

SURFACE PARABOLIC 3" LOUVER

SU3

SUBMITTAL:

1x4

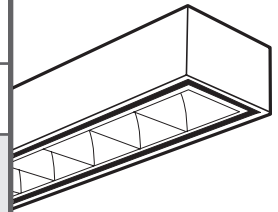
JOB:

TYPE:

VOLTAGE:

EXAMPLE **SU3 - 1 4 - 2 32 - 26 S - OPTIONS - EB2 - UNV**

SERIES NOM. W. NOM. L. TOTAL WATTAGE/LAMPS WATTAGE/TYPE LOUVER CELLS LOUVER FINISH OPTIONS BALLAST TYPE VOLTAGE

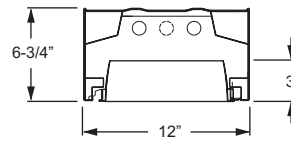


LOUVER
Patented
Inverted



FEATURES

- ▶ Full 3" parabolic louver assists in glare reduction.
- ▶ Features Williams' exclusive patented inverted louver design.
- ▶ T-slot steel hinge allows reversible hinging and latching and ensures positive retention when door is opened.
- ▶ Fully enclosed spring-loaded cam latches allow years of hassle-free maintenance.
- ▶ Side-mounted ballast is secured by two captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation and optical performance.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – 20-gauge die-formed C.R.S., ribbed and welded.

Parabolic Louver – Semi-specular, low iridescent anodized aluminum with tab-and-slot construction.

Closed top reflects light instead of trapping it within the louver.

Forming the louver at top produces greater efficiency and less glare.

Patent No. 5,678,922.

Thin bottom edge is the thickness of two layers of material—prevents crazing at the bottom edge.

Door Frame – Concealed 22-gauge C.R.S. frame riveted to louver.

Finish – 92% minimum average reflective white polyester 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, rated Class P.

Mounting – Surface or suspended.

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

ORDERING INFORMATION

SERIES

SU3 Surface Parabolic 3" Louver

NOMINAL WIDTH

1 1'

NOMINAL LENGTH

4 4'

TOTAL LAMPS

1, 2, or 3

LAMP WATTAGE/TYPE

32 4', 32-watt T8

LOUVER CELLS (Width x Length)

16 1 x 6, 6-cell
18 1 x 8, 8-cell
26 2 x 6, 12-cell
28 2 x 8, 16-cell

LOUVER FINISH

M Specular silver aluminum
S Semi-specular silver aluminum
W White aluminum

OPTIONS

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

See Information section for **mounting options**.

CA Clear stippled acrylic overlay, .040" thick
WA White acrylic overlay, .040" thick

BALLAST TYPE

See Information section for complete ballast offering.

EB1 1-lamp electronic ballast
EB2 2-lamp electronic ballast
EB3 3-lamp electronic ballast
EB2/1 (1) 2-lamp and (1) 1-lamp electronic ballast

VOLTAGE

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

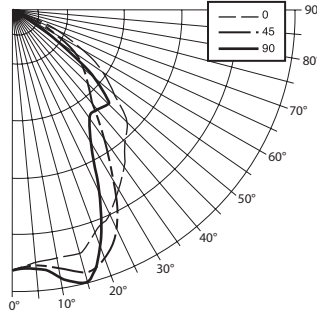
1x4

PHOTOMETRY INFORMATION

Catalog #: **SU3-14-232-26S**

TEST REPORT INFORMATION

- ▶ Test Report#: 13334.0
- ▶ Date: 11/13/06
- ▶ Lamp Type: F32T8/835/RS
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1814.	1814.	1814.	
5°	1771.	1791.	1812.	170.9
15°	1754.	1904.	1967.	533.4
25°	1570.	1678.	1385.	729.5
35°	1341.	1084.	908.	716.1
45°	1108.	716.	925.	702.9
55°	721.	484.	275.	417.6
65°	265.	94.	61.	121.6
75°	34.	19.	19.	23.9
85°	9.	6.	6.	7.5
90°	0.	0.	0.	

ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.70	.50	.30	.50	.30	.10	
Room Cavity Ratio	0	.69	.69	.69	.67	.67	.67	.64	.64	.64
1	.65	.63	.61	.64	.62	.60	.59	.58	.57	
2	.61	.58	.55	.60	.57	.54	.55	.52	.51	
3	.57	.52	.49	.56	.52	.48	.50	.47	.45	
4	.53	.48	.44	.52	.47	.43	.46	.42	.40	
5	.49	.43	.39	.48	.43	.39	.42	.38	.35	
6	.46	.39	.35	.45	.39	.35	.38	.34	.32	
7	.43	.36	.32	.42	.35	.31	.35	.31	.28	
8	.39	.32	.28	.39	.32	.28	.31	.28	.25	
9	.36	.29	.25	.36	.29	.25	.28	.25	.22	
10	.34	.27	.23	.33	.26	.22	.26	.22	.20	

Effective Floor Cavity Reflectance = .20

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1434.	24.3	41.9
0 - 40	2150.	36.4	62.8
0 - 60	3271.	55.4	95.5
0 - 90	3424.	58.0	100.0
Total Luminaire:			
0 - 180	3424.	58.0	100.0

Total Luminaire Optical Efficiency: **58.0%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.1
 Across = 1.0

FIXTURE DETAILS

BACK VIEW

