

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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
- Made Right Here® in the USA



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

ORDERING INFO

SERIES	NOMINAL LENGTH	LUMENS ^[1]	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 ^[2]	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 hew.com/product-builder			TW Tunable white (3000K-5000K)
				TW2 Tunable white (2700K-6500K)

SHIELDING ^[3]	MOUNTING (EXAMPLE: AC/D48) ^[4]			CONTROL ^[5]
LVRS Slotted uplight (3%)	Prefix	Type	Length	POE PR Power over Ethernet-ready
LVRD Linear dot uplight (3%)	AC/	D 1" grid & hardpan	24 24"	
LVRC Closed side panels		N 9/16" grid	48 48"	
		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.
- 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.

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

NOTES

- 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.
- Extended lead times may apply. Consult factory for availability.

- See page 3 for FIXTURE STYLES.
- See page 3 for MOUNTING DETAILS.
- For additional PoE connection details, consult factory.



FIXTURE PERFORMANCE DATA

STANDARD

	LED PACKAGE/FOOT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	P7	2727	23.0	119
	P14	5414	47.7	114
8'	P7	5417	47.4	114
	P14 ¹	10828	95.3	114

¹ Fixture contains two nodes, one power drop per node required.

TUNABLE WHITE

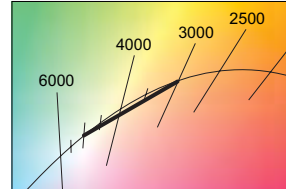
	LED PACKAGE/FOOT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	P7	2737	24.8	110
	P14	5396	47.9	113
8'	P7	5403	48.1	112
	P14 ¹	10793	95.8	113

MULTIPLIER TABLES

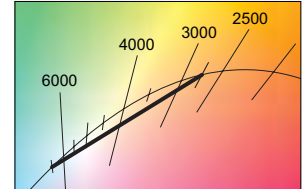
COLOR TEMPERATURE				
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	—	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	—	—	1.01
90 CRI	2700K	0.80	—	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	—	—	1.02

- 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.

TW

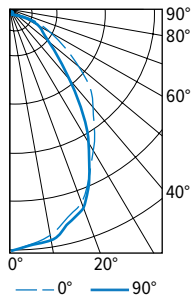


TW2



PHOTOMETRY

AXA-4-P14/835-LVRS Total Luminaire Output: 5414 lumens; 47.7 Watts | Efficacy: 114 lm/W | 80 CRI; 3500K CCT

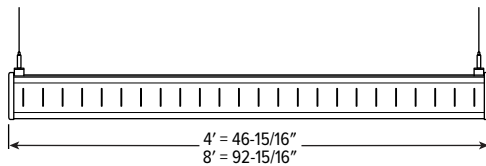


	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	3060	3060	3060	
	5	2971	2976	2992	283
	15	2720	2739	2795	778
	25	2317	2297	2324	1061
	35	1838	1713	1584	1066
	45	1440	1181	907	896
	55	915	646	535	624
	65	506	375	371	402
	75	215	193	183	213
	85	63	57	58	68
	90	6	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	

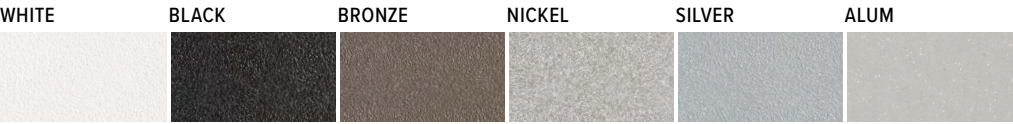
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	2123	39
	0 - 40	3189	58
	0 - 60	4709	86
	0 - 90	5392	98
	90 - 130	36	1
	90 - 150	89	2
	90 - 180	116	2
	0 - 180	5507	100

FIXTURE DETAILS

SIDE VIEW



FINISH OPTIONS



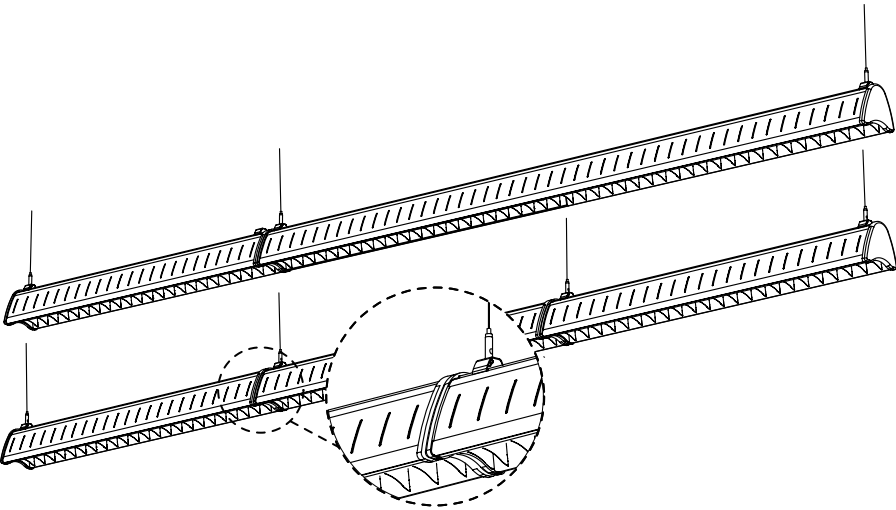
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

FIXTURE STYLES



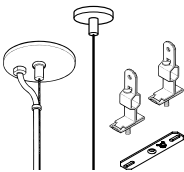
CONTINUOUS ROW FIXTURES

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.

