



Note: Drawing above illustrates only one of the suspension types available for this Luminaire. For other drawings, consult individual Suspension Specification Sheet numbers as noted in Suspension chart(s) below.

Complete Luminaire consists of Body and Suspension: Order each separately.

| Body Cat. No. | Finish | Lamps | Options |
|--------------------------------------|----------------|--|--|
| 4F35642APBU <input type="checkbox"/> | Polished Brass | 6-26 Triple Tube Compact Fluorescent or 6-32 Triple Tube Compact Fluorescent or 6-42 Triple Tube Compact Fluorescent | D2 (26W, 120V only), E3 (347V) Add Suffix to Cat. No. |
| 4F35642ASNU <input type="checkbox"/> | Satin Nickel | | |
| 4F35642AWHU <input type="checkbox"/> | White | | |

| Single Swivel Stem | | Multiple to Short Swivel Stem | | 3 Cables to Short Swivel | | Suspension Ext. Kits | |
|---|------------------------|---|-------------|---|-------------|---|-------------|
| Cat. No. | Nominal OAL | Cat. No. | Nominal OAL | Cat. No. | Nominal OAL | Cat. No. | Nominal OAL |
| Specify Finish as Suffix: PB, SN or WH | | Specify Finish as Suffix: PB, SN or WH | | Specify Finish as Suffix: PB, SN or WH | | Specify Finish as Suffix: PB, SN or WH | |
| 4SB115 <input type="checkbox"/> | 16 9/16" | 4SB224 <input type="checkbox"/> | 25 9/16" | 4SB335 <input type="checkbox"/> | 35" | 4SXT48 <input type="checkbox"/> | 48" |
| 4SB118 <input type="checkbox"/> | 18" (close-to-ceiling) | 4SB228 <input type="checkbox"/> | 29 3/8" | See Specification Sheet 4SB324 | | 4SXT96 <input type="checkbox"/> | 96" |
| 4SB121 <input type="checkbox"/> | 19 5/16" | 4SB235 <input type="checkbox"/> | 35" | | | | |
| 4SB124 <input type="checkbox"/> | 25 9/16" | 4SB242 <input type="checkbox"/> | 40 5/16" | | | | |
| 4SB128 <input type="checkbox"/> | 29 3/8" | See Specification sheet 4SB324 | | | | | |
| 4SB135 <input type="checkbox"/> | 35" | | | | | | |
| 4SB142 <input type="checkbox"/> | 40 5/16" | | | | | | |
| See Specification Sheet(s) 4SB115, 4SB124 | | | | | | | |

Specifications

- Suspension Size:** For optimum performance testing recommends OAL (overall length) in proportion to the Body diameter or for close-to-ceiling proportion length (see shaded cells). OAL is defined from bottom of diffuser to ceiling plane.
- Stem Wires:** Equipped with 120" of leads with keyed connections for quick connection to Body wiring.

Options & Accessories

- D2** = Dimming Electronic Ballast, 26 Watt, 120V, only
Replace Body Cat No. Suffix "U" with Suffix "D2".
- E3** = 347V (Canada)
Replace Body Suffix "U" with Suffix "E3".
- EM** = Emergency Battery Pack
Add Suffix "EM" to Body Cat. No.

Multi-Level Switching: Prewired, consult wiring diagram.

Fusing: Consult Factory

Finishes: **PB** = Polished Brass, **SN** = Satin Nickel, **WH** = White

| Job Information | Type: |
|-----------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2005 Genlyte Group LLC • C0605

LIGHTOLIER



Features

- 1. Diffusing Reflector:** White translucent acrylic, 3/16" thick.
- 2. Inner Dirt Shield:** White translucent acrylic, 1/8" thick.
- 3. Chassis:** Steel 20 gauge, semi-gloss white powder-coat finish.
- 4. Suspension:** Swivel (central) stem, 5/8" steel tube. Canopy, steel, 7" Dia. fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°.
- 5. Multiple Stems:** 3/8" Steel outer pipe stems surround center stem and go into collector plate.
- 6. Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.
- 7. Flange Trim:** Steel 20 gauge, Plated or Painted Finish.

Lamping (by others)

Compact Fluorescent: Triple Tube, 26, 32, or 42 Watts.

| | General Electric | Osram/Sylvania | Philips |
|--|------------------|----------------|---------------|
| 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp | F26TBX/* /A/4P | CF26DT/E/IN/* | PL-T26W/* /4P |
| 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp | F32TBX/* /A/4P | CF32DT/E/IN/* | PL-T32W/* /4P |
| 42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp | F42QBK/* /A/4P | CF42DT/E/IN/* | PL-T42W/* /4P |

*Manufacturers' color temperature designation.

Electrical

Ballast: Electronic, 2-Lamp HPF, Class P, Programmed Start.
Universal Voltage 120/277V, Multi-Wattage 26/32/42W.

| 6 Lamps | 26 Watt | | 32Watt | | 42Watt | |
|---------------------------------|---------|-------|--------|-------|--------|-------|
| | 120V | 277V | 120V | 277V | 120V | 277V |
| Voltage | 120V | 277V | 120V | 277V | 120V | 277V |
| Total Input Watts | 165 | 165 | 204 | 204 | 279 | 279 |
| Max. Line Current (amps) | 2.22 | 0.96 | 2.80 | 1.20 | 1.20 | 1.60 |
| Power Factor | >0.98 | >0.98 | >0.98 | >0.98 | >0.99 | >0.99 |
| Ballast Factor | 1.02 | 1.02 | 0.96 | 0.96 | 0.95 | 0.95 |

THD<10% Minimum Starting Temperature -5°F /-20°C.

