

Note: Drawing 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 (Add Suffix to cat. No.)
4R42842APBU	Polished Brass	8-26 Triple Tube Compact Fluorescent or 8-32 Triple Tube Compact Fluorescent or 8-42 Triple Tube Compact Fluorescent	D2 (26W, 120V only), E3 (347V), or EM
4R42842ASBU	Satin Brass		

Single Swivel Stem		Multiple Swivel Stem		3 Rods to Short Swivel Stem	
Cat. No.	Nominal OAL	Cat. No.	Nominal OAL	Cat. No.	Nominal OAL
Specify Finish as Suffix:	PB = Polished Brass SB = Satin Brass	Specify Finish as Suffix:	PB = Polished Brass SB = Satin Brass	Specify Finish as Suffix:	PB = Polished Brass SB = Satin Brass
4SB115 <input type="checkbox"/>	18 1/4"	4ST228 <input type="checkbox"/>	31 1/16"	4ST442 <input type="checkbox"/>	42"
4SB118 <input type="checkbox"/>	19 11/16"	4ST235 <input type="checkbox"/>	36 11/16"	See Specification Sheet 4ST428	
4SB121 <input type="checkbox"/>	21" (close to ceiling)	4ST242 <input type="checkbox"/>	42"		
4SB124 <input type="checkbox"/>	27 1/4"	See Specification Sheet 4ST228			
4SB128 <input type="checkbox"/>	31 1/16"				
4SB135 <input type="checkbox"/>	36 11/16"				
4SB142 <input type="checkbox"/>	42"				

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 connectors 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

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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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°. Complies with California Code.
- 5. Rods:** Reflector Bowl is suspended from a central point on three 3/16" steel rods.
- 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 F26TBX/*A/4P	(Amalgam) Compact CF26DT/E/IN/*	Fluorescent Lamp PL-T26W/*4P
32W Triple Tube 4-Pin F32TBX/*A/4P	(Amalgam) Compact CF32DT/E/IN/*	Fluorescent Lamp PL-T32W/*4P
42W Triple Tube 4-Pin F42QBK/*A/4P	(Amalgam) Compact CF42DT/E/IN/*	Fluorescent Lamp 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.

8 Lamp	26 Watt		32Watt		42Watt	
Voltage	120V	277V	120V	277V	120V	277V
Total Input Watts	440	440	560	560	744	744
Max. Line Current(amps)	4.44	1.92	5.60	2.40	2.40	3.20
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

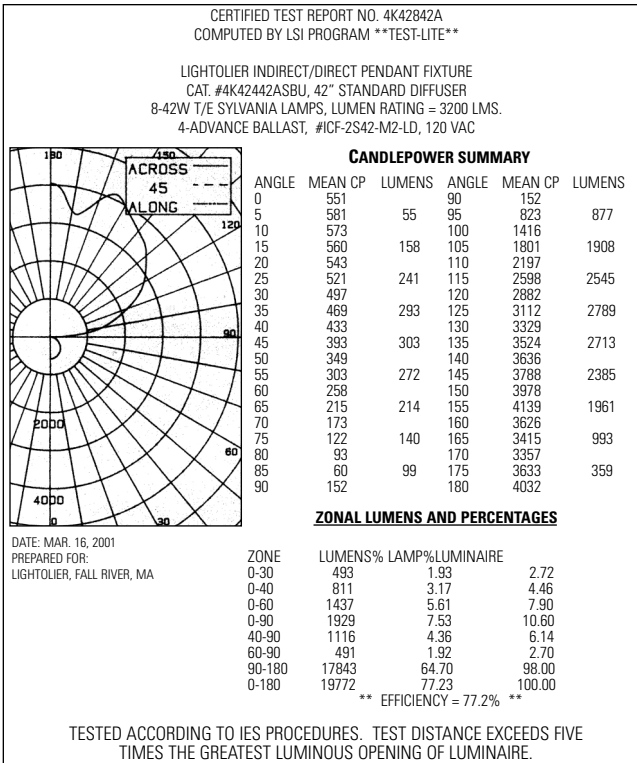
cULus Suitable for Damp Locations.

Application Data

42 Inch Diameter
45' x 45' x 12' Space

Luminaire	Spacing: 15' x 15' Susp. Dist. 42"		
8 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC) Maint.	25	35	45
Lum. Ratio	11/1	11/1	12/1
Watts/ Sq. Ft.	.98	1.21	1.65

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



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	.58	.56	.53	.51	.49	.46	.38	.36	.35	.25	.25	.24	.14	.14	.13	.08
2	.51	.47	.41	.44	.41	.38	.33	.31	.28	.22	.21	.20	.12	.12	.11	.07
3	.49	.40	.36	.39	.35	.32	.29	.27	.24	.20	.18	.17	.11	.10	.10	.06
4	.39	.34	.31	.35	.30	.27	.26	.23	.21	.16	.16	.14	.10	.09	.08	.05
5	.34	.30	.26	.31	.26	.23	.23	.20	.18	.16	.14	.12	.09	.08	.07	.04
6	.31	.26	.22	.27	.23	.20	.20	.17	.15	.14	.12	.11	.08	.07	.06	.04
7	.28	.23	.19	.24	.20	.17	.18	.15	.13	.13	.11	.09	.07	.06	.05	.03
8	.25	.20	.17	.22	.18	.15	.17	.14	.11	.11	.09	.08	.06	.05	.05	.03
9	.23	.18	.14	.20	.16	.13	.15	.12	.10	.10	.08	.07	.06	.05	.04	.02
10	.20	.16	.13	.18	.14	.11	.14	.11	.09	.09	.08	.06	.05	.04	.04	.02

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

LIGHTOLIER®

Job Information **Type:**

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