

# ROUND ARCHITECTURAL RECESSED

# RND

## LED

CATALOG #:

TYPE:

PROJECT:

NOTES:

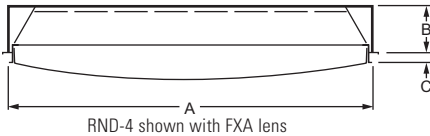
EXAMPLE

**RND - 4 - L111/835 - FXA - OPTIONS - DIM - UNV**

SERIES    NOMINAL DIAMETER    LUMEN PACKAGE    CRI & CCT    LENS    OPTIONS    DRIVER    VOLTAGE



## CROSS SECTION



Fixture Size	A (Dia.)	B	C	
			Min.	Max.
2'	23"	6-1/16"	1-1/4"	2"
3'	35"	6-1/16"	1-1/4"	2"
4'	47"	6-1/16"	1-1/4"	2"

See back for additional dimensional details.

## ORDERING INFORMATION

### SERIES

**RND** Round Architectural Recessed

### NOMINAL DIAMETER

2 2'  
3 3'  
4 4'

### LED PACKAGE

NOTE: Nominal lumens are based on FXA shielding.

EXAMPLE: L111/835			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
2'	2,200	827 = 82 CRI, 2700K	38
<b>L22</b>			
3'	6,600	830 = 82 CRI, 3000K	89
<b>L66</b>			
4'	11,100	840 = 82 CRI, 4000K	150
<b>L111</b>			

Nominal lumen output based on 3500K CCT. Actual lumens may vary +/- 5%. See specific photometric tests. Additional LED lumen packages available, see options.

### LENS

See back for lens details.

**FXA** Frosted convex acrylic lens  
**FCA** Frosted concave acrylic lens  
**FFA** Frosted flat acrylic lens

### OPTIONS

**EM/10W (L\_\_)** 10-watt emergency LED driver (120V-277V only). Additional lower lumen packages available. Specify in increments of 100 nominal lumens. **Example:** 9,500 nominal lumens = RND-4-L111/835-FXA-(L95)  
**CP** Chicago Plenum (CCEA)

### DRIVER

**DRV** Driver prewired for non-dimming applications  
**DIM** 10% dimming driver prewired for 0-10V low voltage applications

### VOLTAGE

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

## FEATURES

- ▶ Round, recessed architectural fixture adds visual interest to a variety of applications.
- ▶ Frosted, round acrylic lens provides soft, uniform light distribution.
- ▶ Varied lens profiles add diversity.
- ▶ Adjustable ring and lens assembly provides clean appearance.
- ▶ Inner flange prevents light leaks.
- ▶ Lift-and-twist lens assembly allows for easy maintenance.
- ▶ Drywall or grid system installation.
- ▶ This fixture is proudly made in the USA.

**NOTE:** Fixture must be installed prior to ceiling system installation.



## LED

Catalog #: **RND-4-L111/835-FXA-DIM-UNV**

### SPECIFICATIONS

**Housing** – 20-gauge C.R.S.  
**Shielding** – Frosted acrylic lens, .125" thick.  
**Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal on reflective surfaces. Textured matte white powder coat on ceiling trim ring. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

**Electrical** – High quality mid-power LED boards. L85 at 50,000 hours. 25°C maximum ambient operating temperature.

**Mounting** – For installation in NEMA Type "G", "SS", or "F" ceiling systems. Earthquake clips are standard. Fixture must be installed prior to ceiling system installation.

- Labels** –
- cCSAus certified as luminaire suitable for dry or damp locations.
  - City of Chicago Environmental Air approved when specified with CP option.

**Warranty** – 5-year limited warranty, see [www.hew.com/warranty](http://www.hew.com/warranty).

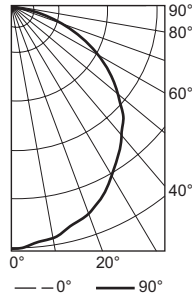
### IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

### PHOTOMETRY

#### TEST REPORT INFORMATION

- ▶ Test Report #: 18646.0
- ▶ Date: 02/13/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 11080**
- ▶ **Watts: 150**
- ▶ **Lumens Per Watt: 73.7**
- ▶ **CRI: 85**
- ▶ **CCT: 3413K**



#### CANDLEPOWER DISTRIBUTION

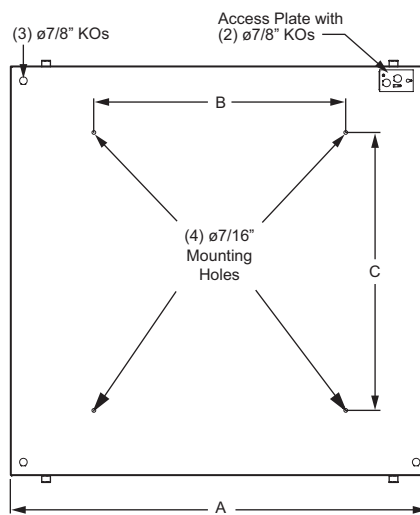
Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	4013.	4013.	4013.	
5°	3925.	3920.	3920.	374.2
15°	3723.	3725.	3723.	1055.6
25°	3452.	3446.	3446.	1596.6
35°	2995.	2995.	2995.	1881.6
45°	2554.	2549.	2554.	1975.0
55°	1967.	1967.	1960.	1761.8
65°	1354.	1351.	1349.	1341.5
75°	734.	730.	734.	775.3
85°	272.	272.	275.	295.8
90°	116.	116.	116.	

#### LUMEN SUMMARY

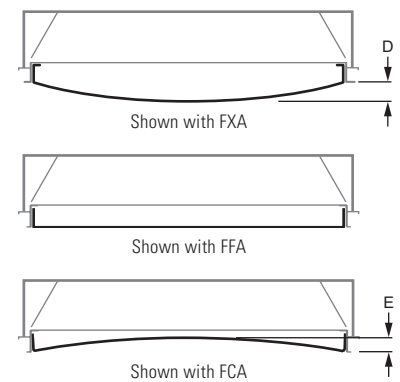
Zone	Lumens	% Fixture
0° - 30°	3026.	27.3
0° - 40°	4908.	44.3
0° - 60°	8645.	78.0
0° - 90°	11057.	99.8
<b>Total Luminaire:</b>		
0° - 180°	11080.	100.0
IES Spacing Criteria: End = 1.2 Across = 1.2 Diagonal = 1.2		

### FIXTURE DETAILS

#### BACKVIEW



#### LENS PROFILES



Series	A	B	C	D	E	CUTOUT SIZES
RND-2	24"	14"	10"	1-9/16"	1-1/2"	ø22-1/4" ±1/4"
RND-3	36"	20"	24"	2-1/16"	1-1/2"	ø34-1/4" ±1/4"
RND-4	48"	29"	32"	2-9/16"	1-1/2"	ø46-1/4" ±1/4"

**NOTE:** Fixture must be installed prior to ceiling system installation.