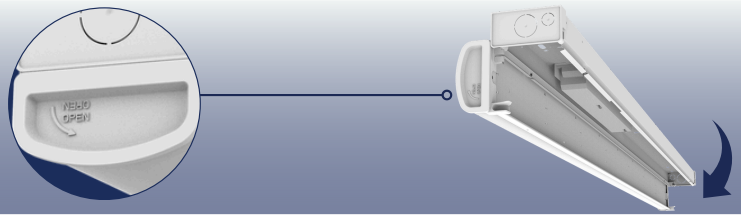
	SLA2-LED25A15	SLA4-LED35A25	SLA4-LED50A30	SLA8-LED90A60
120V	0.23	0.32	0.46	0.83
208V	0.13	0.19	0.26	0.48
240V	0.11	0.16	0.23	0.41
277V	0.10	0.14	0.20	0.36
347V	0.08	0.11	0.16	0.29

Note:
- Electrical and light performance data is based on LM79 test reports, measured at maximum wattage, 4000K, and 120V.
- Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

HINGED-OPEN DESIGN

FAST AND SIMPLE INSTALLATION

Hinged access with a marked opening side provides quick access to wiring and simplifies installation.



CONTROLLED

ORDERING GUIDE

		H	VK	WHT	DIM		
Fixture	**Wattage**	**Voltage**	**Colour Temp.**	**Finish**	**Dimming**	**Controls**	**Battery Backup**
SLA2	LED25A15	H - 120-347V	VK - Colour Selectable (3000K/3500K/ 4000K/5000K/ 6500K)	WHT - White	DIM - 0-10V Dimming	Blank - Controls Ready[1]	BLANK - No Battery Backup
SLA4	LED35A25 LED50A30					DHFS - Standalone Motion Sensor	BBK8 - 8W Battery Backup[2]
SLA8	LED90A60					BCMS - Bluetooth ControlLED Motion Sensor	

Notes:
[1]Standard units are controls-ready for standalone microwave motion sensors, which are programmed using a remote control. Standalone sensors can also be factory-installed by selecting the **DHFS** option.
Bluetooth-networked sensors are factory-installed only and must be specified by selecting the **BCMS** option.
[2]Not offered with 2ft fixtures (SLA2).

Default Setting: Maximum Wattage and 4000K

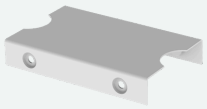
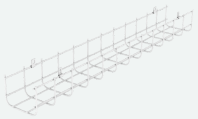
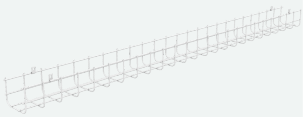
STOCK CODES

084986	SLA2-LED25A15-H-VK-WHT-DIM
084987	SLA4-LED35A25-H-VK-WHT-DIM
084988	SLA4-LED50A30-H-VK-WHT-DIM
084989	SLA8-LED90A60-H-VK-WHT-DIM
085358	SLA2-LED25A15-H-VK-WHT-DIM-DHFS
085359	SLA4-LED35A25-H-VK-WHT-DIM-DHFS
085360	SLA4-LED50A30-H-VK-WHT-DIM-DHFS
085361	SLA8-LED90A60-H-VK-WHT-DIM-DHFS

