

ROUND ARCHITECTURAL SURFACE MOUNT

RNDS

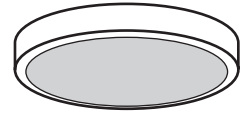
SUBMITTAL:

3'

JOB:

TYPE:

VOLTAGE:



EXAMPLE

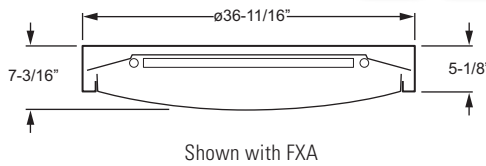
RNDS - 3 - 3 32U - FXA - OPTIONS - EB3 - UNV

SERIES NOMINAL DIAMETER TOTAL LAMPS WATTAGE/TYPE LENS OPTIONS BALLAST VOLTAGE TYPE



FEATURES

- ▶ Round, surface mounted, architectural fixture adds visual interest to a variety of applications.
- ▶ Frosted, round acrylic lens provides soft, uniform light distribution.
- ▶ Flat or convex lens profile adds diversity.
- ▶ Lift-and-twist lens assembly allows for easy maintenance.
- ▶ Numerous lamp types and configurations available.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – .080" spun aluminum outer housing with a 19-gauge C.R.S. back plate.

Shielding – Frosted acrylic lens, .125" thick.

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, rated Class P. Default offering shown in chart below.

Lamp	Instant Start	Program Start
T5		•
T8	•	
31UN	•	
32U	•	
40TT	•	
50TT		•
55TT		•

Mounting – Surface mount.

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



ORDERING INFORMATION

SERIES

RNDS Round Architectural Surface Mount

NOMINAL DIAMETER

3 3'

TOTAL LAMPS

3, 4, or 6 (3- and 4-lamp for U-lamps and twin tube only)

LAMP WATTAGE/TYPE

3-LAMP OPTIONS

32U 2', U-bent, 32-watt T8, 6" leg spacing

4-LAMP OPTIONS

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

40TT 2', 40-watt long twin tube

50TT 2', 50-watt long twin tube

55TT 2', 55-watt long twin tube

6-LAMP OPTIONS

14T5S 2', 14-watt T5

17 2', 17-watt T8

24T5H 2', 24-watt T5HO

LENS

See back for lens details.

FFA Frosted flat acrylic lens

FXA Frosted convex acrylic lens

OPTIONS

For generic **EM ballast** options (must specify voltage), see Fluorescent Information section. Ballast size restrictions apply. Consult factory.

BALLAST TYPE

Ballast size restrictions apply. Consult factory.

EB3 3-lamp electronic ballast (T8 only)

EB4 4-lamp electronic ballast (T8 only)

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

EB2/2 (2) 2-lamp electronic ballasts

EB2/2/2 (3) 2-lamp electronic ballasts

EB3/3 (2) 3-lamp electronic ballasts (T8 only)

EB4/2 (1) 4-lamp and (1) 2-lamp electronic ballast (T8 only)

VOLTAGE

UNV 120-277V

347 347V



3'

PHOTOMETRY INFORMATION

Catalog #: RNDS-3-332U-FXA

MAXIMUM LAMP CONFIGURATIONS



T5 or T8 Lamps



Narrow U-Lamps



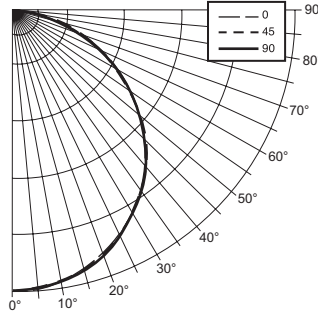
U-Lamp



Twin Tube Lamps

TEST REPORT INFORMATION

- ▶ Test Report #: 16400.0
- ▶ Date: 10/25/11
- ▶ Lamp Type: F32T8/835/U6
- ▶ Lamp Quantity: 3



ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor				
	.80	.70	.50	.80	.70	.50	.80	.70	.50		
Room Cavity Ratio	0	1	2	3	4	5	6	7	8	9	10
	.73	.67	.61	.56	.51	.47	.43	.40	.37	.34	.31
	.73	.64	.56	.45	.44	.39	.35	.31	.28	.25	.23
	.73	.62	.52	.45	.39	.34	.30	.26	.23	.20	.18
	.71	.63	.55	.49	.44	.38	.34	.31	.28	.25	.23
	.71	.61	.52	.45	.39	.33	.29	.26	.23	.20	.18
	.71	.60	.52	.45	.39	.33	.29	.26	.23	.20	.18
	.68	.58	.53	.47	.42	.37	.33	.30	.27	.24	.22
	.68	.57	.50	.43	.38	.33	.29	.25	.22	.20	.18
	.68	.55	.47	.40	.35	.30	.26	.23	.20	.17	.15

Effective Floor Cavity Reflectance = .20

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1778.	1778.	1778.	
5°	1774.	1774.	1772.	169.3
15°	1718.	1722.	1719.	487.5
25°	1600.	1610.	1606.	744.4
35°	1434.	1431.	1427.	901.2
45°	1210.	1210.	1205.	938.9
55°	929.	935.	932.	844.3
65°	624.	635.	629.	636.6
75°	324.	324.	326.	351.0
85°	91.	90.	94.	102.4
90°	23.	26.	27.	

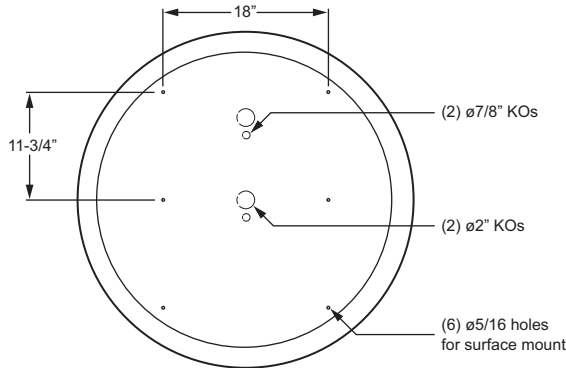
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1401.	16.5	27.1
0 - 40	2302.	27.2	44.5
0 - 60	4086.	48.2	78.9
0 - 90	5176.	61.1	100.0
Total Luminaire:			
0 - 180	5176.	61.1	100.0

Total Luminaire Optical Efficiency: **61.1%**
 IES Spacing Criteria: End = 1.3
 Diagonal = 1.3
 Across = 1.3

FIXTURE DETAILS

MOUNTING INFORMATION



LENS PROFILES



Shown with FFA



Shown with FXA

