



FEATURES & SPECIFICATIONS

INTENDED USE

Provides general illumination in residential and light commercial applications. Ideal for use with narrow ceiling areas such as in workshops, utility rooms and corridors.

ATTRIBUTES

Full wraparound with white finished steel end plates and acrylic, prismatic diffuser provides widespread illumination. Diffuser's lift and shift design provides for easy installation, lamp access, cleaning and superior retention. Available in 2 lamp configurations.

Uses a residential electronic ballast (120 volt, 60Hz) for instant on, ensures no flickering and quiet operation without interfering with other home electronics. Utilizes (2) 32W or (2) 17W linear T8 fluorescent lamps (F32T8/735) for energy efficiency, superior color rendering and 10,000 hour average lamp life. Series ballast operation and sleeved leads eliminate need for channel cover.

For use with non-dimmable switches only.

LISTING

CUL listed to US and Canadian safety standards and suitable for damp locations. ENERGY STAR® qualified.

WARRANTY

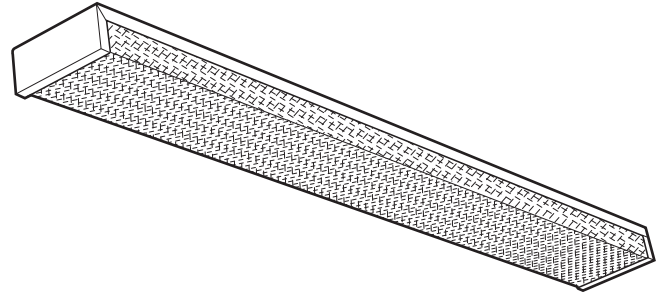
Guaranteed for two years against mechanical defects in manufacture.

| | |
|----------------|------|
| Catalog Number | |
| Notes | Type |

Indoor General Purpose

Wraparound Narrow End Utility

Linear T8 Fluorescent

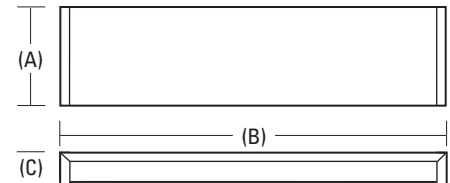


DIMENSIONS

| Nominal Size | Lamp Configuration | Model Number | Number of Lamps | (A) Width inches (cm) | (B) Length inches (cm) | (C) Height* inches (cm) |
|--------------|--------------------|--------------|-------------------|-----------------------|------------------------|-------------------------|
| (2) lamp | | 3324 2L17W | (2) 17W linear T8 | 5-1/8" (33.0) | 24-7/8" (160.4) | 2-1/2" (16.1) |
| (2) lamp | | 3348 2L32W | (2) 32W linear T8 | 5-1/8" (33.0) | 48-7/8" (315.3) | 2-1/2" (16.1) |

* Extension from ceiling

All dimensions are in inches (centimeters)



ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories and replacement parts as separate catalog numbers.

Example: **3348 2L32W WRAP**

| Model Number ^{1,2} |
|---|
| 3324 2L17W |
| (2) 17W linear T8 fluorescent lamps required |
| 3348 2L32W |
| (2) 32W linear T8 fluorescent lamps required |

| Ballast/Voltage |
|--|
| (blank) 120 volt residential electronic ballast (standard) |

Accessories/Replacement parts

| | |
|-------------------|---------------|
| D3324/DRB2 | 2ft. diffuser |
| D3348/DRB4 | 4ft. diffuser |

Notes:

1. **Lamps not included.**
2. Use with non-dimmable switches only.

PHOTOMETRICS

DATE: 11/2/2007

TEST NO: LTL16375

MANUFACTURER: LITHONIA LIGHTING

LUMINAIRE CATALOG NO.: MODEL 3348

LUMINAIRE DESCRIPTION: RESIDENTIAL WRAP, 5" X 49", TWO (2) SERIES CONNECTED T8 LAMPS, NO CHANNEL COVER, BALLAST PAINTED WHITE, ACRYLIC PRISMATIC DROP DIFFUSER 1 1/2" DEEP, CHUANSHI RESIDENTIAL ELECTRONIC BALLAST

LAMP CATALOG NO.: FO32/735/ECO

LAMP DESCRIPTION: TWO 32-WATT T8 LINEAR FLUORESCENT, HORIZONTAL POSITION

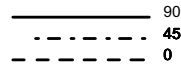
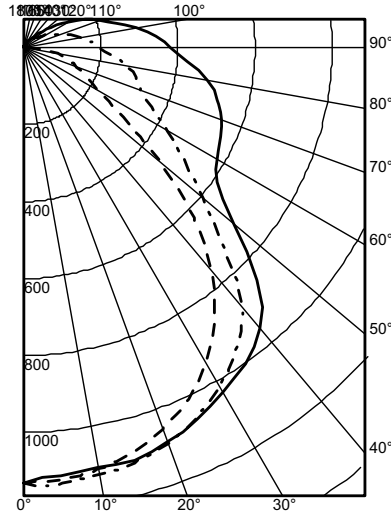
BALLAST DESCRIPTION: AP RC2321S - CALC BF = 78%

