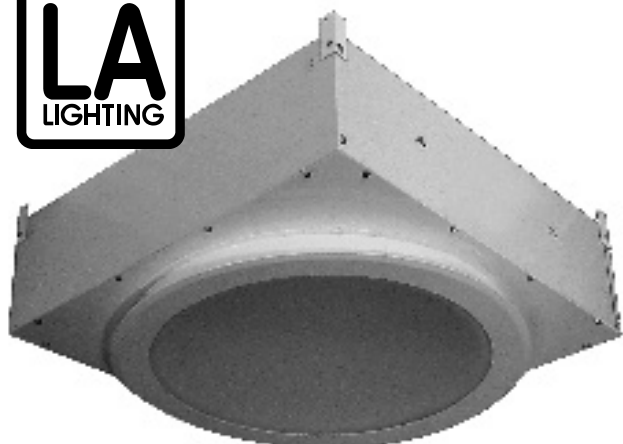


RECESSED



MADE IN THE U.S.A.

RER100 SERIES

- Round Aperture Recessed Luminaire
- One Piece Trim Flange Secured to Fixture Housing by Torsion Springs
- Trim Flange Painted After Fabrication
- White Acrylic Concave Lens Standard / Convex Lens Available

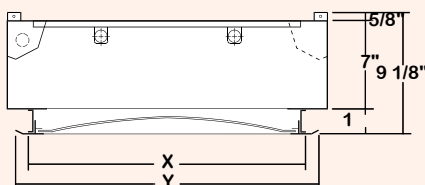
PHOTOMETRIC DATA

TEST ITEM=RER120-2-2RU6-FWA

TEST NO.=LA-T0475
 LAMP TYPE=FB32T8U, 6"
 NO. OF LAMP=2
 LUMENS PER LAMPS=2650

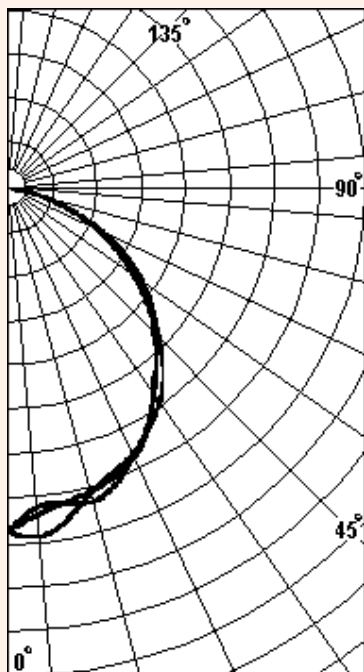
WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C

Ceiling Opening Diameter
 X = 21 1/4"
 Flange overall Diameter



| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---------|--------|--------|-----------|
| 0-30 | 493 | 9.3 | 30.3 |
| 0-40 | 791 | 14.9 | 48.6 |
| 0-60 | 1338 | 25.2 | 82.3 |
| 0-90 | 1625 | 30.7 | 100.0 |
| 90-120 | 0 | 0.0 | 0 |
| 90-130 | 0 | 0.0 | 0 |
| 90-150 | 0 | 0.0 | 0 |
| 90-180 | 0 | 0.0 | 0 |
| 0-180 | 1625 | 30.7 | 100.0 |

Total Luminaire Optical Efficiency = 30.7%



| Angle | End | 45 | Cross |
|-------|-----|-----|-------|
| 0 | 663 | 663 | 663 |
| 5 | 634 | 676 | 618 |
| 15 | 603 | 605 | 624 |
| 25 | 562 | 557 | 557 |
| 35 | 469 | 467 | 491 |
| 45 | 380 | 379 | 389 |
| 55 | 280 | 275 | 294 |
| 65 | 178 | 180 | 184 |
| 75 | 82 | 85 | 83 |
| 85 | 23 | 24 | 24 |
| 90 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 |

| ALONG | CROSS |
|-------|-------|
| 1.16 | 1.18 |

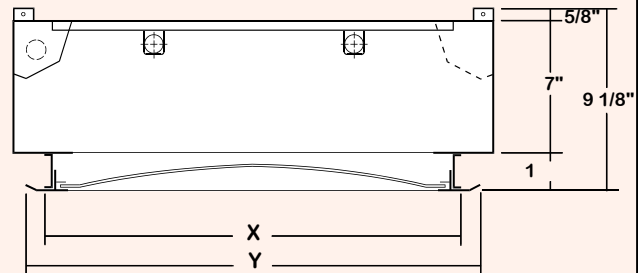
| pfc pcc pw RCR | COEFFICIENT OF UTILIZATION | | | | | | | | | | | | | | | |
|-------------------------|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 20 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
| 0 | 36 | 36 | 36 | 35 | 35 | 35 | 34 | 34 | 34 | 32 | 32 | 32 | 31 | 31 | 31 | 30 |
| 1 | 33 | 32 | 30 | 32 | 31 | 30 | 30 | 29 | 29 | 29 | 28 | 27 | 27 | 27 | 26 | 26 |
| 2 | 30 | 28 | 26 | 29 | 27 | 25 | 26 | 25 | 25 | 25 | 24 | 24 | 24 | 23 | 22 | 22 |
| 3 | 28 | 24 | 22 | 27 | 24 | 22 | 23 | 21 | 22 | 22 | 21 | 21 | 21 | 20 | 18 | 18 |
| 4 | 25 | 22 | 19 | 25 | 21 | 19 | 21 | 18 | 20 | 20 | 18 | 19 | 18 | 18 | 16 | 16 |
| 5 | 23 | 19 | 17 | 23 | 19 | 17 | 18 | 16 | 18 | 18 | 16 | 17 | 16 | 16 | 14 | 14 |
| 6 | 22 | 17 | 15 | 21 | 17 | 15 | 17 | 14 | 16 | 16 | 14 | 16 | 14 | 14 | 12 | 12 |
| 7 | 20 | 16 | 13 | 19 | 16 | 13 | 15 | 13 | 15 | 15 | 13 | 14 | 12 | 12 | 10 | 10 |
| 8 | 19 | 14 | 12 | 18 | 14 | 12 | 14 | 12 | 13 | 13 | 11 | 13 | 11 | 11 | 9 | 9 |
| 9 | 17 | 13 | 11 | 17 | 13 | 11 | 13 | 11 | 12 | 12 | 10 | 12 | 10 | 10 | 8 | 8 |
| 10 | 16 | 12 | 10 | 16 | 12 | 10 | 12 | 10 | 11 | 11 | 10 | 11 | 9 | 9 | 8 | 8 |