INCLUDED IN THE BOX

SURFACE MOUNT KIT	
JUNCTION BOX COVER	
V-HOOKS	

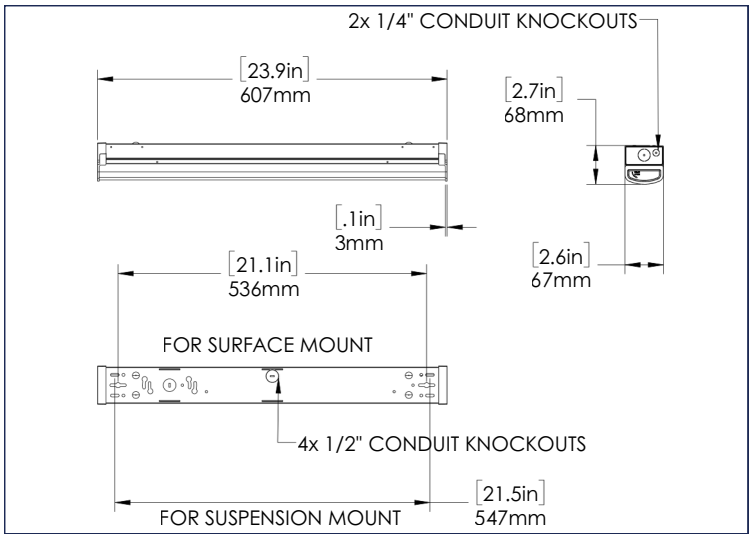
ACCESSORIES SOLD SEPARATELY

084990	SLA ROW MOUNT KIT WHT		**081960**	10FT AIRCRAFT CABLE SET W/ SNAP HOOK & THIMBLE	
084991	SLA2 WIRE CAGE WHT		**085011**	MW20P-RCM-D1 (STANDALONE MICROWAVE SENSOR)	
084993	SLA4 WIRE CAGE WHT		**083789**	CONTROLLED RC-500 MOTION SENSOR REMOTE CONTROL	
084994	SLA8 WIRE CAGE WHT		**084215**	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS (ON/OFF, DIM+, DIM-)	
084995	SLA4 REFLECTOR WINGS KIT WHT		**084633**	BLUETOOTH 5-KEY BATTERY POWERED WIRELESS WALL SWITCH & PLATE[1]	
084996	SLA8 REFLECTOR WINGS KIT WHT				

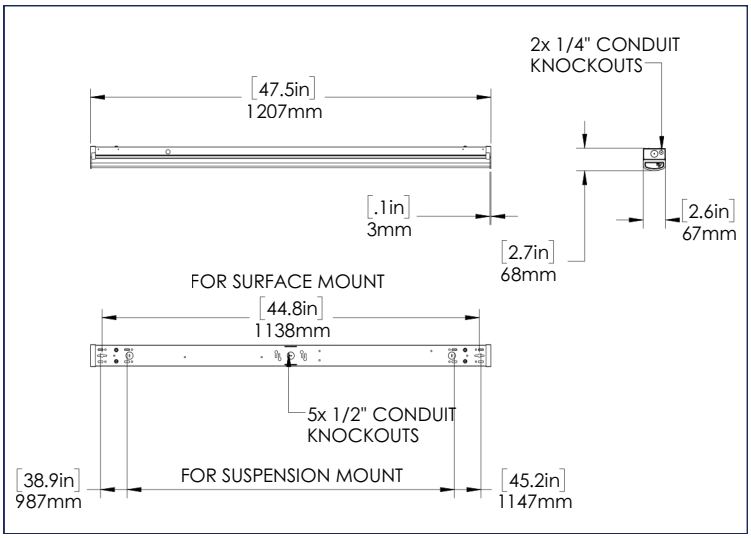
Notes:
[1]Wireless Bluetooth module can also be used as portable remote control.

