

Shown with mounting bracket

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Complementary to Williams' A13 Series, the decorative and versatile AIW provides functional indirect illumination
- Non-perforated housing or 33% open perforation beneath LEDs offers choice of appearance
- Translucent matte white acrylic over perforations provides uniform, luminous effect
- Fixture attaches to wall bracket for simple installation
- Driver and wireway assembly remove for easy maintenance
- Self-aligning joining method ensures straight rows
- Maximize energy savings with efficacies up to 122 lm/W
- Available with Avi-on wireless fixture controls
- Made Right Here[®] in the USA

SPECIFICATIONS

- HOUSING** – 20-gauge die-formed, welded C.R.S.
- REFLECTIVE SURFACES** – 92% minimum average reflective white polyester powder coat on interior steel components.
- SHIELDING** – Die-formed C.R.S. white polyester powder coated diffuser. Frosted acrylic.
- FINISH** – Textured matte white polyester TGIC 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** – Fixture attaches to wall mounted, powder coated, die-formed C.R.S. bracket.
- LISTINGS** – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.



ORDERING EXAMPLE: AIW P33 - 4 - L6/835 - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	PERFORATION OPTIONS ^[1]	LENGTH	LUMENS ^[2]	CRI	CCT	
AIW	P33	33% open perforation with matte white acrylic overlay	Stand-alone – 4' & 8' nominal lengths, fixture ships assembled. Example: 4 = 4'	L6 600lm L11 1,100lm	8 80 9 90 ^[3]	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K
	SLD	Solid bottom	Row-mount – Lengths specified in 4' increments Example: 12 = 12'			

PRODUCT BUILDER
Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

OPTIONS ^[4]	CONTROL	DRIVER ^[5]	VOLTAGE
EM/7WLP	– None	DIM Driver with external dimming wires	120 120V 277 277V
EM/10WLP	AVI-LVFA Avi-on wireless fixture control ^[7]	DRV Driver without external dimming wires	UNV 120-277V 347 347V ^[9]
(L__)		DA Driver with 12V auxiliary power, without external dimming wires ^[8]	

NOTES

- See page 2 for PERFORATION OPTIONS DETAILS.
- Lumens per foot output based on 3500 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS. Custom colors available upon request.
- See page 4 for ADDITIONAL DRIVER OPTIONS.
- (L7) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- DA Driver only. See page 4 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
- Avi-on Controls only.
- Not available with EM batteries or Avi-on Controls.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	LUMEN MAINTENANCE		
					L80	L85	L90
4'	L6	2,405	20.8	115.8	>72000	58,000	36,000
	L11	4,471	37.5	119.4	>72000	58,000	36,000
8'	L6	4,811	40.0	120.3	>72000	58,000	36,000
	L11	8,810	72.0	122.4	>72000	58,000	36,000

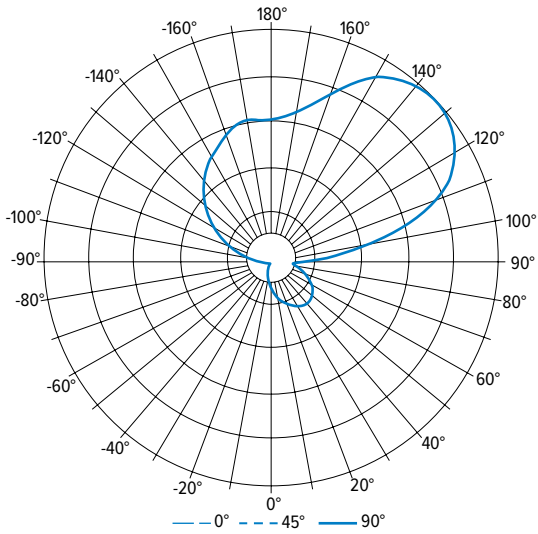
MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
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%
- 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.

