

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
4A23242APBU <input type="checkbox"/>	Polished Brass	2-26 Triple Tube Compact Fluorescent	D2 (26W, 120V only),
4A23242ASNU <input type="checkbox"/>	Satin Nickel	or 2-32 Triple Tube Compact Fluorescent	E3 (347V), or EM
		or 2-42 Triple Tube Compact Fluorescent	<b>Add suffix to cat. no.</b>

Single Swivel Stem		Suspension Extension Kits	
Cat. No.	Nominal OAL	Cat. No.	Nominal OAL
<b>Specify Finish as Suffix: PB or SN</b>		<b>Specify Finish as Suffix: PB or SN</b>	
4SB115 <input type="checkbox"/>	15" (close-to-ceiling)	4SXT48 <input type="checkbox"/>	48"
4SB118 <input type="checkbox"/>	16 7/16"	4SXT96 <input type="checkbox"/>	96"
4SB121 <input type="checkbox"/>	17 3/4"		
4SB124 <input type="checkbox"/>	24"		
4SB128 <input type="checkbox"/>	27 13/16"		
4SB135 <input type="checkbox"/>	33 7/16"		
4SB142 <input type="checkbox"/>	38 3/4"		

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 spec sheet **4SB115** or **4SB124**). OAL is defined from bottom of diffuser 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

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 • B0605

# 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, 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.

### 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.

2 Lamp	26 Watt		32Watt		42Watt	
<b>Voltage</b>	120V	277V	120V	277V	120V	277V
<b>Total Input Watts</b>	55	55	70	70	93	93
<b>Max. Line Current (amps)</b>	0.55	0.24	0.70	0.30	0.30	0.40
<b>Power Factor</b>	>0.98	>0.98	>0.98	>0.98	>0.99	>0.99
<b>Ballast Factor</b>	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.

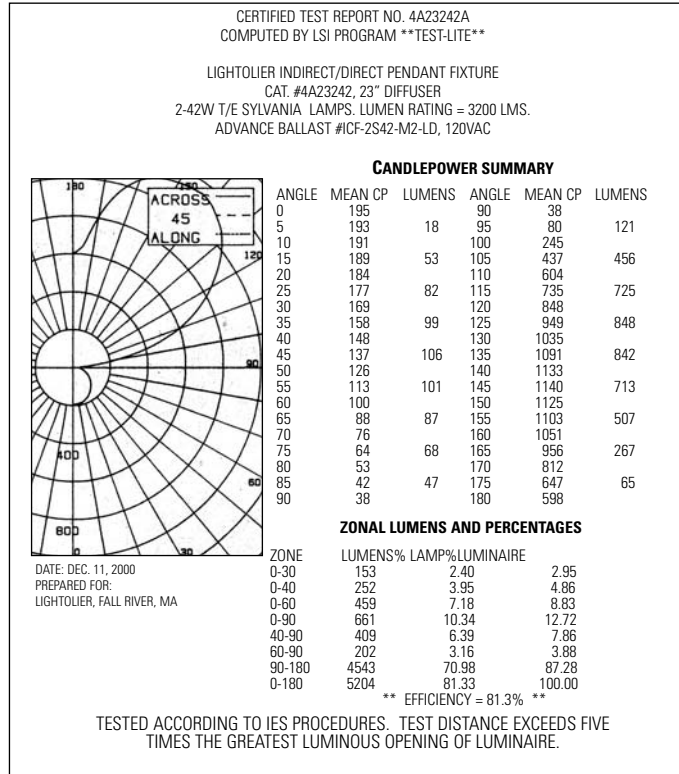
### Application Data

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) Maint.	22	29	40
Lum. Ratio	7/1	7/1	8/1
Watts/ Sq. Ft.	0.85	1.06	1.45

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

ROOM CAVITY RATIO	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 • B0605