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 or factory-installed lighting controls. The SLA-LED delivers a streamlined, versatile lighting solution for a wide range of applications.

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	120-277 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	Microwave Motion Sensor	

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

MAX AMPERAGE DRAW (A)

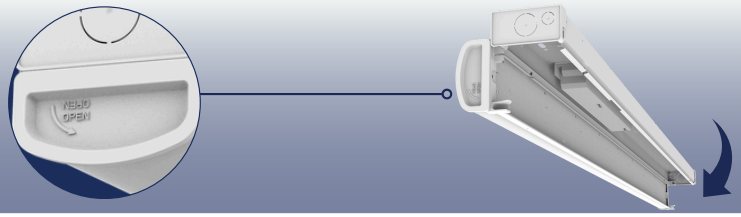
	SLA2-LED25A15	SLA4-LED35A25	SLA4-LED50A30	SLA8-LED90A60
120V	0.23	0.32	0.46	0.83
208V	0.13	0.19	0.26	0.48
240V	0.11	0.16	0.23	0.41
277V	0.10	0.14	0.20	0.36

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.



ORDERING GUIDE

		B	VK	WHT	DIM		
Fixture	**Wattage**	**Voltage**	**Colour Temp.**	**Finish**	**Dimming**	**Controls**	**Battery Backup**
SLA2	LED25A15	B - 120-277V	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						

Notes:
[1]Standard units are controls-ready for microwave motion sensors, which are programmed using a remote control. The sensors can also be factory-installed by selecting the DHFS option.
[2]Not offered with 2ft fixtures (SLA2).

Default Setting: Maximum Wattage and 4000K

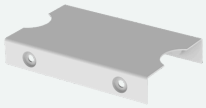
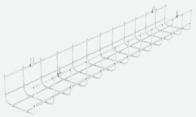
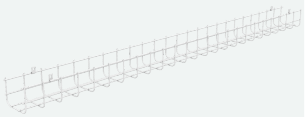
STOCK CODES

056683	SLA2-LED25A15-B-VK-WHT-DIM
056684	SLA4-LED35A25-B-VK-WHT-DIM
056685	SLA4-LED50A30-B-VK-WHT-DIM
056686	SLA8-LED90A60-B-VK-WHT-DIM
056694	SLA2-LED25A15-B-VK-WHT-DIM-DHFS
056695	SLA4-LED35A25-B-VK-WHT-DIM-DHFS
056696	SLA4-LED50A30-B-VK-WHT-DIM-DHFS
056697	SLA8-LED90A60-B-VK-WHT-DIM-DHFS

INCLUDED IN THE BOX

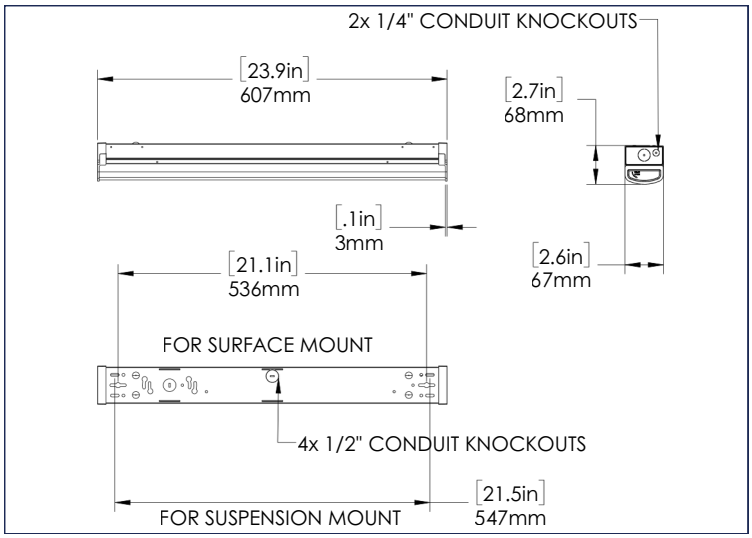
SURFACE MOUNT KIT	
JUNCTION BOX COVER	
V-HOOKS	