DIMENSIONS

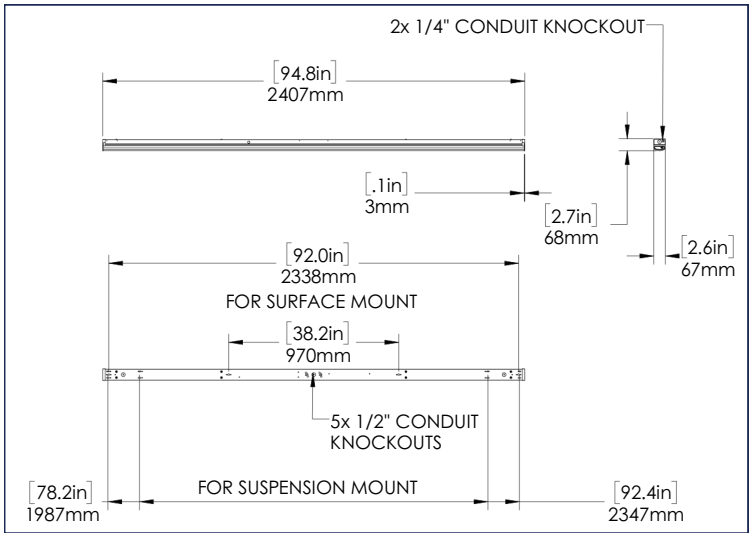
SLA2-LED



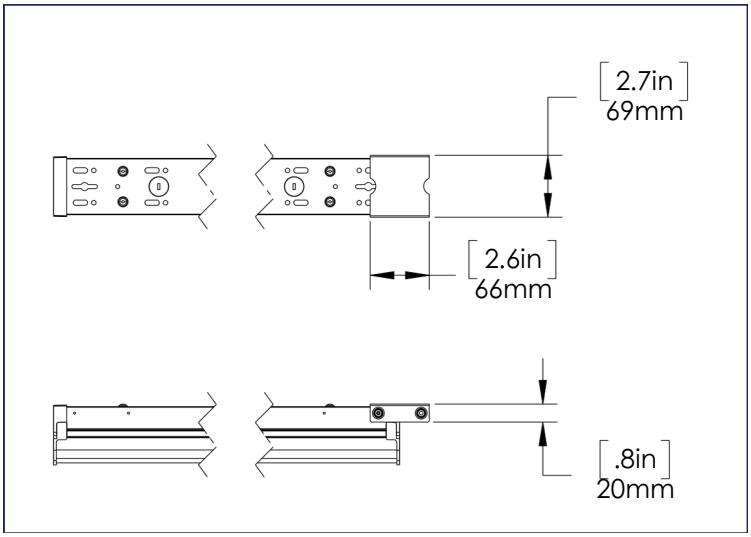
SLA4-LED



SLA8-LED



ROW MOUNT KIT

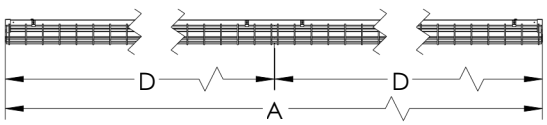


WIRE CAGE

SLA2 (2 FT) & SLA4 (4 FT)



SLA8 (8 FT)



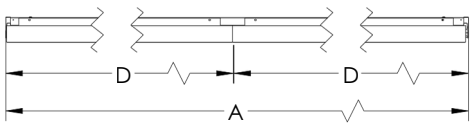
	SLA2	SLA4	SLA8
A	607mm [23.9 in]	1207mm [47.5 in]	2407mm [94.8 in]
B	76mm [3.0 in]	76mm [3.0 in]	76mm [3.0 in]
C	82mm [3.2 in]	82mm [3.2 in]	82mm [3.2 in]
D	-	-	1203mm [47.3 in]

REFLECTOR WINGS

SLA4 (4 FT)



SLA8 (8 FT)



	SLA4	SLA8
A	1207mm [47.5 in]	2407mm [94.8 in]
B	82mm [3.2 in]	82mm [3.2 in]
C	184mm [7.2 in]	184mm [7.2 in]
D	-	1203mm [47.3 in]

BATTERY BACKUP SPECIFICATIONS	
Input Power	8W
Input Voltage	120-347V
Output Power (Emergency Mode)	8W
Recharge Current	0-200mA
Recharge Time	24 Hrs
Discharge Time	90 min
Ambient Operating Temperature[1]	10°C to 60°C (50°F to 140°F)
Service Life	50,000 Hrs
IP Rating	IP20
Installation	Factory installed inside the fixture housing
Light Output[2]	SLA4-LED35A25: 1200 lm SLA4-LED50A30: 1210 lm SLA8-LED90A60: 1220 lm

[1]When installed in the fixture, the system's ambient operating temperature is limited by the component with the lowest allowable range.
[2]Lumen output with emergency battery backup can be calculated by multiplying the battery output power with the efficacy of fixture.

Note: In emergency mode, the CCT will be fixed at 5000K. Once power is restored, the CCT will revert to the setting configured on the CCT select switch.

CONTROLLED

MICROWAVE MOTION SENSOR



FEATURES

Available in two options - Standalone sensor & smart networked Bluetooth sensor.

Standalone Sensor
- Field-installed or factory-installed sensor
- Program the sensor easily and quickly using RC-500 remote control.

