

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
4F23242APBU <input type="checkbox"/>	Polished Brass	2-26 Triple Tube Compact Fluorescent	D2 (26W, 120V only),
4F23242ASNU <input type="checkbox"/>	Satin Nickel	or 2-32 Triple Tube Compact Fluorescent	E3 (347V), or EM
4F23242AWHU <input type="checkbox"/>	White	or 2-42 Triple Tube Compact Fluorescent	Add Suffix to Cat. No.

Single Swivel Stem		3 Cables to Short Swivel		Suspension Extension Kits	
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	
4SB115 <input type="checkbox"/>	14 7/8" (close-to-ceiling)	4SB324 <input type="checkbox"/>	23 7/8"	4SXT48 <input type="checkbox"/>	48"
4SB118 <input type="checkbox"/>	16 5/16"	See Specification sheet 4SB324		4SXT96 <input type="checkbox"/>	96"
4SB121 <input type="checkbox"/>	17 5/8"				
4SB124 <input type="checkbox"/>	23 7/8"				
4SB128 <input type="checkbox"/>	27 11/16"				
4SB135 <input type="checkbox"/>	33 5/16"				
4SB142 <input type="checkbox"/>	38 5/8"				
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 dif-fuser to ceiling plane.
- Stem Wires: Equipped with 120" of leads with keyed connector 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 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

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, 3/4" steel tube. Canopy, 7" Dia., fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°. Complies with California Code.
- 5. Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.
- 6. 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 N120/277V, Multi-Wattage 26/32/42W.

4 Lamp	26 Watt		32Watt		42Watt	
	120V	277V	120V	277V	120V	277V
Voltage	120V	277V	120V	277V	120V	277V
Total Input Watts	55	55	68	68	93	93
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).

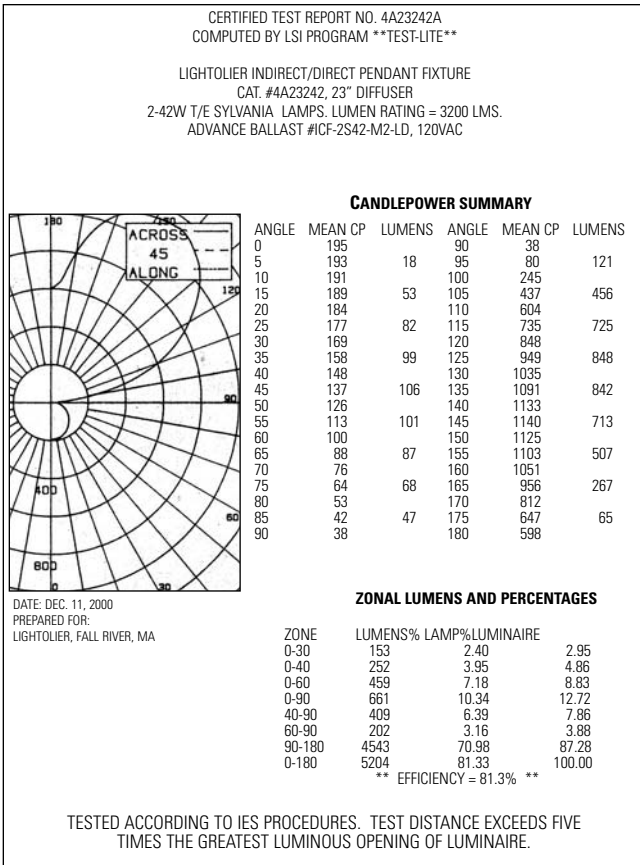
23 Inch Diameter 24' x 24' x 9.5' Space Luminaire Spacing: 8' x 8' Susp. Dist. 24"			
2 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC)	22	29	40
Maint. Lum. Ratio	7/1	7/1	8/1
Watts/Sq. Ft.	0.85	1.06	1.45

Application Data

Reflectances: 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	.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

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