ACCESSORIES SOLD SEPARATELY

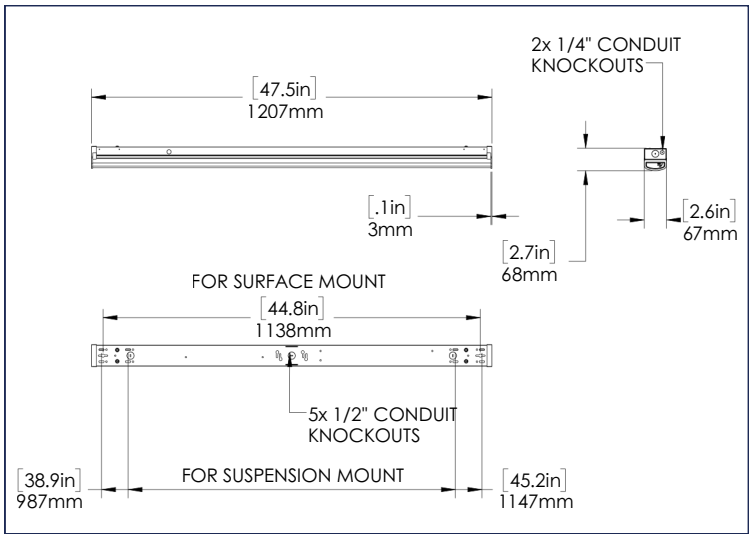
056687	SLA ROW MOUNT KIT WHT		**056692**	SLA8 REFLECTOR WINGS KIT WHT	
056688	SLA2 WIRE CAGE WHT		**056693**	10FT AIRCRAFT CABLE SET W/ SNAP HOOK & THIMBLE	
056689	SLA4 WIRE CAGE WHT		**055011**	MW20P-RCM-D1 (STANDALONE MICROWAVE SENSOR)	
056690	SLA8 WIRE CAGE WHT		**053199**	CONTROLLED RC-500 MOTION SENSOR REMOTE CONTROL	
056691	SLA4 REFLECTOR WINGS KIT WHT				

DIMENSIONS

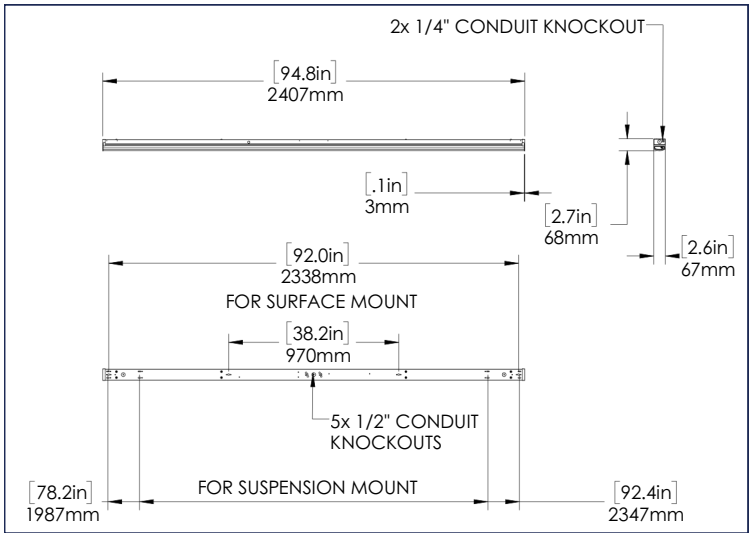
SLA2-LED



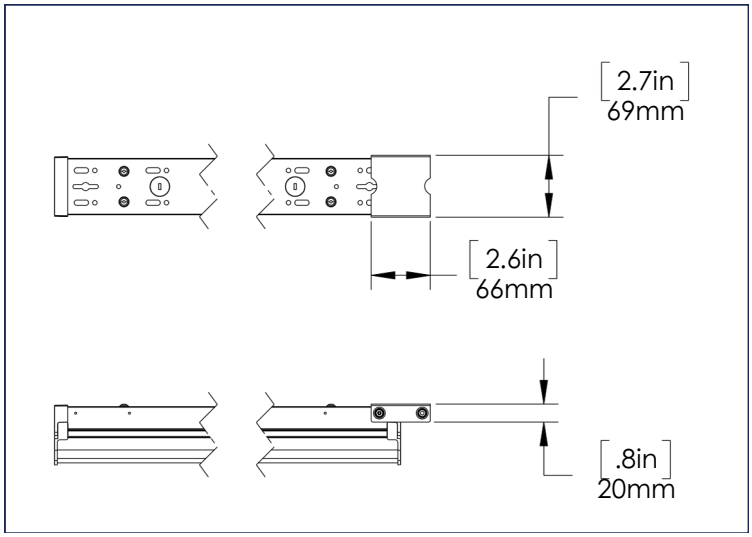
SLA4-LED



SLA8-LED



ROW MOUNT KIT

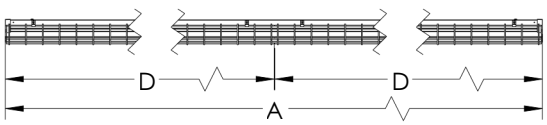


WIRE CAGE

SLA2 (2 FT) & SLA4 (4 FT)



SLA8 (8 FT)



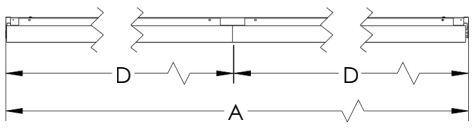
	SLA2	SLA4	SLA8
A	607mm [23.9 in]	1207mm [47.5 in]	2407mm [94.8 in]
B	76mm [3.0 in]	76mm [3.0 in]	76mm [3.0 in]
C	82mm [3.2 in]	82mm [3.2 in]	82mm [3.2 in]
D	-	-	1203mm [47.3 in]

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	120-277V
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.

MICROWAVE MOTION SENSOR



FEATURES

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

SPECIFICATION

Input Voltage	12VDC
Input Current	40mA Max.
Input Power	0.5W
Output Current	10mA Max. Sinking Current
Output Power	0.1W
Dimming	0-10VDC
Housing Material	Polycarbonate (UL 94-5VA)
Detection Range	45ft 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]

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

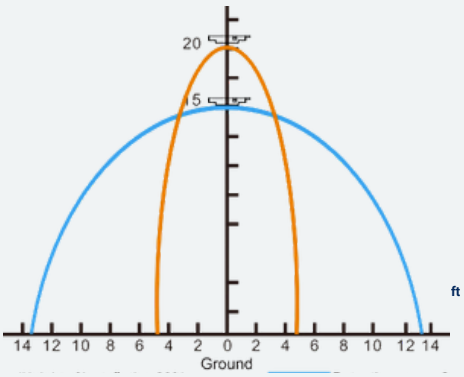
[2] Place magnetic sensor in LED board tray cutout; quick-connect wiring included for easy field installation.

DEFAULT SETTINGS

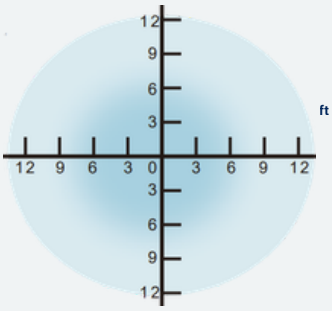
Motion Sensor	ON
Mode	Occupancy
Trim Level	100%
Sensitivity	High
Hold Time (TI)	5 min
Standby Dim	30%
Standby Time (T2)	60 min
Photocell/ Daylight Harvest	OFF

DETECTION COVERAGE

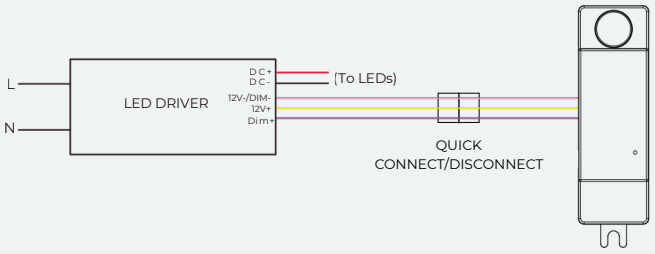
Side View



Top View (at 15ft Height)