LUMENS PER LAMP: 2850

INPUT WATTS: 52.7

CANDELA DISTRIBUTION

| | 0 | 22.5 | 45 | 67.5 | 90 | Ave | Lumens |
|-----|------|------|------|------|------|------|--------|
| 0 | 1132 | 1132 | 1132 | 1132 | 1132 | 1132 | |
| 5 | 1127 | 1125 | 1136 | 1118 | 1116 | 1125 | 107 |
| 15 | 1089 | 1089 | 1116 | 1109 | 1110 | 1103 | 312 |
| 25 | 1009 | 1022 | 1062 | 1061 | 1065 | 1046 | 482 |
| 35 | 863 | 899 | 960 | 986 | 1004 | 945 | 589 |
| 45 | 624 | 665 | 735 | 801 | 856 | 735 | 565 |
| 55 | 314 | 394 | 507 | 601 | 611 | 491 | 446 |
| 65 | 179 | 259 | 368 | 544 | 562 | 385 | 383 |
| 75 | 122 | 174 | 301 | 476 | 519 | 318 | 335 |
| 85 | 36 | 83 | 229 | 388 | 426 | 233 | 257 |
| 90 | 2 | 50 | 195 | 347 | 381 | 196 | |
| 95 | 1 | 45 | 177 | 316 | 345 | 178 | 193 |
| 105 | 1 | 39 | 126 | 223 | 249 | 128 | 136 |
| 115 | 2 | 30 | 83 | 149 | 173 | 87 | 87 |
| 125 | 2 | 21 | 52 | 87 | 103 | 53 | 48 |
| 135 | 2 | 15 | 32 | 45 | 51 | 30 | 24 |
| 145 | 2 | 10 | 22 | 24 | 25 | 17 | 11 |
| 155 | 2 | 3 | 12 | 14 | 14 | 9 | 4 |
| 165 | 1 | 0 | 1 | 3 | 5 | 2 | 1 |
| 175 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



ZONAL LUMEN SUMMARY

| Zone | Lumens | % Lamp | % Fixture |
|------------|--------|--------|-----------|
| 0° - 30° | 900.3 | 15.8 | 22.6 |
| 0° - 40° | 1489.3 | 26.1 | 37.4 |
| 0° - 60° | 2501.1 | 43.9 | 62.8 |
| 0° - 90° | 3476.0 | 61.0 | 87.3 |
| 90° - 120° | 416.2 | 7.3 | 10.5 |
| 90° - 130° | 464.5 | 8.1 | 11.7 |
| 90° - 150° | 499.4 | 8.8 | 12.5 |
| 90° - 180° | 504.4 | 8.8 | 12.7 |
| 0° - 180° | 3980.4 | 69.8 | 100.0 |

LUMINAIRE EFFICIENCY: 69.8%

SPACING CRITERIA(0-Deg): 1.2

SPACING CRITERIA(90-Deg): 1.4

CIE CLASSIFICATION: Semi-Direct

AVERAGE LUMINANCE (cd/m2)

| | 0° | 45° | 90° |
|-----|------|------|------|
| 45° | 5401 | 5516 | 6162 |
| 55° | 3316 | 4401 | 5017 |
| 65° | 2522 | 3928 | 5567 |
| 75° | 2704 | 4343 | 6735 |
| 85° | 2014 | 5348 | 8383 |

Calculations based on IES File Luminous Area: 5.16 in. W x 47.88 in. L x 1.2 in. H

COEFFICIENTS OF UTILIZATION

| pf | 20% | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 80% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | |
| pc | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |
| 0 | 81 | 81 | 81 | 81 | 73 | 73 | 73 | 68 | 68 | 68 | 63 | 63 | 63 | 61 | | | | | |
| 1 | 73 | 69 | 65 | 62 | 61 | 59 | 57 | 57 | 55 | 53 | 53 | 52 | 50 | 48 | | | | | |
| 2 | 66 | 59 | 54 | 50 | 53 | 49 | 46 | 50 | 47 | 44 | 46 | 44 | 41 | 39 | | | | | |
| 3 | 60 | 52 | 46 | 41 | 47 | 42 | 39 | 44 | 40 | 37 | 41 | 38 | 35 | 33 | | | | | |
| 4 | 55 | 46 | 40 | 35 | 42 | 37 | 33 | 39 | 35 | 31 | 37 | 33 | 30 | 28 | | | | | |
| 5 | 50 | 41 | 35 | 30 | 37 | 32 | 28 | 35 | 31 | 27 | 33 | 29 | 26 | 24 | | | | | |
| 6 | 47 | 37 | 31 | 26 | 34 | 29 | 25 | 32 | 27 | 24 | 30 | 26 | 23 | 21 | | | | | |
| 7 | 43 | 34 | 28 | 23 | 31 | 26 | 22 | 29 | 25 | 21 | 27 | 24 | 21 | 19 | | | | | |
| 8 | 40 | 31 | 25 | 21 | 28 | 23 | 20 | 27 | 22 | 19 | 25 | 21 | 18 | 17 | | | | | |
| 9 | 38 | 28 | 22 | 19 | 26 | 21 | 18 | 25 | 20 | 17 | 23 | 19 | 17 | 15 | | | | | |
| 10 | 35 | 26 | 20 | 17 | 24 | 19 | 16 | 23 | 19 | 16 | 22 | 18 | 15 | 14 | | | | | |

SINGLE LUMINAIRE PERFORMANCE

Task Height: 2.5ft.

50% beam - 67.2° 10% beam - 107.1°

| Mounting Height | Initial FC | | | | | |
|-----------------|------------|------|----------|------|----------|-----|
| | Center | Beam | Diameter | FC | Diameter | FC |
| 8.0 | 34.7 | | 7.3 | 17.4 | 14.9 | 3.5 |
| 10.0 | 19.3 | | 10.0 | 9.6 | 20.3 | 1.9 |
| 12.0 | 12.2 | | 12.6 | 6.1 | 25.7 | 1.2 |
| 14.0 | 8.4 | | 15.3 | 4.2 | 31.2 | 0.8 |
| 16.0 | 6.1 | | 17.9 | 3.0 | 36.6 | 0.6 |



An Acuity Brands Company

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