Mounting

Mounts directly to 4" outlet box, using crossbar hanger, supplied.

Labels

cULus listed suitable for damp locations.

Application Data

| | | | | | | | |
|--|------------|------------|------------|---------------------------------------|--|--|--|
| 35 Inch Diameter 36' x 36' x 11' Space Luminaire | | | | Spacing: 12' x 12' Susp. Dist. 35" | | | |
| 6 Lamps | 26W TTT | 32W TTT | 42W TTT | | | | |
| Illum. (FC) Maint. | 33 | 44 | 60 | | | | |
| Lum. Ratio | 8/1 | 8/1 | 7/1 | | | | |
| Watts/ Sq. Ft. | 1.15 | 1.42 | 1.94 | | | | |

Reflectancies: 80% Ceiling, 50% Walls, 20% Floor.
Light Loss Factor = .75 (.88 BF x .85)
FC (footcandles) at 30" work plane.

CERTIFIED TEST REPORT NO. 1409FR
COMPUTED BY LSI PROGRAM **TEST-LITE**

LIGHTOLIER INDIRECT/DIRECT PENDANT FIXTURE
CAT. #4F35642WHU, 35" DIFFUSER WITH SPILL RING
6-42W T/E SYLVANIA LAMPS. LUMEN RATING = 3200 LMS.
ADVANCE BALLAST #ICF-2S42-M2-LD, 120VAC

| ANGLE | MEAN CP | LUMENS | ANGLE | MEAN CP | LUMENS |
|-------|---------|--------|-------|---------|--------|
| 0 | 826 | | 90 | 97 | |
| 5 | 824 | 78 | 95 | 390 | 536 |
| 10 | 814 | | 100 | 1088 | |
| 15 | 798 | 226 | 105 | 1551 | 1620 |
| 20 | 184 | | 110 | 1934 | |
| 25 | 776 | 346 | 115 | 2246 | 2218 |
| 30 | 748 | | 120 | 2511 | |
| 35 | 715 | 422 | 125 | 2846 | 2362 |
| 40 | 675 | | 130 | 2729 | |
| 45 | 626 | 443 | 135 | 2835 | 2195 |
| 50 | 574 | | 140 | 2940 | |
| 55 | 517 | 409 | 145 | 3004 | 1880 |
| 60 | 456 | | 150 | 3022 | |
| 65 | 396 | 332 | 155 | 3055 | 1415 |
| 70 | 334 | | 160 | 3096 | |
| 75 | 273 | 230 | 165 | 2936 | 820 |
| 80 | 216 | | 170 | 2802 | |
| 85 | 164 | 137 | 175 | 2537 | 249 |
| 90 | 97 | | 180 | 2749 | |

| ZONE | LUMENS% | LAMP% | LUMINAIRE |
|--------|---------|-------|-----------|
| 0-30 | 649 | 3.38 | 4.08 |
| 0-40 | 1072 | 5.58 | 6.74 |
| 0-60 | 1925 | 10.03 | 12.09 |
| 0-90 | 2623 | 13.67 | 16.48 |
| 40-90 | 1551 | 8.08 | 9.75 |
| 60-90 | 698 | 3.64 | 4.39 |
| 90-180 | 13294 | 69.24 | 83.52 |
| 0-180 | 15917 | 82.91 | 100.00 |

DATE: MAY 4, 2001
PREPARED FOR:
LIGHTOLIER, FALL RIVER, MA

** EFFICIENCY = 82.9% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD
%EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

| | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 1 | .69 | .66 | .63 | .60 | .58 | .55 | .44 | .43 | .41 | .29 | .28 | .27 | .15 | .15 | .15 | .08 |
| 2 | .60 | .55 | .51 | .53 | .49 | .45 | .38 | .36 | .34 | .25 | .24 | .23 | .13 | .13 | .12 | .07 |
| 3 | .53 | .47 | .43 | .46 | .42 | .38 | .34 | .31 | .28 | .22 | .21 | .19 | .12 | .11 | .10 | .06 |
| 4 | .47 | .41 | .36 | .41 | .36 | .32 | .30 | .27 | .24 | .20 | .18 | .16 | .11 | .10 | .09 | .05 |
| 5 | .41 | .35 | .30 | .36 | .31 | .27 | .27 | .23 | .20 | .18 | .16 | .14 | .09 | .08 | .08 | .04 |
| 6 | .37 | .31 | .26 | .32 | .27 | .23 | .24 | .20 | .18 | .16 | .14 | .12 | .08 | .07 | .07 | .04 |
| 7 | .33 | .27 | .22 | .29 | .24 | .20 | .21 | .18 | .15 | .14 | .12 | .10 | .08 | .06 | .06 | .03 |
| 8 | .30 | .24 | .20 | .26 | .21 | .17 | .19 | .16 | .13 | .13 | .11 | .09 | .07 | .06 | .05 | .03 |
| 9 | .27 | .21 | .17 | .23 | .19 | .15 | .17 | .14 | .12 | .12 | .10 | .08 | .06 | .05 | .04 | .02 |
| 10 | .24 | .19 | .15 | .21 | .17 | .13 | .16 | .13 | .10 | .11 | .08 | .07 | .06 | .05 | .04 | .02 |

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

LIGHTOLIER

Job Information Type:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2005 Genlyte Group LLC • C0605