PHOTOMETRY

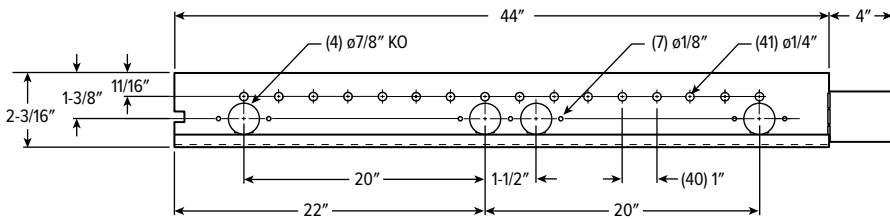
AIWP33-4-L6/835-DIM-UNV Total Luminaire Output: 2405 lumens; 20.8 Watts | Efficacy: 116 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	112	112	112	112	112	
5	121	120	114	103	99	11
15	143	132	108	83	76	31
25	160	139	97	61	52	46
35	169	138	81	40	31	56
45	170	130	61	22	15	59
55	162	116	40	11	7	56
65	144	96	22	5	3	49
75	118	71	11	3	2	38
85	87	44	4	3	2	26
90	69	31	2	3	4	
95	73	55	29	36	40	50
105	196	171	96	98	102	138
115	459	378	178	162	163	256
125	823	661	287	244	238	382
135	964	744	391	351	339	410
145	856	685	449	428	428	345
155	722	614	481	471	469	251
165	606	556	506	509	505	151
175	528	520	519	517	522	50
180	517	517	517	517	517	

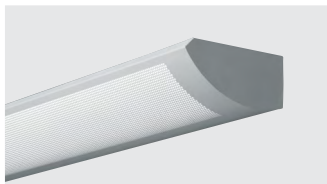
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	88	4
	0 - 40	144	6
	0 - 60	259	11
	0 - 90	372	16
	90 - 120	443	18
	90 - 150	1581	66
	90 - 180	2033	85
	0 - 180	2405	100

BACKVIEW

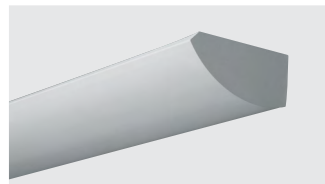


PERFORATION OPTIONS DETAILS

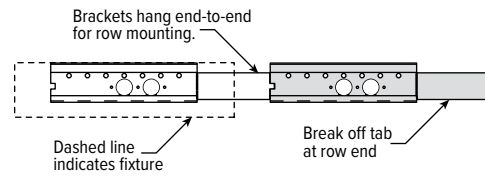
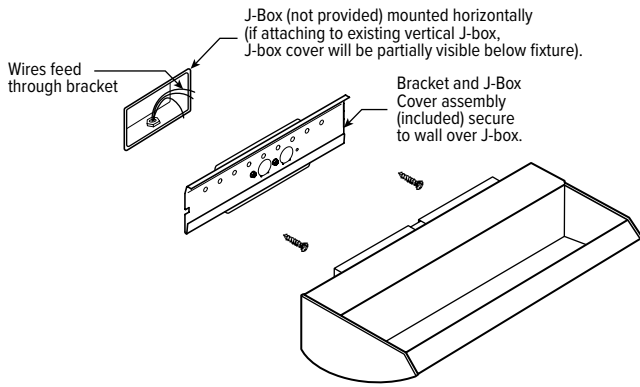
P33



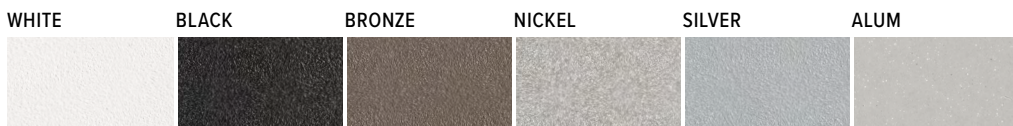
SLD



MOUNTING DETAILS



FINISH OPTIONS



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.

SEE NEXT PAGE FOR CONTROL DETAILS

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

AVI-ON NETWORK FEATURES

Simple

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

Scalable

- Virtually unlimited network size
- Spans small areas 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
CONNECTIVITY	
AVI-2001RAB-01-P	Remote access bridge for projects 100 or greater
AVI-2001RAB-01-C	Remote access bridge for projects less than 100
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

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	Dimming driver with 12V auxiliary
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver

