

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

**FEATURES**

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Efficacies up to 112 lm/W
- Contoured housing, end caps and louver provide an attractive source of direct lighting
- Design elements on side panels add interest while producing subtle uplight
- Moveable mounting hardware slides easily along the length of the fixture providing variable mounting points
- Heavy-duty construction features extruded aluminum housing and die-cast end caps
- Contoured aluminum louvers improve aesthetics while shielding LEDs from view
- White louver finish improves fixture efficiency
- Made Right Here® in the USA

**ORDERING EXAMPLE: AXA - 4 - P14/835 - LVRS - AC/D48 - POE PR**

**ORDERING INFO**

SERIES	NOMINAL LENGTH	LUMENS <sup>(1)</sup>	CRI	CCT
AXA	Stand-alone: 4' & 8' nominal lengths, fixture ships assembled	P7 700	8 80	27 2700K
	Example: 4 = 4'	P14 1,400	9 90 <sup>(2)</sup>	30 3000K
	Row-mount: Lengths specified in 4' increments			35 3500K
	Example: 12 = 12'			40 4000K
	Product Builder			50 5000K
	Simplify ordering & layout design with the Williams Linear Product Builder at <a href="http://hew.com/product-builder">hew.com/product-builder</a>			TW Tunable white (80 CRI, 3000K–5000K)

SHIELDING <sup>(3)</sup>	MOUNTING (EXAMPLE: AC/D48) <sup>(4)</sup>			CONTROL <sup>(5)</sup>
	Prefix	Type	Length	POE PR
LVRS Slotted uplight (3%)		D 1" grid & hardpan	24 24"	Power over Ethernet, Platformatics-ready
LVRD Linear dot uplight (3%)	AC/	N 9/16" grid	48 48"	
LVRC Closed side panels		S Slot grid	96 96"	

**SPECIFICATIONS**

- HOUSING – Extruded aluminum with die-cast end caps.
- SHIELDING – Highly reflective white curved baffle louver with matte white acrylic overlay.
- 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 board. L70 > 50,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING – Suspended. 1/16" diameter x 24" adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.
- LABELS – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**SYSTEM REQUIREMENTS**

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see [hew.com/poe](http://hew.com/poe)
- Consult factory for design support

**NOTES**

- <sup>1</sup> Nominal lumens per foot output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- <sup>3</sup> See page 3 for FIXTURE STYLES.
- <sup>4</sup> See page 4 for MOUNTING DETAILS.
- <sup>5</sup> See page 2 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).



## FIXTURE PERFORMANCE DATA

### STANDARD

	LED PACKAGE/FOOT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	P7	2727	23.0	118.8
	P14	5414	47.7	113.6
8'	P7	5417	47.4	114.2
	P14 <sup>1</sup>	10828	95.3	113.6

### TUNABLE WHITE

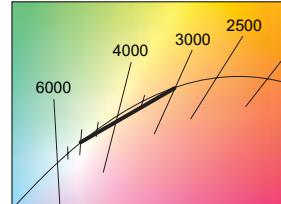
	LED PACKAGE/FOOT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	P7	2737	24.8	110.5
	P14	5396	47.9	112.6
8'	P7	5403	48.1	112.5
	P14 <sup>1</sup>	10793	95.8	112.6

<sup>1</sup> Fixture contains two nodes, one power drop per node required.

### MULTIPLIER TABLES

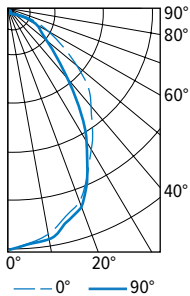
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	-
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.80	-
	3000K	0.82	-
	3500K	0.83	-
	4000K	0.86	-
	5000K	0.89	-

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary ±5%.
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary ±5%.
- Use multiplier tables to calculate additional options.



