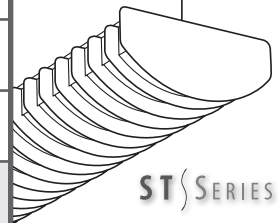


ARCHITECTURAL BAFFLE – CURVED WRAPPED BLADE

AB3



ST SERIES

SUBMITTAL:

JOB:

TYPE:

VOLTAGE:

EXAMPLE

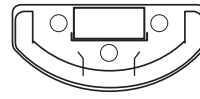
AB3 - 4 - 3 32 - S - SS - OPTIONS - EB3 - UNV

SERIES NOMINAL LENGTH TOTAL WATTAGE/LAMPS FIXTURE TYPE SHIELDING OPTIONS/ACCESSORIES BALLAST TYPE VOLTAGE

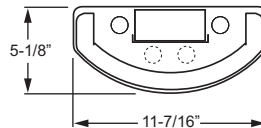


FEATURES

- ▶ Wrapped curved baffle and end plates add visual interest while reducing glare.
- ▶ Side lamping delivers direct/indirect illumination.
- ▶ Optional perforated side panels add contrast and subtle glow.
- ▶ Divider option on three-lamp cross-section provides glare control.
- ▶ Continuous row mounting available with self-aligning joining method to ensure straight rows.
- ▶ This fixture is proudly made in the USA.



3 lamps
Shown with PSD or SSD



2 or 4 lamps

SPECIFICATIONS

Housing – 22-gauge die-formed C.R.S. with 20-gauge die-formed C.R.S. end plates.

Baffle – 22-gauge steel/aluminum construction, 2" O.C.

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 adjustable steel aircraft cable and mounting hardware necessary for grid ceiling applications provided. Surface mount available with alternate mounting accessories. See back for details.

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

ORDERING INFORMATION

SERIES

AB3 Architectural Baffle–Curved Wrapped Blade

NOMINAL LENGTH

Available in 4' or 8' lengths only.

4 4'
8 8'

TOTAL LAMPS

2, 3, 4, 6, or 8 (2-, 3-, or 4-lamp cross-section)

LAMP WATTAGE/TYPE

28T5S 4', 28-watt T5 (1- or 2-lamp ballast[s] only)
32 4', 32-watt T8
54T5H 4', 54-watt T5HO

FIXTURE TYPE

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

SHIELDING

See back for perforated side details.

PS Perforated sides
SS Solid sides
PSD Perforated sides with divider (3-lamp cross-section only)
SSD Solid sides with divider (3-lamp cross-section only)

OPTIONS & ACCESSORIES

For generic **EM ballast and dimming ballast** options (must specify voltage), see Fluorescent Information section.

See back for **alternate mounting accessories**.

C2_ Two-circuit quick-connect wiring harness. See Fluorescent Information section for complete quick-connect offering.

BALLAST TYPE

Not all lamp/ballast combinations are compatible, consult factory for details and restrictions.

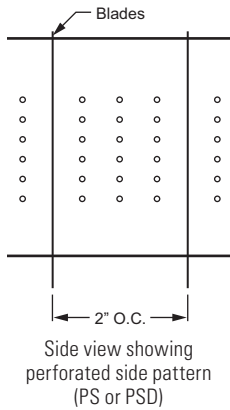
EB2 2-lamp electronic ballast
EB3 3-lamp electronic ballast
EB4 4-lamp electronic ballast
EB2/2 (2) 2-lamp electronic ballasts
EB3/3 (2) 3-lamp electronic ballasts
EB4/2 (1) 4-lamp and (1) 2-lamp electronic ballast
EB4/4 (2) 4-lamp electronic ballasts

VOLTAGE

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



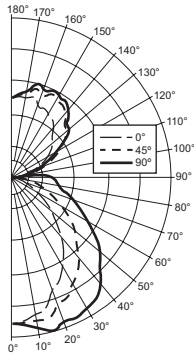
SHIELDING DETAIL



PHOTOMETRY

TEST REPORT INFORMATION

- ▶ Test Report #: 16461.0
- ▶ Date: 11/30/11
- ▶ Lamp Type: F32T8/835
- ▶ Lamp Quantity: 3



