SL
LED
Slimline Architectural

Williams

CATALOG #: _____

5/8"
1-1/2"

TYPE: _____

PROJECT: _____

FEATURES

BUY AMERICAN ACT COMPLIANT

- Ultra-low profile ADA Compliant design blends with architectural environments
- Flexible mounting for walls, grid and hard surface ceilings
- Wide distribution and diffuse lens provides smooth, ambient illumination
- Extruded aluminum rail for pin-straight lines
- Quick and easy installation
- ADA compliant for wall mount applications
- Maximize energy savings with efficacies up to 112 lm/W
- Available with Avi-on wireless fixture controls
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – Extruded aluminum.
- SHIELDING – Frosted, matte acrylic.
- FINISH – Clear anodized white injection molded end caps.
- ELECTRICAL – High quality mid-power LED boards. L70 > 60,000 hours per IES TM-21.
- MOUNTING – Surface, wall, or ceiling grid mount.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - ADA Compliant
  - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY – 5-year limited fixture warranty, see hew.com/warranty.

avi-on®
Bluetooth® Lighting Controls

ORDERING EXAMPLE: SL - 4 - L10/835 - RD - WB - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS [1]	CRI	CCT	SHIELDING	MOUNTING [2]
SL	2 2'	L5 500lm	8 80	27 2700K	RD Round frosted acrylic	WB 15/16" T-bar bracket
	4 4'	L10 1,000lm	9 90 [3]	30 3000K		NB 9/16" T-bar bracket
	6 6'			35 3500K		SM Surface clip [4]
	8 8'			40 4000K		SB 1/4" Slotted t-bar bracket
				50 5000K		

OPTIONS

EM/10WRM Remote mount 10-watt emergency battery [6]
(L__) Additional lower lumen packages available.
Example: 800 lumens = SL-4-L10/835-RD-WB-(L8) [7]

CONTROL [5]

– None
AVI-LVFA Avi-on wireless fixture control [8]

REMOTE DRIVER [9]

DIM Dimming driver prewired for 0-10V low voltage applications
DRV Driver prewired for non-dimming applications
DA Driver with 12V auxiliary power, without external dimming wires [10]

VOLTAGE

120 120V
277 277V
UNV 120-277V

NOTES

1. Lumens per foot output based on 80 CRI/3500K. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
2. See page 3 for MOUNTING DETAILS.
3. Extended lead times may apply. Consult factory for availability.
4. Stainless steel.
5. See page 3 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
6. See page 2 for REMOTE MOUNT DETAILS.
7. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
8. DA Driver only.
9. Drivers must be remote mount. See page 2 for REMOTE MOUNT DETAILS. 10' fixture cable provided, consult factory for additional lengths.
10. Avi-on Controls only.

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Surface
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FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'	L5	996	9.4	106
	L10	1,941	18.3	106
4'	L5	1,992	17.9	111
	L10	3,882	36.0	108
6'	L5	2,988	26.5	113
	L10	5,823	53.4	109
8'	L5	3,984	35.2	113
	L10	7,764	70.3	110

MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

PHOTOMETRY

SL-2-L10/835-RD Total Luminaire Output: 1941 lumens; 18.3 Watts | Efficacy: 106.1 lm/W | 80 CRI; 3500K CCT
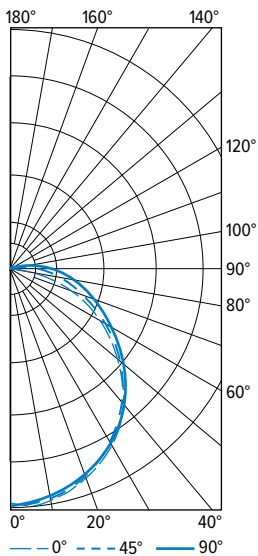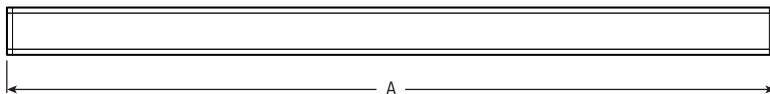

VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	611	611	611	
5	613	606	606	58
15	591	584	585	166
25	546	542	547	252
35	482	482	489	304
45	399	405	416	315
55	307	321	340	288
65	203	232	262	231
75	106	149	190	157
85	21	85	127	87
90	0	63	99	
95	0	43	78	45
105	0	21	45	22
115	0	9	24	10
125	0	4	10	4
135	0	0	4	0
145	0	0	0	0
155	0	0	0	0
165	0	0	0	0
175	0	0	0	0
180	0	0	0	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	474	24
	0 - 40	776	40
	0 - 60	1378	71
	0 - 90	1857	96
	90 - 120	80	4
	90 - 150	84	4
	90 - 180	84	4
	0 - 180	1941	100

FIXTURE DETAILS

BACKVIEW

	A
2'	24-1/4"
4'	48-1/4"
6'	72-1/4"
8'	96-1/4"

