

ROUND ARCHITECTURAL SURFACE MOUNT

RNDS

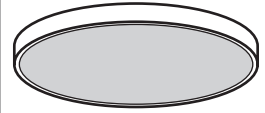
SUBMITTAL:

4'

JOB:

TYPE:

VOLTAGE:



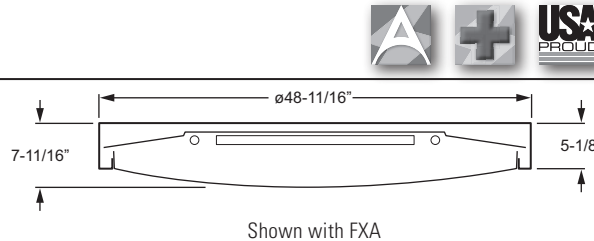
EXAMPLE

RNDS - 4 - 5 32U - FXA - OPTIONS - EB3/2 - 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.



ORDERING INFORMATION

SERIES

RNDS Round Architectural Surface Mount

NOMINAL DIAMETER

4 4'

TOTAL LAMPS

5 or 7 (5-lamp option for 32U only)

LAMP WATTAGE/TYPE

5-LAMP OPTIONS

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

7-LAMP OPTIONS

514T5S/221T5S (5) 2', 14-watt T5/(2) 3', 21-watt T5

517/225 (5) 2', 17-watt T8/(2) 3', 25-watt T8

524T5H/239T5H (5) 2', 24-watt T5HO/(2) 3', 39-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.

AMW Anti-microbial white finish

BALLAST TYPE

Ballast size restrictions apply. Consult factory.

5-LAMP BALLAST OPTIONS

EB4/1 (1) 4-lamp and (1) 1-lamp electronic ballast

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

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

7-LAMP BALLAST OPTIONS

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

EB3/2/2 (1) 3-lamp and (2) 2-lamp electronic ballasts (T8 only)

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

VOLTAGE

UNV 120-277V

347 347V

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	•	
32U	•	

Mounting – Surface mount.

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



4'

PHOTOMETRY INFORMATION

Catalog #: RNDS-4-532U-FXA

MAXIMUM LAMP CONFIGURATIONS



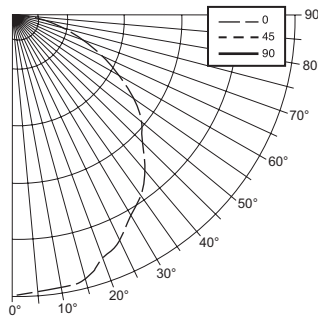
(7) T5 or T8 Lamps



Narrow U-Lamps

TEST REPORT INFORMATION

- ▶ Test Report #: 16401.0
- ▶ Date: 10/17/11
- ▶ Lamp Type: F32T8/835/U6
- ▶ Lamp Quantity: 5



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle Average Candela	Zonal Lumens
0°	3694.	
5°	3667.	350.0
15°	3631.	1029.2
25°	3309.	1531.8
35°	2917.	1832.6
45°	2385.	1846.7
55°	1927.	1729.1
65°	1309.	1299.2
75°	692.	732.1
85°	194.	211.4
90°	0.	

ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.89	.89	.89	.87	.87	.87	.83	.83	.83
	1	.82	.79	.75	.80	.77	.74	.74	.71	.69
	2	.75	.69	.64	.73	.68	.63	.65	.61	.58
	3	.69	.61	.55	.67	.60	.55	.58	.53	.49
	4	.63	.54	.48	.61	.53	.47	.52	.46	.42
	5	.57	.48	.41	.56	.47	.41	.46	.40	.36
	6	.53	.43	.36	.51	.42	.36	.41	.35	.31
	7	.49	.39	.32	.47	.38	.32	.37	.31	.27
	8	.45	.35	.28	.44	.34	.28	.33	.28	.24
	9	.41	.31	.25	.40	.31	.25	.30	.24	.20
	10	.38	.28	.22	.37	.28	.22	.27	.22	.18

Effective Floor Cavity Reflectance = .20

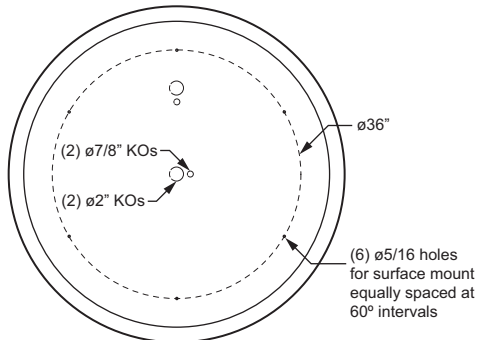
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	2911.	20.6	27.6
0 - 40	4744.	33.6	44.9
0 - 60	8319.	58.9	78.8
0 - 90	10562.	74.8	100.0
Total Luminaire:			
0 - 180	10562.	74.8	100.0

Total Luminaire Optical Efficiency: **74.8%**
 IES Spacing Criteria: Diagonal = 0.9
 Across = 1.2

FIXTURE DETAILS

MOUNTING INFORMATION



LENS PROFILES



Frosted flat acrylic



Frosted convex acrylic