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

SPECIFICATION

	Standalone	Networked Bluetooth
Input Voltage	12VDC	
Input Current	40mA Max.	8mA Max.
Input Power	0.5W	0.1W
Output Current	10mA Max. Sinking Current	
Output Power	0.1W	
Dimming	0-10VDC	
Bluetooth Transmit[2]	-	65ft Max.
Bluetooth Version[2]	-	5.0
Housing Material	Polycarbonate (UL 94-5VA)	Polycarbonate (UL 94-V0)
Detection Range	45ft Max.	40ft Max.
Mounting Height	20ft Max.	
Indoor/Outdoor Use	Indoor Use Only	
Operating Temperature[1]	-30°C to 55°C (-22°F to 131°F)	
IP Rating	IP20	
Installation	Field or factory-installed[3]	Factory-installed

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

[2] Applies only to the networked Bluetooth sensor.

[3] Place magnetic sensor in LED board tray cutout; quick-connect wiring included for easy field installation.

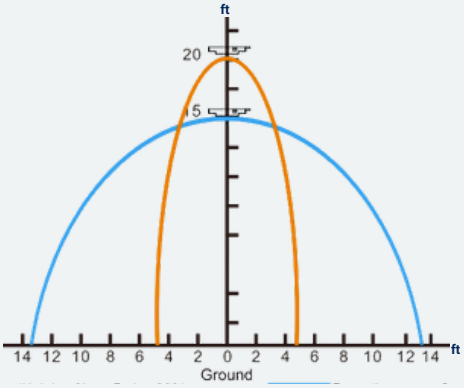
DEFAULT SETTINGS

	Standalone	Networked Bluetooth
Motion Sensor	ON	ON
Mode	Occupancy	Occupancy
Trim Level	100%	100%
Sensitivity	High	High
Hold Time (TI)	5 min	20 min
Standby Dim	30%	50%
Standby Time (T2)	60 min	1 min
Photocell/ Daylight Harvest	OFF	Not available
Linkage	-	OFF
Linkage Level	-	100%

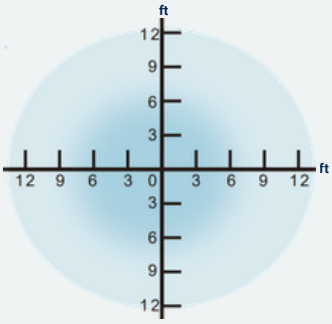
Note: Program the Bluetooth sensor with the desired settings using the ControlLED Mobile App (please refer to the ControlLED App manual for instructions).

DETECTION COVERAGE

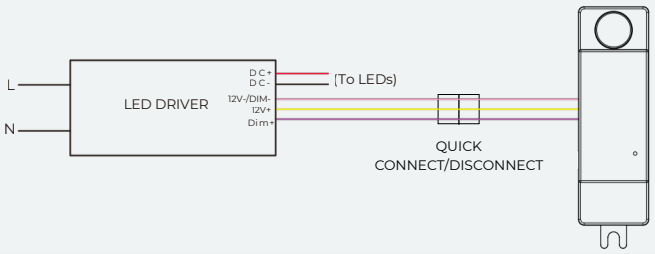
Side View



Top View (at 15ft Height)



WIRING DIAGRAM



Bluetooth

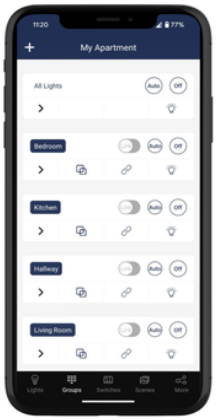
DLC LISTED

SPECIFICATIONS & COMMISSIONING

CONTROLLED

RAB DESIGN

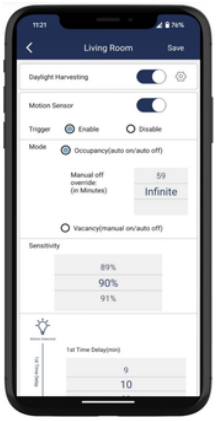
ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



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.