REMOTE MOUNT DETAILS

DRIVER AND EM OPTION

2-1/16"
23-13/16"
10-13/16"
EM battery
Driver
Plenum rated cables to fixture
Line voltage supply conduit to J-box, by others
Illuminated test button and flex conduit, provided

REMOTE DRIVER BOX

2-1/16"
23-9/16"
Driver
3-1/16"
Plenum rated cables to fixture
Line voltage supply conduit to J-box, by others

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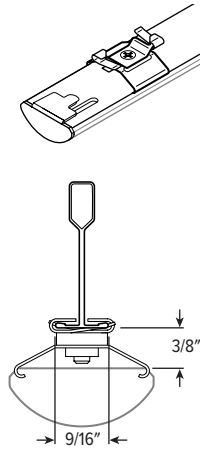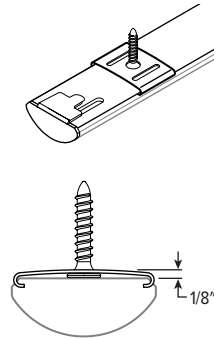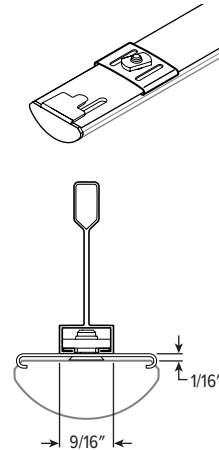## MOUNTING DETAILS

WB | 15/16" T-BAR
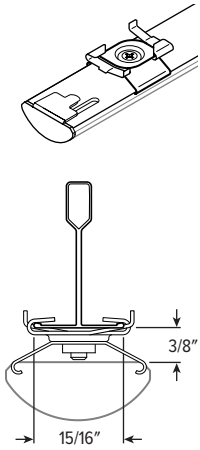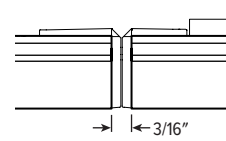
NB | 9/16" T-BAR

SM | SURFACE CLIP

SB | 1/4" SLOTTED T-BAR

CONTINUOUS ROW

When row mounting fixtures, end caps will be visible at intervals, dependent upon fixture lengths.

3/16"

3/8"

3/8"

1/8"

1/16"

15/16"

9/16"

9/16"

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple
- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable
- Virtually unlimited network size
- Spans small offices to large warehouses
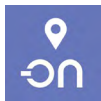- Flexible control strategies

Secure
- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

DIGITAL INSTALLATION TOOLS

Avi-On mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers.
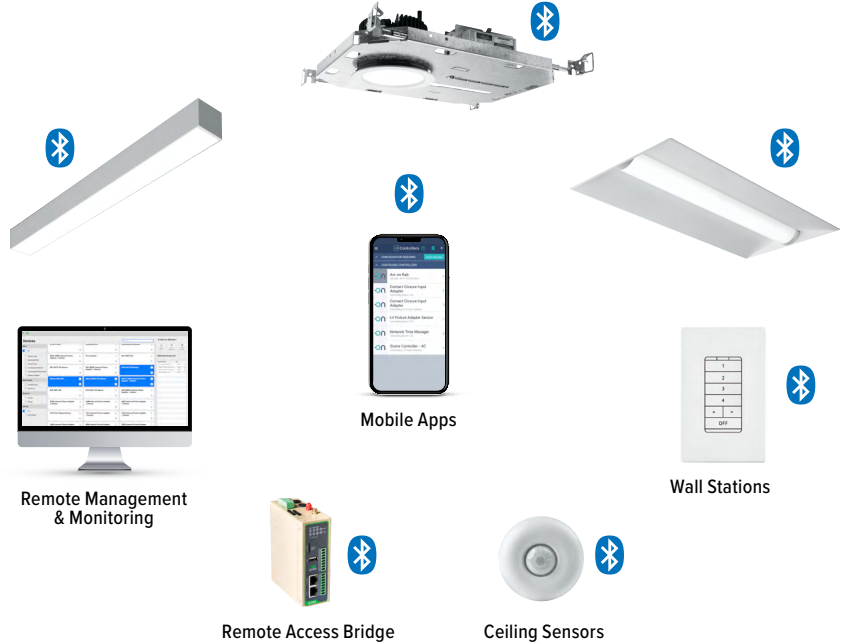
Commissioning Mobile App

Zone Scanner Web App

Commissioning Pro App

SYSTEM COMPONENTS

Mobile Apps

Remote Management & Monitoring

Wall Stations

Remote Access Bridge

Ceiling Sensors

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ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-2401AC-3	On/off/dimming, 120-277VAC
AVI-2402BAT-3	On/off/dimming, battery powered

For load controllers and additional accessory info, see hew.com/avi-on

NETWORK	
AVI-RAB-LTE	Remote access bridge – LTE connection
AVI-2001RAB-01-C	Remote access bridge – Wifi connection
AVI-KIT-NTM	Network time manager with battery backup

CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit