SL
LED
Slimline Architectural

Williams®

CATALOG #: _____

TYPE: _____

PROJECT: _____

BUY AMERICAN ACT COMPLIANT *ADA Compliant*

FEATURES

- Ultra-low profile design blends with architectural environments
- Flexible mounting for walls, grid and hard surface ceilings
- Installs inconspicuously in confined spaces such as cove or under cabinet applications
- Wide distribution and diffuse lens provides smooth, ambient illumination
- Invisible lens seams with diffuser film
- Extruded aluminum rail for pin-straight lines in seamless, continuous rows
- Quick and easy installation
- Fixture and driver kits are boxed together for easy installation
- ADA compliant for wall mount applications
- Maximize energy savings with efficacies up to 111 lm/W
- Wireless control solutions available
- 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. See fixture performance data for lumen maintenance.
- **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.

ORDERING EXAMPLE: SL - S - 4 - L5/835 - RD - WB - PC10 - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	STYLE [1]	TOTAL LENGTH	LUMENS [2]	CRI	CCT	SHIELDING
SL	**S** Stand-alone, 2-8'	Lengths specified in 2' increments	**L3** 300lm	**8** 80	**27** 2700K	**RD** Round frosted acrylic
	P Multi-fixture pattern powered by one driver	Example: **16** = 16'	**L5** 500lm	**9** 90 [3]	**30** 3000K	
	C Continuous row powered by one driver		**L10** 1,000lm		**35** 3500K	
					40 4000K	
					50 5000K	

Product Builder

Easily build rows & patterns with the Williams Product Builder at hew.com/product-builder

Stand-alone

Continuous Row

Pattern

MOUNTING [4]	CONFIGURATION	CABLE LENGTH	OPTIONS	
WB 15/16" T-bar bracket	*For multi-fixture patterns or continuous rows, see the product builder*	**PC10** 10' plenum-rated cable(s) to driver box [6]	**EM/10WRM**	Remote mount 10-watt emergency battery [8]
NB 9/16" T-bar bracket		**PC20** 20' plenum-rated cable(s) to driver box [7]	**(L__)**	Additional lower lumen packages available. **Example:** 800 lumens = SL-4-L10/835-RD-WB-**(L8)** [9]
SM Surface clip [5]				
SB 1/4" Slotted t-bar bracket				

CONTROL		REMOTE DRIVER [10]		VOLTAGE	
–	None	**DIM**	Dimming driver prewired for 0-10V low voltage applications	**120**	120V
AVI-LVFA	Avi-on wireless fixture control [11]	**DRV**	Driver prewired for non-dimming applications	**277**	277V
AWNR	Lutron Athena wireless node integral fixture control, RF only [12]	**DA**	Driver with 12V auxiliary power, without external dimming wires [13]	**UNV**	120-277V
		DSR	Sensor-ready driver without external dimming wires (D4i DALI-2) [14]		

NOTES

1. Length restrictions apply for P and C styles, see product builder for available configurations.
2. Lumens per foot output based on 80 CRI/3500K. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
3. Extended lead times may apply. Consult factory for availability.
4. See page 3 for MOUNTING DETAILS.
5. Stainless steel.
6. Standard for lengths up to 16'.
7. Standard for lengths 16' and above, can be specified for lengths under 16'.
8. See page 2 for FIXTURE DETAILS.
9. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
10. Drivers must be remote mount. See page 2 for FIXTURE DETAILS. 10' fixture cable provided, see options for additional lengths.
11. DA Driver only. See page 4 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
12. DA and DSR Drivers only.
13. Avi-on and Lutron Athena Controls only.
14. Lutron Athena Controls only.
15. Consult factory.

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FIXTURE PERFORMANCE DATA

PER FOOT

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L3	312	2.8	111
L5	506	4.7	108
L10	990	8.9	111

LUMEN MAINTENANCE [1]

L70	L80	L85	L90
>60000	>60000	>60000	56000
>60000	>60000	>60000	56000
>60000	>60000	>60000	56000

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

[1] Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.

