

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Low-profile wrap-around provides uniform downward light distribution and subtle side illumination
- Shallow depth provides low-profile appearance
- Diffuser is secured continuously along luminaire sides
- Mounts easily as a single fixture or in continuous row installations
- Wireway is accessible without the use of tools
- High-performance up to 141 lm/W
- Available on QuickShip
- Available with Avi-on wireless fixture controls
- Made Right Here® in the USA



ORDERING EXAMPLE: 17 - 4 - L55/835 - AF - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING	OPTIONS ^[2]
17	2 2'	2'	8 80	30 3000K	AF Frosted prismatic acrylic diffuser	EM/10WLP Low-profile 10-watt emergency battery ^[5]
	4 4'	L27 2,700lm	9 90 ^[4]	35 3500K		EM/10WRM Remote mount 10-watt emergency battery
	8 8' ^[3]	4'		40 4000K		GAT T-bar fastener for 320 ceiling spacer
		L55 5,500lm				SS-12 Single stem & canopy, 12" ^[6]
		8'				SWS-12 Stem & swivel canopy, 12" ^[7]
		L110 11,000lm				VBY (2) Y-hangers
						VBY-2 (2) Y-hangers and (2) 2' chains
						(L__) Additional lower lumen packages available.
						Example: 4,000 lumens = 17-4-L55/835-(L40) ^[8]

SPECIFICATIONS

- HOUSING – 20-gauge die-formed C.R.S. End plates constructed of 19-gauge die-formed C.R.S.
- SHIELDING – Frosted prismatic acrylic diffuser with 15% DR additive, .100" nominal thickness. Prismatic bottom and continuous wrap sides.
- FINISH – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. See fixture performance data for lumen maintenance.
- MOUNTING – Surface or suspended.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

CONTROL ^[9]

–	None
AVI-LVFA	Avi-on wireless fixture control ^[11]
AVI-LVFA-CS2-PIR	Avi-on wireless fixture control with PIR motion and daylight sensor ^[12]

DRIVER ^[10]

DIM	Driver with external dimming wires
DRV	Driver without external dimming wires
DA	Driver with 12V auxiliary power, without external dimming wires ^[13]

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V

QUICKSHIP

17-4-L55/835-AF-QS-DIM-UNV



NOTES

- Lumen output based on 80 CRI/3500K CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- See page 3 for FINISH OPTIONS. Custom colors available upon request. See page 2 for MOUNTING DETAILS.
- Ships with (2) 4' lenses.
- Extended lead times may apply. Consult factory for availability.
- Not available with 2' units.
- Two stem sets required. One additional stem set required for each row mounted fixture.
- Two stem sets required. One additional stem set required for each row mounted fixture.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 4 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS. See page 3 for SENSOR PLACEMENT DETAILS.
- See page 3 for ADDITIONAL DRIVER OPTIONS.
- DA Driver only.
- DA Driver only.
- Avi-on Controls only.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	LUMEN MAINTENANCE		
					L80	L85	L90
2'	L27	2915	21.3	137	>72000	58,000	36,000
4'	L55	5947	42.3	141	>72000	58,000	36,000
8'	L110	11065	78.3	141	>72000	58,000	36,000

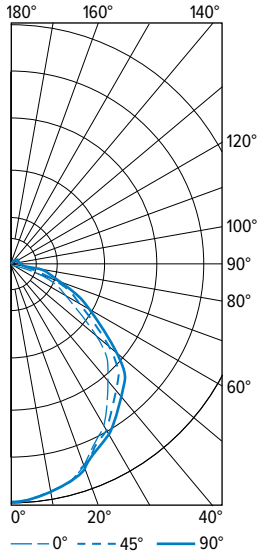
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and In situ temperature measurement.
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	3000K	0.99
	3500K	1.00
	4000K	1.03
90 CRI	3000K	0.82
	3500K	0.83
	4000K	0.86

PHOTOMETRY

17-4-L55/835-AF-DRV-UNV Total Luminaire Output: 5947 lumens; 42.3 Watts | Efficacy: 140.6 lm/W | 80 CRI; 3500K CCT

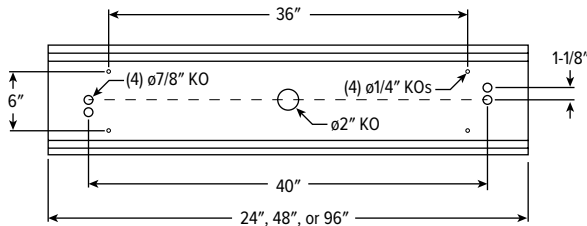


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2131	2131	2131	
5	2155	2111	2102	201
15	2072	2032	2022	575
25	1900	1867	1872	865
35	1635	1622	1658	1023
45	1275	1310	1361	1011
55	869	952	1023	846
65	513	618	692	605
75	249	342	421	362
85	51	130	201	155
90	0	72	137	
95	0	70	130	75
105	0	67	113	66
115	0	62	101	57
125	0	54	85	45
135	0	44	66	31
145	0	34	53	18
155	0	27	34	9
165	0	0	27	3
175	0	0	0	0
180	0	0	0	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	1641	28
	0 - 40	2665	45
	0 - 60	4521	76
	0 - 90	5643	95
	90 - 120	198	3
	90 - 150	292	5
	90 - 180	305	5
	0 - 180	5947	100

