

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

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

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

**FEATURES**

- 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
- Efficacies up to 101 lm/W
- 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

**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. 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).

**ORDERING EXAMPLE: AXA - 4 - L14/8TW - LVRS - AC/D48 - OPTIONS - DIM - UNV**

**ORDERING INFO**

SERIES	NOMINAL LENGTH	LUMENS <sup>(1)</sup>	CRI	CCT
AXA	Stand-alone: 4' & 8' nominal lengths, fixture ships assembled	L8 800	8 80	TW Tunable white (3000K-5000K)
	Example: 4 = 4'	L14 1,400	9 90 <sup>(2)</sup>	TW2 Tunable white (2700K-6500K)
	Row-mount: Lengths specified in 4' increments			
	Example: 12 = 12'			
<b>Product Builder</b>				
Simplify ordering & layout design with the Williams Linear Product Builder at <a href="http://hew.com">hew.com</a>				

SHIELDING	MOUNTING (EXAMPLE: AC/D48) <sup>(3)</sup>			OPTIONS <sup>(4)</sup>
	Prefix	Type	Length	EM/10W REMOTE
LVRS Slotted uplight (3%)				Remote mount emergency battery <sup>(5)</sup>
LVRD Linear dot uplight (3%)	AC/	D 1" grid & hardpan	24 24"	EM/10WLP Low-profile 10-watt emergency battery <sup>(6)</sup>
LVRC Closed side panels		N 9/16" grid	48 48"	(L___) Additional lower lumen packages available. <sup>(7)</sup>
		S Slot grid	96 96"	Example: 1,000 nominal lumens = AXA-4-L14/8TW-LVRS-(L10).

DRIVER	VOLTAGE
DALI Driver prewired for DALI applications	120 120V
DIM (1) 0-10V signal to control dimming	277 277V
(1) 0-10V signal to control CCT	UNV 120-277V
DMX Driver prewired for DMX applications	
PSQ Lutron T-Series 2-channel tunable white 1%.	

**NOTES**

- Nominal 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 4 for MOUNTING DETAILS.
- See page 3 for FINISH OPTIONS.
- 4' only, see page 2 for FIXTURE DETAILS
- 8' only. Additional lumen packages available, see options.
- (L5) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

# AXA tunable WHITE Architectural Contoured Louver

## FIXTURE PERFORMANCE DATA

	LED PACKAGE/FOOT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	L8	3148	31.0	101.6
	L14	5313	55.8	95.3
8'	L8	6185	60.8	101.8
	L14	10626	111.5	95.3

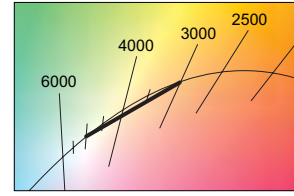
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## MULTIPLIER TABLE

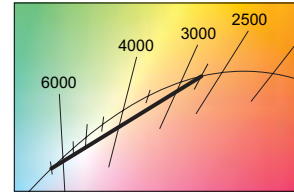
		COLOR TEMPERATURE			
CCT		TW		TW2	
		LUMENS	WATTAGE	LUMENS	WATTAGE
80 CRI	2700K	-	-	0.93	1.02
	3000K	0.95	1.04	0.95	1.01
	3500K	0.98	1.02	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	0.96	1.04	1.02	1.00
	6500K	-	-	1.01	1.04

		COLOR TEMPERATURE			
CCT		TW		TW2	
		LUMENS	WATTAGE	LUMENS	WATTAGE
90 CRI	2700K	-	-	0.93	1.02
	3000K	0.91	1.03	0.95	1.01
	3500K	0.96	1.01	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	1.03	1.03	1.03	1.00
	6500K	-	-	1.02	1.04

## TW

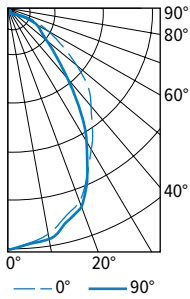


## TW2



## PHOTOMETRY

AXA-4-L14/8TW-LVRS-DIM-UNV Total Luminaire Output: 5312 lumens; 55.8 Watts | Efficacy: 95.0 lm/W

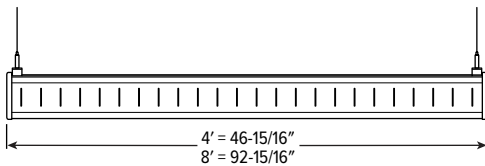


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2484	2484	2484	
5	2421	2425	2437	230	
15	2231	2251	2302	635	
25	1917	1927	2000	900	
35	1594	1587	1655	1006	
45	1294	1256	1292	963	
55	877	811	771	727	
65	514	435	377	438	
75	220	187	175	212	
85	63	58	61	70	
90	6	16	22		
95	0	12	18	14	
105	2	14	20	15	
115	7	20	23	18	
125	9	25	26	19	
135	16	28	29	20	
145	23	29	29	18	
155	26	32	33	15	
165	31	38	38	10	
175	34	34	32	3	
180	32	32	32		

