

SURFACE PARABOLIC 3" LOUVER

SU3

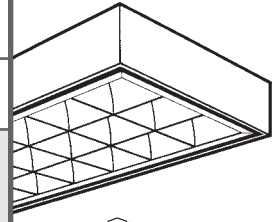
SUBMITTAL:

2x2 | 2x4

JOB:

TYPE:

VOLTAGE:



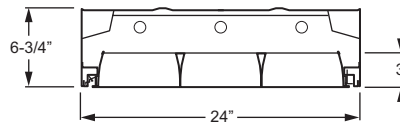
EXAMPLE → **SU3** - **2** **4** - **3** **32** - **36** **S** - **OPTIONS** - **EB3** - **UNV**

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

LOUVER
Patented
Inverted

FEATURES

- ▶ All-welded construction with ribbed and embossed housing provides added strength for long-lasting performance.
- ▶ Full 3" parabolic louver assists in glare reduction.
- ▶ Standard louver construction of semi-specular, low-iridescent, anodized aluminum ensures superior, enduring performance.
- ▶ T-slot steel hinge allows reversible hinging and latching and ensures positive retention when door is opened.
- ▶ 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

2 2'

NOMINAL LENGTH

2 2'

4 4'

TOTAL LAMPS

2, 3, or 4

LAMP WATTAGE/TYPE

2'x2' LAMP OPTIONS

17 2', 17-watt T8

31UN 2', U-bent, 31-watt T8, 1-5/8" leg spacing

32U 2', U-bent, 32-watt T8, 6" leg spacing (2-lamp only)

40TT 2', 40-watt long twin tube (2 or 3 lamp only)

2'x4' LAMP OPTIONS

32 4', 32-watt T8

LOUVER CELLS (Width x Length)

See back for lamp/louver recommendations.

2'x2' OPTIONS

33 3 x 3, 9-cell

44 4 x 4, 16-cell

LOUVER CELLS (Continued)

2'x4' OPTIONS

26 2 x 6, 12-cell

28 2 x 8, 16-cell

36 3 x 6, 18-cell

38 3 x 8, 24-cell

46 4 x 6, 24-cell

48 4 x 8, 32-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 [Technical Info](#).

See [Technical Info](#) for mounting options.

CA Clear stippled acrylic overlay, .040" thick

WA White acrylic overlay, .040" thick

BALLAST TYPE

See [Technical Info](#) for complete ballast offering.

EB2 2-lamp electronic ballast

EB3 3-lamp electronic ballast

EB4 4-lamp electronic ballast

EB2/1 (1) 2-lamp and (1) 1-lamp electronic ballast

EB2/2 (2) 2-lamp electronic ballasts

VOLTAGE

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

277 277V **347** 347V



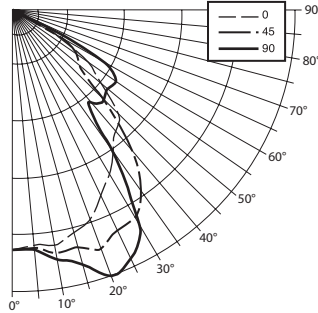
2x2 | 2x4

PHOTOMETRY INFORMATION

Catalog #: **SU3-24-332-36S**

TEST REPORT INFORMATION

- ▶ Test Report#: 13140.0
- ▶ Date: 07/19/06
- ▶ Lamp Type: F32T8/SPX35/RS
- ▶ Lamp Quantity: 3



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	2505.	2505.	2505.	
5°	2477.	2496.	2515.	238.2
15°	2406.	2575.	2751.	730.4
25°	2165.	2563.	2914.	1181.5
35°	1858.	2368.	1837.	1315.4
45°	1614.	1459.	1350.	1180.3
55°	1012.	864.	1335.	966.4
65°	362.	471.	489.	441.8
75°	55.	53.	70.	61.2
85°	13.	13.	15.	14.5
90°	0.	0.	0.	

ZONAL CAVITY COEFFICIENTS

	Ceiling .80			.70			.50			
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.82	.82	.82	.81	.81	.81	.77	.77	.77
	1	.77	.75	.72	.75	.73	.71	.70	.69	.67
	2	.72	.68	.64	.70	.66	.63	.64	.61	.59
	3	.67	.61	.56	.65	.60	.56	.58	.54	.51
	4	.62	.55	.50	.60	.54	.49	.52	.48	.45
	5	.57	.49	.44	.56	.48	.43	.47	.43	.39
	6	.53	.44	.39	.51	.44	.38	.43	.38	.34
	7	.49	.40	.34	.47	.39	.34	.38	.34	.30
	8	.45	.36	.30	.44	.35	.30	.35	.30	.26
	9	.41	.32	.27	.40	.32	.27	.31	.26	.23
	10	.38	.29	.24	.37	.29	.24	.28	.24	.20

Effective Floor Cavity Reflectance = .20

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	2150.	24.3	35.1
0 - 40	3465.	39.2	56.5
0 - 60	5612.	63.4	91.6
0 - 90	6130.	69.3	100.0
Total Luminaire:			
0 - 180	6130.	69.3	100.0

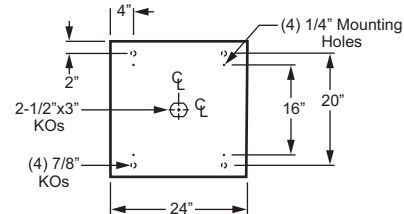
Total Luminaire Optical Efficiency: **69.3%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.4
 Across = 1.3

FIXTURE DETAILS

LAMP/LOUVER RECOMMENDATIONS

	# of Lamps	Lamp Type	Louver Cell Combinations								
			26	28	33	36	38	44	46	48	
2' x 2'	2	32U								✓	
		17-watt T8			✓						
	3	31UN			✓						
		Twin Tube			✓						
	4	17-watt T8									✓
		31UN									✓
2' x 4'	2	32-watt T8	✓	✓							
	3	32-watt T8				✓	✓				
	4	32-watt T8							✓	✓	

2x2 BACK VIEW



2x4 BACK VIEW