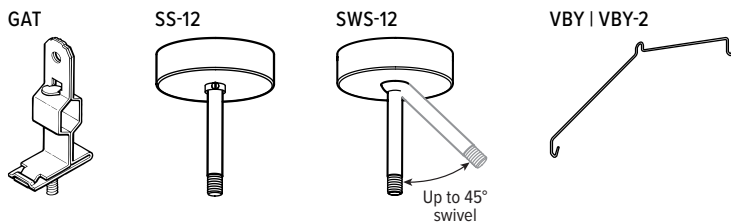
FIXTURE DETAILS

BACKVIEW



Note: Midsection punching for 4' and 8' only.
8' consists of duplicate 4' punching.

MOUNTING DETAILS



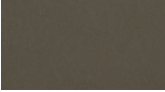
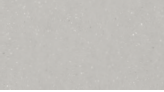
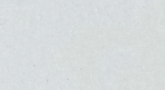
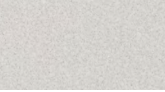


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LED

Narrow Low-Profile Wrap

FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM
					

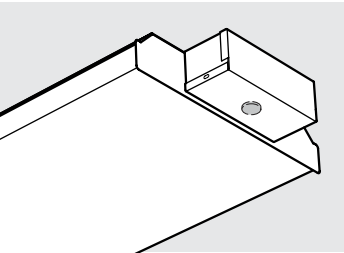
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver

SENSOR PLACEMENT DETAILS



SEE NEXT PAGE FOR CONTROL DETAILS

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

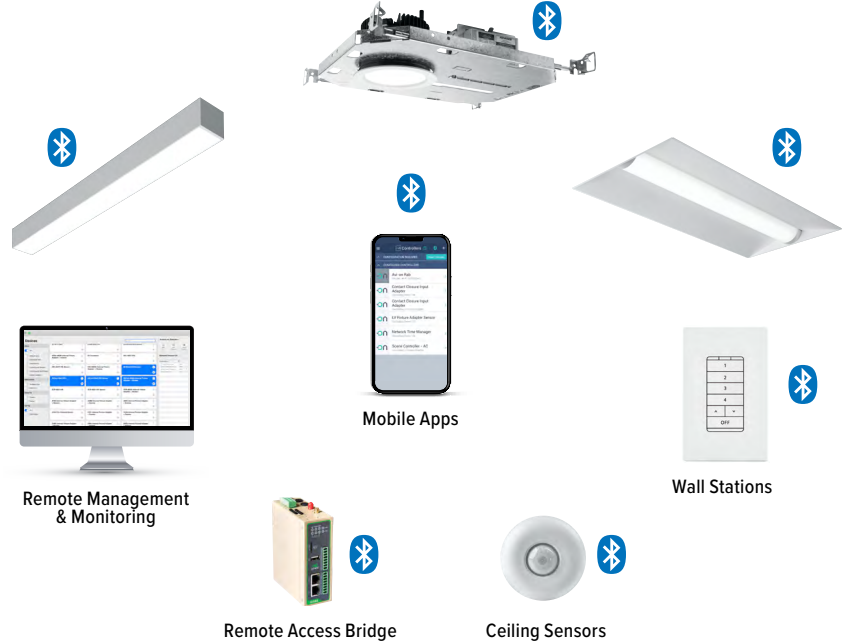


Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



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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 – 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

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

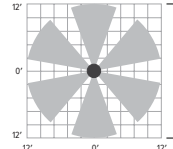
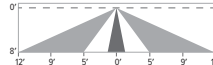
AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor. DA Driver only.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 50°C
RELATIVE HUMIDITY	10 to 80% non-condensing
IP RATING	IP20
MANUFACTURER	Avi-On

SENSOR COVERAGE PATTERNS

Side View

8' height: Ø24' coverage



SENSOR DETAIL



Dimensions: 13/16" x 2-1/4"



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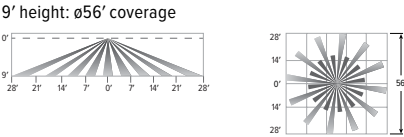
LED

Narrow Low-Profile Wrap

OCCSS LSXR-10-120-277 Sensor Switch PIR motion sensor, 120-277V
OCCSS LSXR-10-347/480 Sensor Switch PIR motion sensor, 347/480V

SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	7' – 15'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 60°C
RELATIVE HUMIDITY	Up to 90% non-condensing

SENSOR COVERAGE PATTERNS



SENSOR DETAIL

