

ARCHITECTURAL STRIP – WRAPPED BAFFLE

ST-WB

SUBMITTAL:

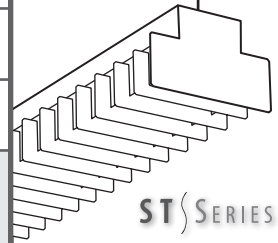
JOB:

TYPE:

VOLTAGE:

EXAMPLE **ST-WB - 4 - 2 32 - F - SS - OPTIONS - EB2 - UNV**

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



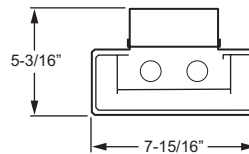
ST SERIES

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FEATURES

- ▶ Aesthetically designed suspended architectural fixture.
- ▶ Wrapped baffle design complements retro-style applications and provides excellent glare control.
- ▶ Continuous row mounting available with self-aligning joining method to ensure straight rows.
- ▶ This fixture is proudly made in the USA.



ORDERING INFORMATION

SERIES

ST-WB Architectural Strip–Wrapped Baffle

NOMINAL LENGTH

Available in 4' or 8' lengths only.

4 4'
8 8'

TOTAL LAMPS

1, 2, or 4 (1- or 2-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 detail.

PS Perforated sides
SS Solid sides

OPTIONS & ACCESSORIES

For generic **EM 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

For **dimming ballast** options, see Information section.

EB1 1-lamp electronic ballast
EB2 2-lamp electronic ballast
EB4 4-lamp electronic ballast
EB2/2 (2) 2-lamp electronic ballasts

VOLTAGE

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

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.

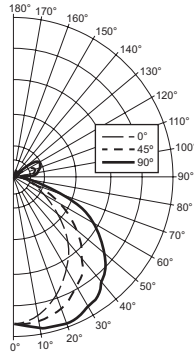
Labels – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.



PHOTOMETRY INFORMATION

TEST REPORT INFORMATION

- ▶ Test Report #: 16528.0
- ▶ Date: 02/16/12
- ▶ Lamp Type: F32T8/835
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1367.	1367.	1367.	
5°	1348.	1370.	1391.	130.8
15°	1232.	1332.	1436.	377.7
25°	1057.	1225.	1416.	569.4
35°	872.	1091.	1348.	689.4
45°	624.	860.	1194.	682.3
55°	391.	588.	953.	559.8
65°	202.	325.	667.	368.9
75°	105.	135.	246.	163.6
85°	28.	78.	121.	85.8
90°	3.	51.	42.	
95°	3.	148.	178.	139.0
105°	21.	182.	225.	165.0
115°	33.	196.	254.	159.9
125°	41.	125.	243.	116.6
135°	42.	55.	130.	56.5
145°	50.	41.	42.	26.4
155°	44.	37.	30.	19.6
165°	50.	64.	39.	16.3
175°	37.	48.	53.	4.4
180°	34.	34.	34.	

ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.85	.85	.85	.81	.81	.81	.75	.75	.75
	1	.78	.75	.72	.75	.72	.69	.67	.65	.63
	2	.72	.66	.62	.69	.64	.60	.59	.56	.53
	3	.66	.59	.54	.63	.57	.52	.53	.49	.46
	4	.61	.53	.47	.58	.51	.46	.48	.43	.40
	5	.55	.47	.41	.53	.45	.40	.42	.38	.34
	6	.51	.42	.36	.49	.41	.35	.38	.33	.30
	7	.47	.38	.32	.45	.37	.31	.34	.29	.26
	8	.43	.34	.28	.42	.33	.27	.31	.26	.23
	9	.40	.30	.25	.38	.30	.24	.28	.23	.20
	10	.37	.28	.22	.36	.27	.22	.25	.21	.17

Effective Floor Cavity Reflectance = .20

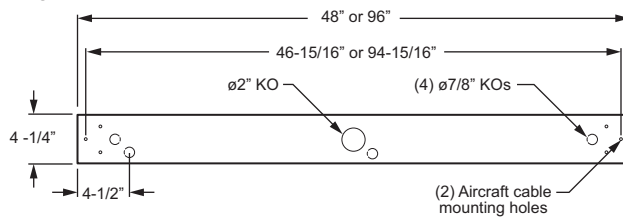
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1078.	18.3	24.9
0 - 40	1767.	30.0	40.8
0 - 60	3009.	51.0	69.5
0 - 90	3628.	61.5	83.8
90 - 120	464.	7.9	10.7
90 - 130	581.	9.8	13.4
90 - 150	663.	11.2	15.3
90 - 180	704.	11.9	16.2
Total Luminaire:			
0 - 180	4331.	73.4	100.0

Total Luminaire Optical Efficiency: **73.4%**
IES Spacing Criteria: End = 1.1, Diagonal = 1.3, Across = 1.5

FIXTURE DETAILS

BACK VIEW

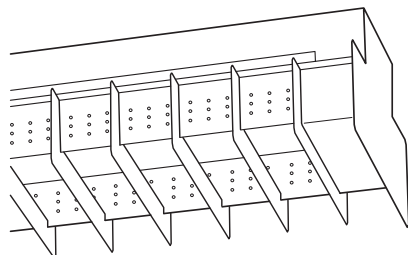


MOUNTING INFORMATION (center to center mounting cable)



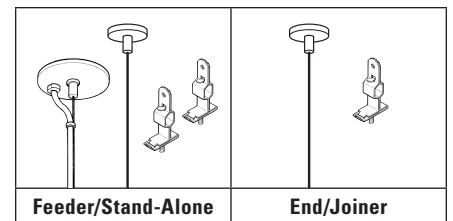
Nominal Unit Length	Dimension A	Dimension B
4'	46-15/16"	48"
8'	94-15/16"	96"

PERFORATED SIDE DETAIL



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)

	320 1-1/2" ceiling spacer
	GAT T-bar attachment for 320 spacer
	SHS Surface mount hanger for T-bar