### PHOTOMETRY

AXA-4-P14/835-LVRS Total Luminaire Output: 5507 lumens; 49 Watts | Efficacy: 112 lm/W | 80 CRI; 3500K CCT

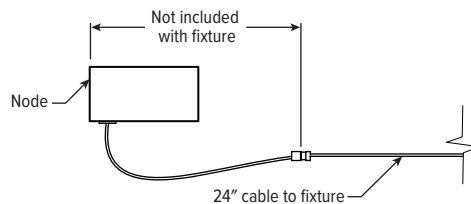


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	3060	3060	3060	
5	2971	2976	2992	283	
15	2720	2739	2795	778	
25	2317	2297	2324	1061	
35	1838	1713	1584	1066	
45	1440	1181	907	896	
55	915	646	535	624	
65	506	375	371	402	
75	215	193	183	213	
85	63	57	58	68	
90	6	12	15		
95	1	10	14	11	
105	2	11	15	11	
115	6	15	17	14	
125	12	21	23	18	
135	14	23	24	18	
145	23	28	28	17	
155	28	33	31	15	
165	30	35	35	9	
175	31	31	30	3	
180	30	30	30		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2123	39
	0 - 40	3189	58
	0 - 60	4709	86
	0 - 90	5392	98
	90 - 130	36	1
	90 - 150	89	2
	90 - 180	116	2
	0 - 180	5507	100

### NODE CONNECTION DETAILS

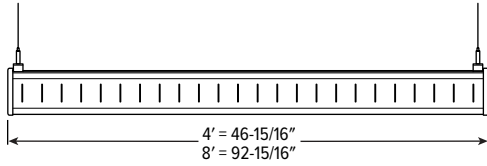
Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: [platformatics.com/product/poe-ln2](http://platformatics.com/product/poe-ln2)



# AXA PoE | tunable **WHITE** Architectural Contoured Louver

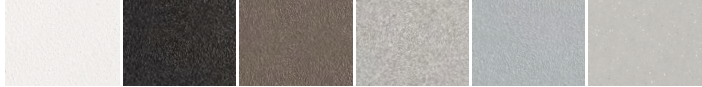
## FIXTURE DETAILS

### SIDE VIEW



## FINISH OPTIONS

WHITE    BLACK    BRONZE    NICKEL    SILVER    ALUMINUM



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.

## FIXTURE STYLES

LVRS



LVRD

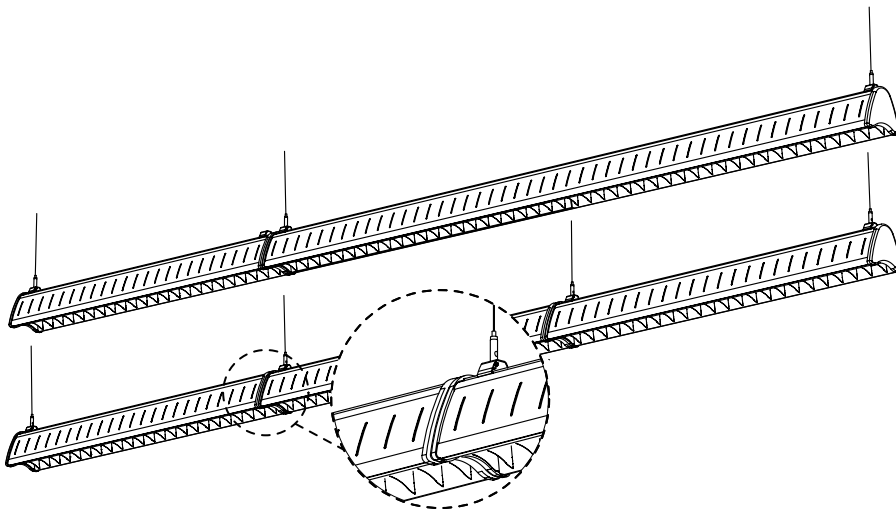


LVRC



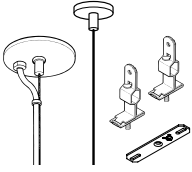
## CONTINUOUS ROW FIXTURES

When row mounting fixtures, joint between fixtures will be visible at 4' and 8' intervals depending on fixture length.



## MOUNTING DETAILS

### STANDARD HARDWARE (Grid & Hardpan)



- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row. One power drop per node required.

### AIRCRAFT CABLE



Mounting brackets can be positioned anywhere along the length of the fixture housing. It is recommended to locate mounting brackets no more than 8" away from the end plates of the fixture.