MULTIPLIER TABLE

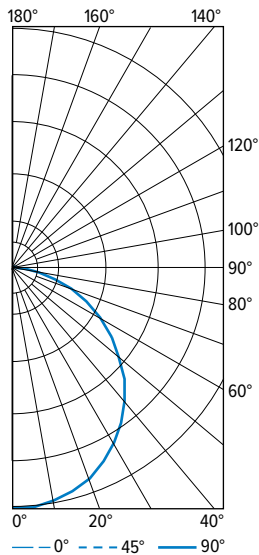| COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

PHOTOMETRY

SL-4-L5/835-RD Total Luminaire Output: 2022 lumens; 17.3 Watts | Efficacy: 117 lm/W | 80 CRI; 3500K CCT
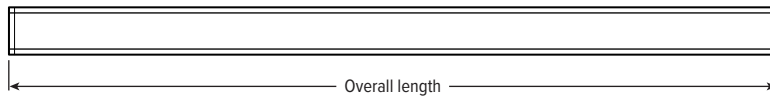

CANDLEPOWER DISTRIBUTION — — 0° - - - 45° —— 90°

VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	636	636	636	
5	639	631	631	60
15	616	608	609	172
25	569	565	570	261
35	502	502	509	315
45	416	422	433	327
55	320	334	354	300
65	211	242	273	240
75	110	155	198	165
85	22	89	132	94
90	0	66	103	
95	0	45	81	48
105	0	22	47	24
115	0	9	25	11
125	0	4	10	4
135	0	0	4	1
145	0	0	0	0
155	0	0	0	0
165	0	0	0	0
175	0	0	0	0
180	0	0	0	

LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0 - 30	494	24
0 - 40	809	40
0 - 60	1435	71
0 - 90	1934	96
90 - 120	83	4
90 - 150	88	4
90 - 180	88	4
0 - 180	2022	100

FIXTURE DETAILS

BACKVIEW

Overall length

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

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MOUNTING DETAILS

WB | 15/16" T-BAR

3/8"
15/16"

NB | 9/16" T-BAR

3/8"
9/16"

SM | SURFACE CLIP

1/8"

SB | 1/4" SLOTTED T-BAR

1/16"
9/16"
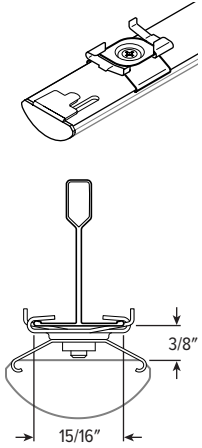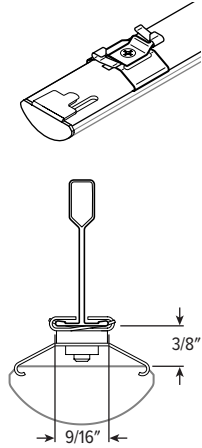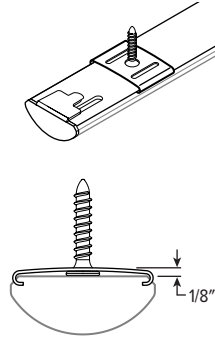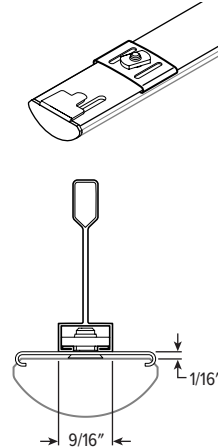
FIXTURE DETAILS

