

# ARCHITECTURAL CONTOURED LOUVER

# AXA

CATALOG #:

TYPE:

PROJECT:

NOTES:

EXAMPLE

**AXA - 4 - 1 32 - LVRS - S - OPTIONS - EB1 - UNV**

SERIES

NOMINAL LENGTH

TOTAL WATTAGE/LAMPS

SHIELDING

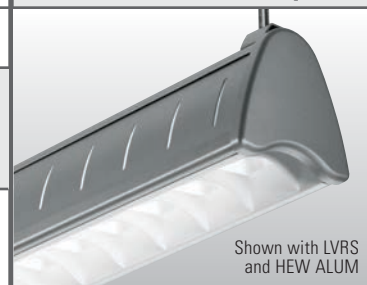
FIXTURE TYPE

OPTIONS/ACCESSORIES

BALLAST TYPE

VOLTAGE

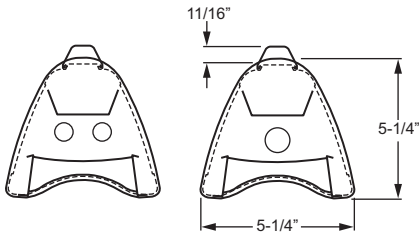
T5 | T8



Shown with LVRS and HEW ALUM

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## CROSS SECTIONS



## ORDERING INFORMATION

### SERIES

**AXA** Architectural Contoured Louver

### NOMINAL LENGTH

**4** 4'  
**8** 8'

### TOTAL LAMPS

**1, 2, or 4** (1- or 2-lamp cross-section)

### LAMP WATTAGE/TYPE

**28T5S** 4', 28-watt T5  
**32** 4', 32-watt T8  
**54T5H** 4', 54-watt T5HO

### SHIELDING

See right for shielding details.

**LVRS** White curved baffle louver with slotted uplight (3%)  
**LVRD** White curved baffle louver with graduated linear dot uplight (3%)  
**LVRC** White curved baffle louver with closed side panels

### FIXTURE TYPE

**F** Electrical feeder unit, 3-conductor straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, two end plates (one installed)  
**J** Joiner unit, no cord, quick-connect wiring harness, no end plates  
**S** Stand-alone unit, 3-conductor straight white cord standard, two end plates installed

### OPTIONS

For **color options**, visit the AXA online at hew.com. For generic EM ballast options (must specify voltage), see Information section. **Ballast size restrictions apply.** Consult factory.

**MWA** Matte white acrylic overlay  
**C2\_** Two-circuit quick-connect wiring harness (see Information section for complete quick-connect offering)

### FINISH OPTIONS (See back for details)

**White** (Standard) **Black**  
**Bronze** **Nickel**  
**Silver** **Aluminum**

### ACCESSORIES

**ACF/48** 48" adjustable aircraft cable  
**ACF/96** 96" adjustable aircraft cable

### BALLAST TYPE

For dimming options see Information section. **Ballast size restrictions apply.** Consult factory.

**EB1** 1-lamp electronic ballast  
**EB2** 2-lamp electronic ballast  
**EB2/2** (2) 2-lamp electronic ballasts

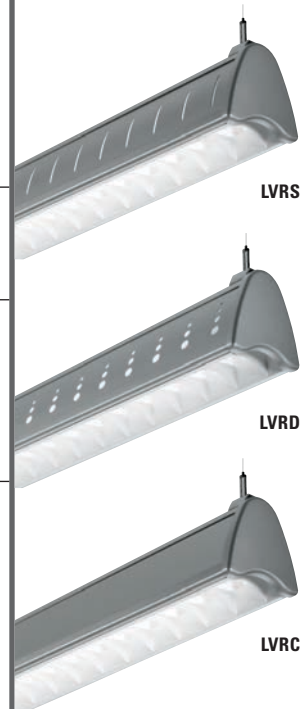
### VOLTAGE

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

## FEATURES

- ▶ 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 lamps from view.
- ▶ White louver finish improves fixture efficiency.
- ▶ This fixture is proudly made in the USA.

## FIXTURE STYLES



LVRS

LVRD

LVRC



### SPECIFICATIONS

**Housing** – Extruded aluminum with die-cast end caps.

**Shielding** – Highly reflective white curved baffle louver.

**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.

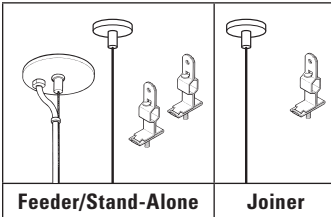
**Electrical** – Electronic ballast standard, instant start T8, program start T5, rated Class P.