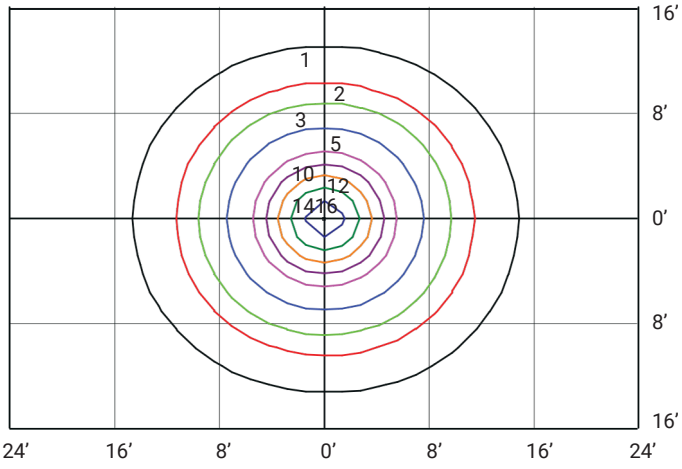
WIRING DIAGRAM



PHOTOMETRIC PLOTS

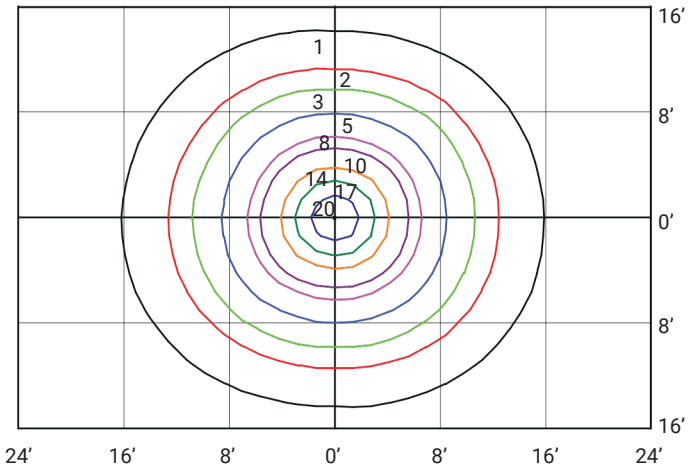
SLA2-LED25A15-B-VK-WHT-DIM (25W 5000K 120V)
MOUNTED AT 8 FEET

LUMENS 3722 MAX CALCULATED VALUE 17.13



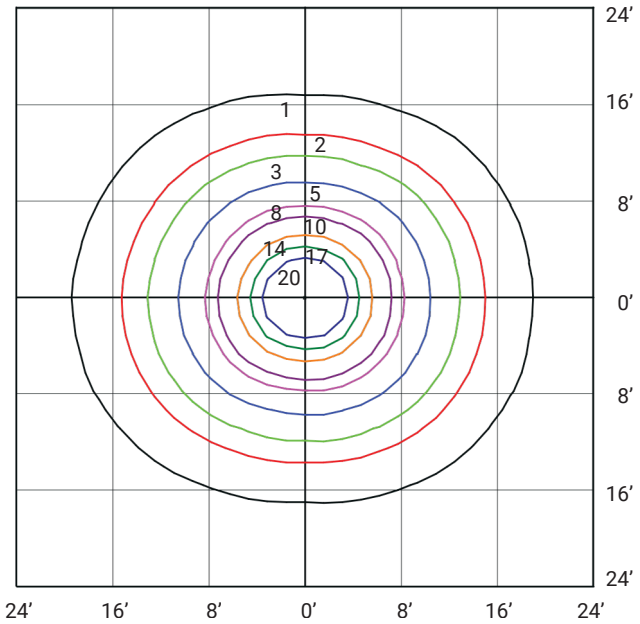
SLA4-LED35A25-B-VK-WHT-DIM (35W 5000K 120V)
MOUNTED AT 8 FEET

LUMENS 4912 MAX CALCULATED VALUE 22.19



SLA4-LED50A30-B-VK-WHT-DIM (50W 5000K 120V)
MOUNTED AT 8 FEET

LUMENS 7473 MAX CALCULATED VALUE 26.67



SLA8-LED90A60-B-VK-WHT-DIM (90W 5000K 120V)
MOUNTED AT 8 FEET

LUMENS 13250 MAX CALCULATED VALUE 58.27