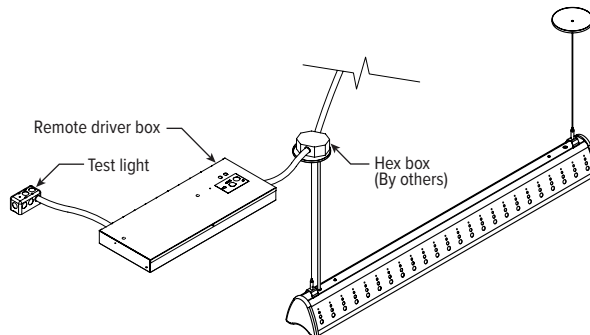
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	1766	33
	0 - 40	2772	52
	0 - 60	4461	84
	0 - 90	5181	98
	90 - 130	46	1
	90 - 150	103	2
	90 - 180	131	3
	0 - 180	5312	100

## FIXTURE DETAILS

### SIDE VIEW

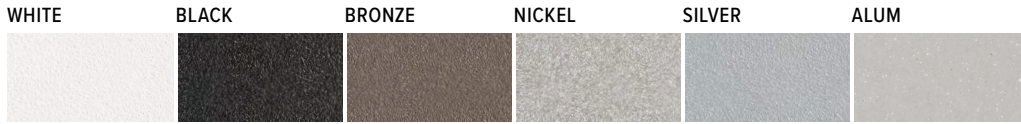


### EM/10W REMOTE



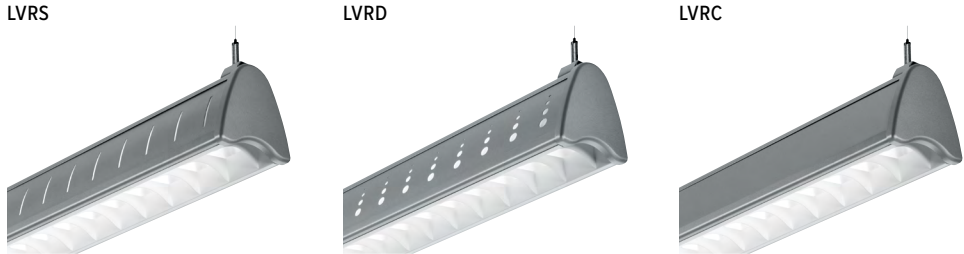
# AXA tunable WHITE Architectural Contoured Louver

## FINISH OPTIONS



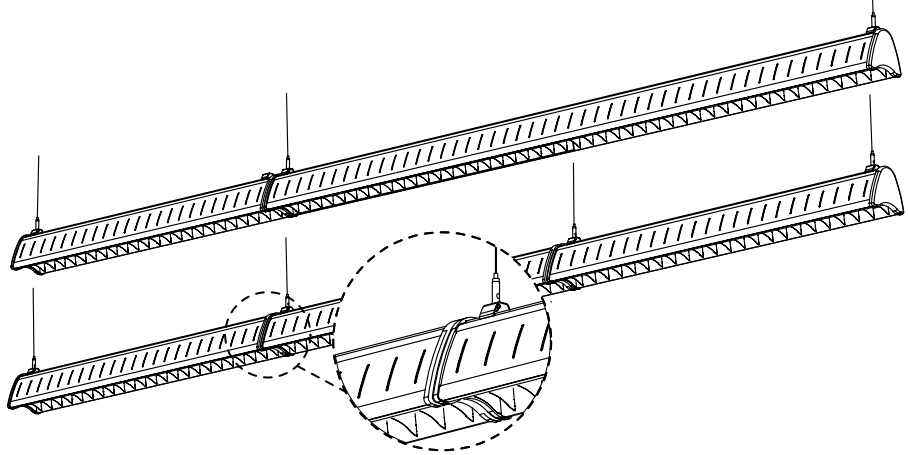
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

## FIXTURE STYLES

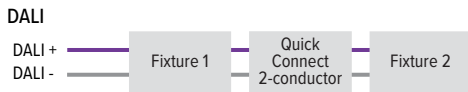
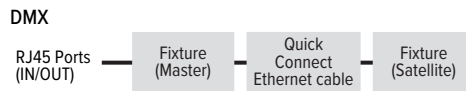
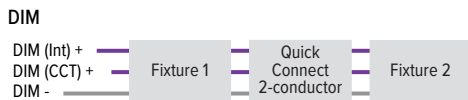


## CONTINUOUS ROW FIXTURES

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



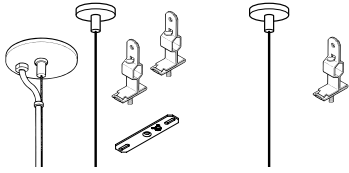
## CONTROL DETAILS



# AXA tunable WHITE Architectural Contoured Louver

## MOUNTING DETAILS

### STANDARD HARDWARE (Grid & Hardpan)



FEEDER/STAND-ALONE

JOINER

- 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.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

### 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.