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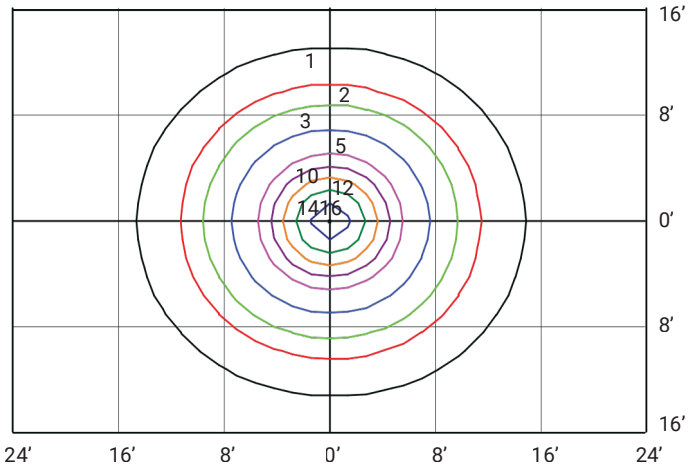
Lighting Your Way. Simple By Design.

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PHOTOMETRIC PLOTS

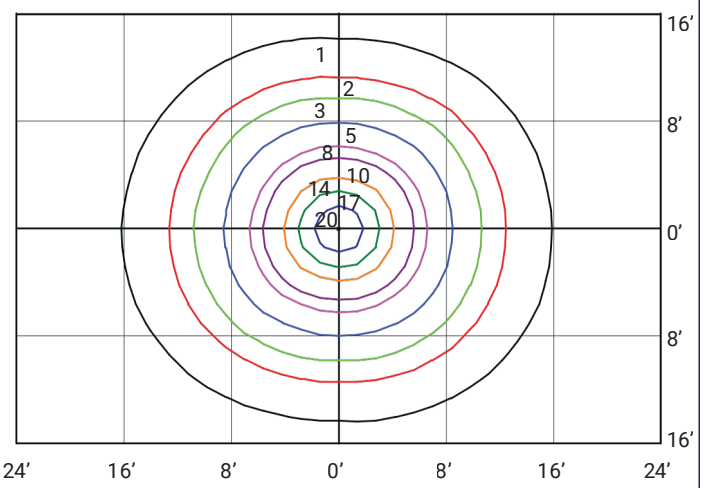
SLA2-LED25A15-H-VK-WHT-DIM (25W 4000K 120V)
MOUNTED AT 8 FEET

LUMENS 3722 MAX CALCULATED VALUE 17.13



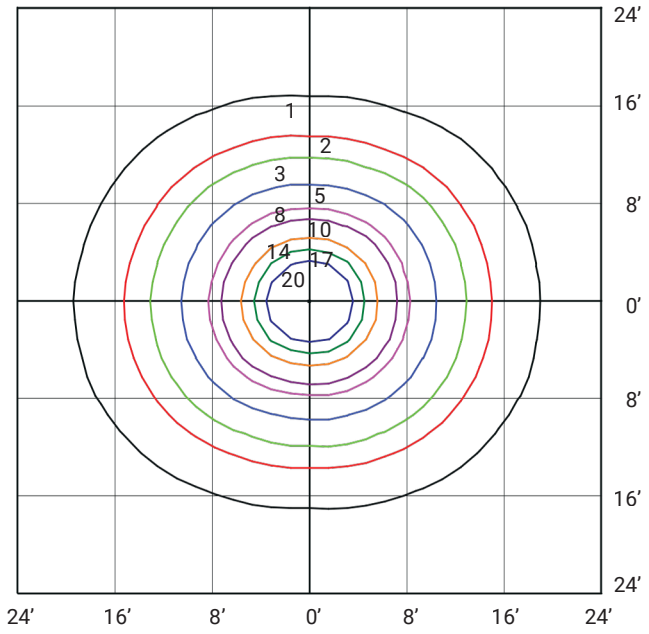
SLA4-LED35A25-H-VK-WHT-DIM (35W 4000K 120V)
MOUNTED AT 8 FEET

LUMENS 4912 MAX CALCULATED VALUE 22.19



SLA4-LED50A30-H-VK-WHT-DIM (50W 4000K 120V)
MOUNTED AT 8 FEET

LUMENS 7473 MAX CALCULATED VALUE 26.67



SLA8-LED90A60-H-VK-WHT-DIM (90W 4000K 120V)
MOUNTED AT 8 FEET

LUMENS 13250 MAX CALCULATED VALUE 58.27