RECESSED



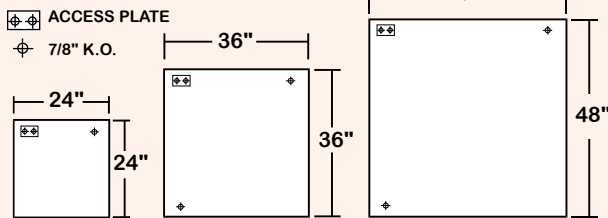
RER100 SERIES

CROSS SECTION



- 2' ROUND** Ceiling Opening Diameter X = 21 1/4"
Flange overall Diameter Y = 22 3/4"
- 3' ROUND** Ceiling Opening Diameter X = 33 1/4"
Flange overall Diameter Y = 34 3/4"
- 4' ROUND** Ceiling Opening Diameter X = 45-1/4"
Flange overall Diameter Y = 46-3/4"

BACKPLATE

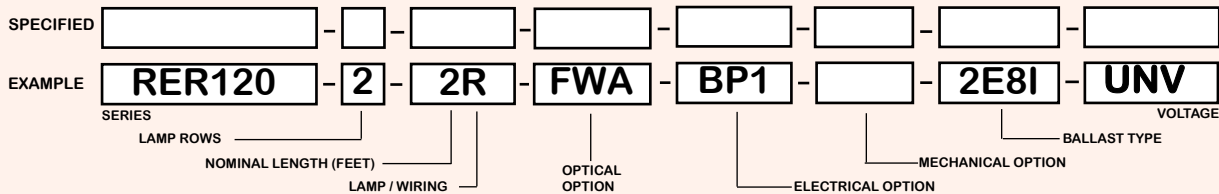


CATALOG NUMBER

| TWO FOOT ROUND | | | THREE FOOT ROUND | | | FOUR FOOT ROUND | | |
|----------------|---------------|-------------|------------------|---------------|-------------|-----------------|---------------|-------------|
| | NOMINAL WIDTH | TOTAL LAMPS | | NOMINAL WIDTH | TOTAL LAMPS | | NOMINAL WIDTH | TOTAL LAMPS |
| RER120-1-2M | 2' | 1 | RER130-2-3M | 3' | 2 | RER140-4-4M | 4' | 4 |
| RER120-2-2M | 2' | 2 | RER130-3-3M | 3' | 3 | RER140-6-4M* | 4' | 6 |
| RER120-3-2M | 2' | 3 | RER130-4-3M | 3' | 4 | RER140-8-4M* | 4' | 8 |
| RER120-4-2M | 2' | 4 | RER130-2-3R | 3' | 2 | RER140-4-4R | 4' | 4 |
| RER120-1-2RU | 2' | 1 | RER130-3-3R | 3' | 3 | RER140-6-4R | 4' | 6 |
| RER120-2-2R | 2' | 2 | RER130-4-3R | 3' | 4 | RER140-8-4R | 4' | 8 |
| RER120-2-2RU | 2' | 2 | | | | | | |
| RER120-3-2R | 2' | 3 | | | | | | |
| RER120-4-2R | 2' | 4 | | | | | | |

Note: To Denote Specular Aluminum Cover Add "SR" To Beginning Of Catalog Number.
* Not For Installed In A Close Box Ceiling Structure.

ORDERING GUIDE



NOTE: LAMP/WIRING* M= Miniature Bi-Pin T5 R= Medium Bi-Pin T8

OPTIONS and ACCESSORIES

- BALLAST OPTIONS***
 - Electronic T5 SUFFIX xE5
 - Electronic T5HO SUFFIX xE5H
 - Electronic T8 Instant Start SUFFIX xE8I
 - Electronic T8 Rapid Start SUFFIX xE8R
 - Electronic T8HO SUFFIX xE8H
- ELECTRICAL OPTIONS**
 - Emergency Battery Pack SUFFIX *
 - External Line Fusing (HLR/GLR) SUFFIX ELF
- OPTICAL OPTIONS**
 - Frosted White Acrylic Dome SUFFIX FWA
- MECHANICAL OPTIONS**
 - Hanger Yokes (2') SUFFIX HS-24 1/2
 - Hanger Yokes (3') SUFFIX HS-36 1/2
 - Hanger Yokes (4') SUFFIX HS-48 1/2

x = Number of Lamps per Ballast

*Refer to www.lalighting.com/resources for more information

SPECIFICATIONS

MADE IN THE U.S.A.

- TYPE** Recessed mounted flanged luminaire with round aperture.
- DOOR FRAME** Die formed 20 gauge CRS. Attaches to housing by torsion springs.
- OPTIC** Frosted white acrylic dome diffuser standard.
- CONSTRUCTION** 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
- FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- LABELS** U.L. Listed. Compatible with UL Fire-Rated Ceiling Assemblies.