**Mounting** – Suspended. 1/16" diameter x 24" adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.

**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

### STANDARD HARDWARE

(grid ceiling applications)



#### Notes:

- Fixtures are provided with adjustable length aircraft cables and choice of T-bar (standard) or optional hard pan ceiling hardware, must specify. See Fluorescent Information section for details.
- Electrical supply is brought into the feeder fixture, either as part of a row or as an individual mount unit.

### AIRCRAFT CABLE DETAIL

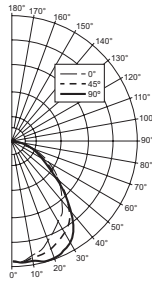
Mounting brackets can be positioned anywhere along the length of the fixture housing. It is recommended to locate mounting brackets no more than 8" away from the end plates of the fixture.



### PHOTOMETRY

#### TEST REPORT INFORMATION

- Test Report #: 17993.0
- Date: 03/19/14
- Lamp Type: F32T8/835
- Lamp Quantity: 1



#### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	594.	20.2	31.3
0 - 40	972.	32.9	51.2
0 - 60	1567.	53.1	82.6
0 - 90	1846.	62.6	97.3
90 - 120	19.	0.6	1.0
90 - 130	26.	0.9	1.4
90 - 150	42.	1.4	2.2
90 - 180	51.	1.7	2.7
<b>Total Luminaire:</b>			
0 - 180	1897.	64.3	100.0

Total Luminaire Optical Efficiency: **64.3%**  
 IES Spacing Criteria: End = 1.1  
 Diagonal = 1.3  
 Across = 1.4

#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	748.	748.	748.	
5°	749.	753.	758.	71.8
15°	697.	731.	775.	207.9
25°	612.	682.	753.	314.7
35°	533.	609.	654.	377.2
45°	418.	455.	446.	343.7
55°	299.	282.	252.	252.0
65°	189.	162.	169.	167.5
75°	77.	82.	82.	84.8
85°	20.	25.	28.	26.7
90°	0.	6.	10.	
95°	0.	6.	11.	5.6
105°	0.	6.	11.	6.0
115°	0.	8.	11.	7.3
125°	3.	8.	10.	6.8
135°	6.	10.	15.	8.8
145°	8.	13.	13.	7.3
155°	10.	10.	11.	5.0
165°	11.	11.	11.	3.1
175°	11.	11.	11.	1.1
180°	11.	11.	11.	

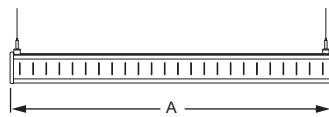
#### ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.70	.50	.30	.50	.30	.10	
Room Cavity Ratio	0	.76	.76	.76	.74	.74	.74	.70	.70	.70
1	.71	.68	.66	.69	.66	.64	.63	.62	.60	
2	.65	.61	.57	.63	.59	.56	.57	.54	.51	
3	.60	.54	.50	.59	.53	.49	.51	.48	.45	
4	.56	.49	.44	.54	.48	.43	.46	.42	.39	
5	.51	.43	.38	.50	.43	.38	.41	.37	.34	
6	.47	.39	.34	.46	.39	.34	.37	.33	.30	
7	.44	.35	.30	.42	.35	.30	.34	.29	.26	
8	.40	.32	.27	.39	.31	.26	.30	.26	.23	
9	.37	.29	.24	.36	.28	.23	.27	.23	.20	
10	.34	.26	.21	.33	.26	.21	.25	.21	.18	

Effective Floor Cavity Reflectance = .20

### FIXTURE DETAILS

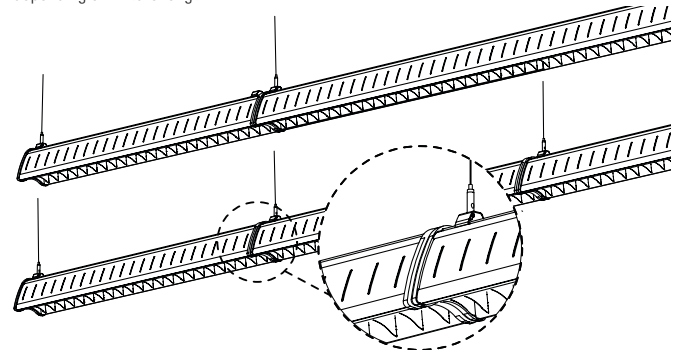
#### SIDE VIEW



NOMINAL LENGTH	DIMENSION	
	T5	T8
4'	46-15/16"	48-15/16"
8'	92-15/16"	96-15/16"

#### CONTINUOUS ROW FIXTURES

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



#### FINISH OPTIONS

