

ROUND ARCHITECTURAL RECESSED

RND

LED

CATALOG #: _____ TYPE: _____

PROJECT: _____

NOTES: _____

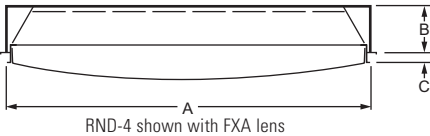
EXAMPLE

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

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



CROSS SECTION



RND-4 shown with FXA lens

| 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 | 830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K | 38 |
| L22 | | | |
| 3' | 6,600 | | 89 |
| L66 | | | |
| 4' | 11,100 | 150 | |
| L111 | | | |

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.
- ▶ LED technology provides high efficacy and energy efficiency.
- ▶ Rated for 50,000 hours at 85% lumen maintenance (L85).
- ▶ Minimum 82 CRI; 3000K, 3500K, 4000K CCT.
- ▶ 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.

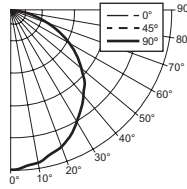
IMPORTANT:

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

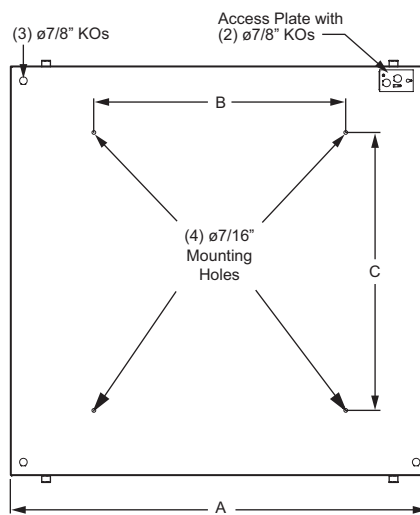
| Vertical Angle | Horizontal Angle | | | Zonal Lumens |
|----------------|------------------|-------|-------|--------------|
| | 0° | 45° | 90° | |
| 0° | 4013. | 4013. | 4013. | |
| 5° | 3925. | 3920. | 3920. | 374.2 |
| 15° | 3723. | 3725. | 3723. | 1055.6 |
| 25° | 3452. | 3446. | 3446. | 1596.6 |
| 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

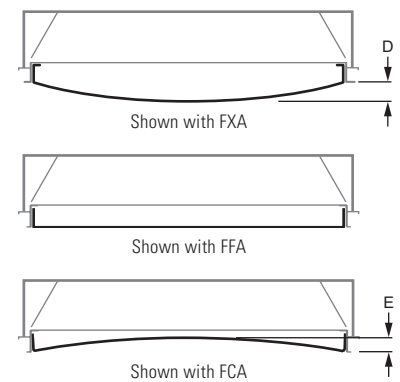
| Zone | Lumens | % Fixture |
|---|--------|-----------|
| 0° - 30° | 3026. | 27.3 |
| 0° - 40° | 4908. | 44.3 |
| 0° - 60° | 8645. | 78.0 |
| 0° - 90° | 11057. | 99.8 |
| Total Luminaire: | | |
| 0° - 180° | 11080. | 100.0 |
| IES Spacing Criteria: End = 1.2 Across = 1.2 Diagonal = 1.2 | | |

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.