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1120.	12.7	15.8
0 - 40	1822.	20.6	25.7
0 - 60	3100.	35.0	43.7
0 - 90	4043.	45.7	57.0
90 - 120	761.	8.6	10.7
90 - 130	1279.	14.5	18.0
90 - 150	2325.	26.3	32.8
90 - 180	3054.	34.5	43.0
Total Luminaire:			
0 - 180	7097.	80.2	100.0

Total Luminaire Optical Efficiency: **80.2%**
IES Spacing Criteria: End = 1.1, Diagonal = 1.2, Across = 1.5

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1402.	1402.	1402.	
5°	1380.	1396.	1418.	133.3
15°	1286.	1398.	1520.	396.5
25°	1083.	1271.	1487.	590.5
35°	857.	1098.	1418.	701.8
45°	585.	877.	1193.	678.0
55°	375.	669.	986.	599.9
65°	196.	433.	742.	443.7
75°	103.	255.	517.	297.3
85°	26.	136.	418.	201.8
90°	3.	118.	389.	
95°	26.	105.	293.	151.2
105°	161.	225.	189.	224.3
115°	308.	420.	371.	385.5
125°	446.	616.	598.	518.1
135°	534.	715.	750.	531.9
145°	671.	849.	885.	514.3
155°	742.	892.	936.	401.0
165°	816.	893.	941.	251.3
175°	789.	803.	812.	76.6
180°	776.	776.	776.	

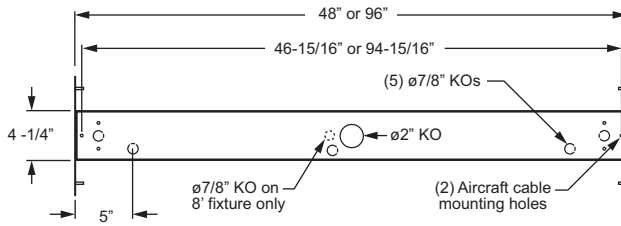
ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling			Wall			Floor		
	.80	.70	.50	.80	.70	.50	.30	.50	.10
0	.87	.87	.87	.81	.81	.81	.70	.70	.70
1	.79	.76	.72	.74	.71	.68	.61	.59	.57
2	.72	.66	.61	.67	.62	.57	.54	.50	.47
3	.66	.59	.53	.61	.55	.49	.48	.43	.40
4	.61	.52	.45	.56	.49	.43	.42	.38	.34
5	.56	.46	.39	.51	.43	.37	.38	.33	.29
6	.51	.41	.35	.47	.39	.33	.34	.29	.26
7	.47	.37	.31	.44	.35	.29	.31	.26	.22
8	.44	.34	.27	.40	.31	.26	.28	.23	.20
9	.40	.30	.24	.37	.28	.23	.25	.20	.17
10	.38	.28	.22	.35	.26	.21	.23	.18	.15

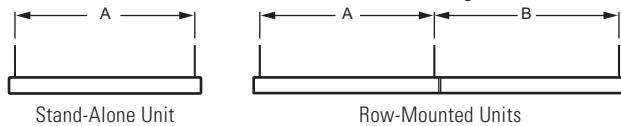
Effective Floor Cavity Reflectance = .20

FIXTURE DETAILS

BACK VIEW



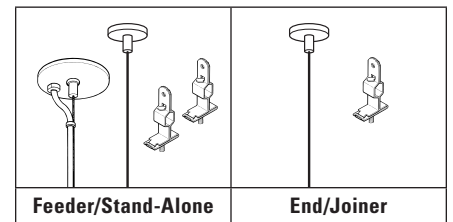
MOUNTING INFORMATION (center to center mounting cable)



Nominal Unit Length	Dimension A	Dimension B
4'	46-15/16"	48"
8'	94-15/16"	96"

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 (or stand-alone) fixture, either as part of a row or as an individual mount unit. Joiner and end fixtures complete the row.

ALTERNATE MOUNTING ACCESSORIES

(in lieu of standard suspended hardware)

	320¹ 1-1/2" ceiling spacer ¹
	GAT¹ T-bar attachment for 320 spacer ¹
	SHS Surface mount hanger for T-bar
	VBY¹ (2) Y-hangers, located 2" from end (requires 320 spacer) ¹

¹ Accessories can be combined to provide variable mounting.