REMOTE DRIVER BOX

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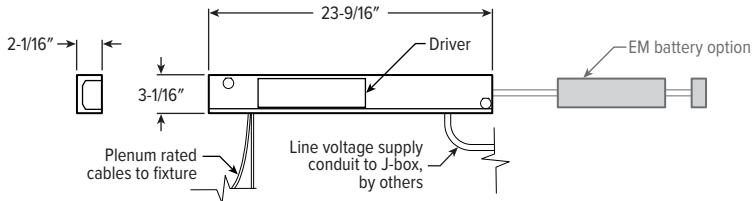
CONTINUOUS ROW ASSEMBLY

(2) Plenum rated cables for 6' and 8' fixtures
Endcap
Remote driver box
(1) Plenum rated cable for 2' and 4' fixtures
Row aligner & diffuser film

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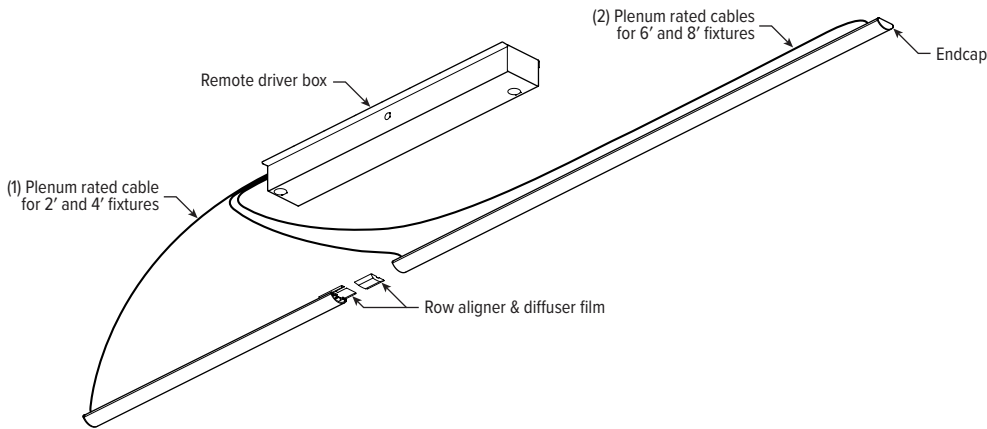
AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

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

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.
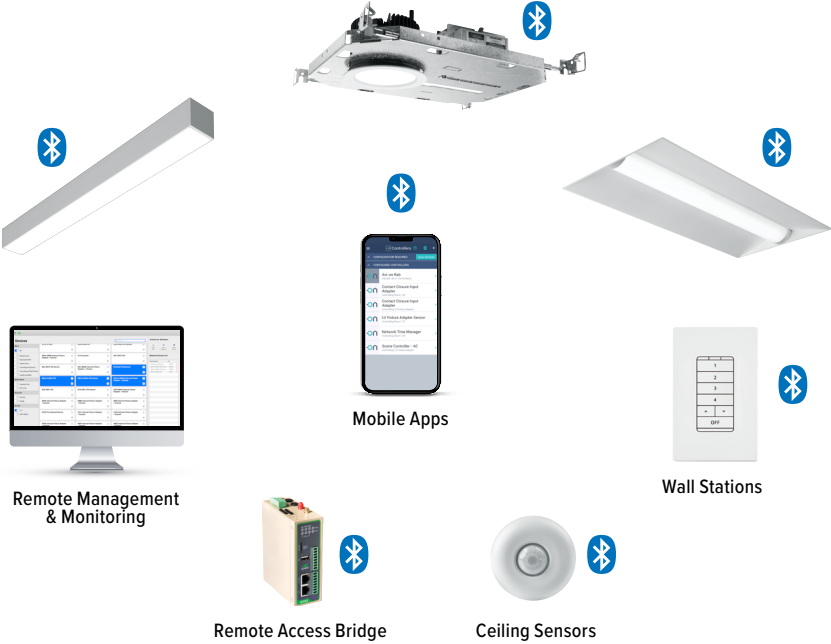
Commissioning Mobile App

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

NETWORK	
AVI-RAB-LTE	Remote access bridge
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

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