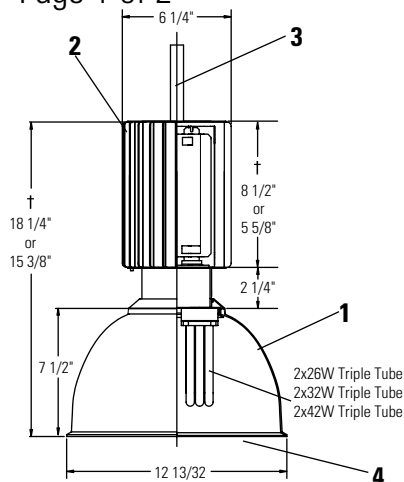
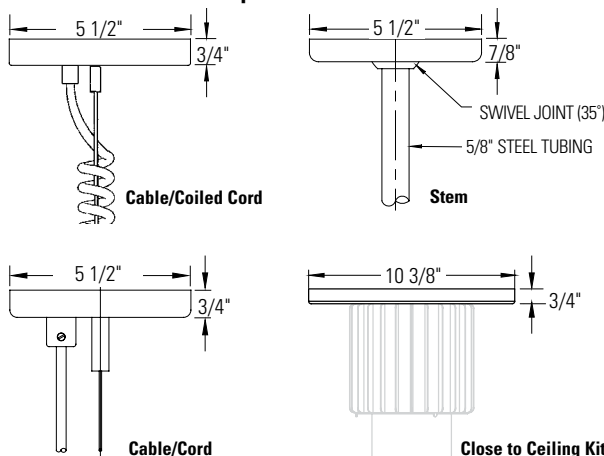




† Larger dimensions apply to Dimming Fixtures.

Suspension Details



U, U3 = Standard Ballast
 UE3, U3E3 = Standard Ballast (347V)
 U2MX1 = Mark X Dimming 26W, 120V*
 U2MX2 = Mark X Dimming 26W, 277V*
 U4MX1 = Mark X Dimming 32/42W, 120V*
 U4MX2 = Mark X Dimming 32/42W, 277V*

* 2-Wire, Neutral Connection required at Dimming Control

Complete fixture consists of Reflector, Power Head and Suspension. Select each separately.

Reflector/Refractor		Power Head				
Cat. No.		Cat. No.	Lamp	Watts	Volts	Options - suffix to be added to Cat.No. (i.e.404722XU3)
40421	Anodized Reflector Semi Specular	404722X	CFL Triple Tube	2x26/32/42	120/277	U3, U3E3, U2MX1,U2MX2, U4MX1, U4MX2
40422	Acrylic Refractor					

Reflector/Refractor Options			Suspension			Optional Extension Kits		
Cat. No.	Description	Use With	Cat No.	Color	Description	Cat No.	Color	Description
421G	Industrex® Glass Lens	40421	404SKG	Gray	Cable/Straight Cord 120" Length	404EXT300*	Gray	25' Ext. Cable Cord Kit
422A	Flat Acrylic Lens	40422	404S36	Gray	36" Length, 5/8" Stem			
404TRM12	12" Trim Ring	40422/40421	404S60	Gray	60" Length, 5/8" Stem			
412GRL	Cross Blade Louver Gray	40421	404S120	Gray	120" Length, 5/8" Stem			
412WHL	Cross Blade Louver White	40421	404GLS	Gray	Track Mounting Kit			
422G	Industrex Glass Lens	40422	4912CTCGR	Gray	Direct to Ceiling Kit for Standard 12" Pendalystes			

Features

- Reflector/Reflector:** Injection Molded Acrylic, UV Stabilized or Semi-specular High Purity Anodized Aluminum, 16 gauge iridescence-free.
- Power Head Housing:** Two-piece extruded aluminum. Removable door allows for ease of installation and servicing. Dark Gray textured powder coat finish.
- Suspension:** Cable/Cord: 1/16" Stainless Steel/SJT 18-3, Gray. Cable/Coiled Cord: 1/16" Stainless Steel/SJT 18-3, Gray. Gray Canopy. Stem: 5/8" Steel tubing and canopy, with 35 degree swivel hanger. Gray Finish.
- Shielding Options:** Clear Acrylic Lens, Industrex® Glass Lens or Louver.

Deco Kit Available (see spec sheet 412DK)

Lamping (by others)

Compact Fluorescent:

	General Electric	Osram/Sylvania	Philips
(2) 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P
(2) 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P
(2) 42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F42TBX/*A/4P	CF42DT/E/IN/*	PL-T42W/*4P

*Manufacturers' color temperature designation.

Electrical

Lampholders:

Compact Fluorescent: 4-Pin, 26/32 watt base: GX24q-3;
 42 watt base: GX24q-4

Electrical (continued)

Ballasts: Fluorescent: Electronic

	2x26 Watt		2x32 Watt		2x42 Watt	
Voltage	120	277	120	277	120	277
Total Input Watts	-55	-55	-68	-68	-93	-93
Max. Line Current (Amps)	.46	.21	.57	.25	.78	.33

Power Factor > 0.98, Ballast Factor 0.98, THD < 10%, Minimum Starting Temperature 0°F.

Labels

cULus listed suitable for damp locations.

Industrex® is a registered trademark of AFG Industries, Inc.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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LIGHTOLIER® Specification Decorative Pendalyte™ 404722XU3

Page 2 of 2

12" 2 Lamp Pendant

Application Data

Multiple Units (2x26W Triple Tube) with cross blade louver			
Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	75 68	1.50
8'	6' 12'	42 38	0.86
10'	6' 12'	27 24	0.55

Based on 60" x 60" room with 80% ceiling cavity, 50% wall and 20% floor reflectances. Height is from bottom of fixture to lighted plane.

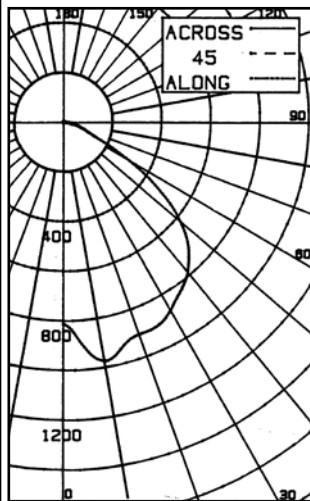
Illuminance (FC) Multipliers For Compact Fluorescent:

32 Watt = 1.3
42 Watt = 1.8

Spacing Ratio = 1.5

2x26W Triple Tube CFL

CERTIFIED TEST REPORT NO. 0807FR COMPUTED BY LSI PROGRAM **TEST-LITE**
LIGHTOLIER DUAL COMPACT FLUORESCENT PENDANT FIXTURE CAT. #4047233/404L12
12 1/2" DIA. CLEAR ANODIZED REFLECTOR WITH WHITE CROSS BLADE
2-26W PLT TRIPLE TUBE PHILIPS LAMPS. LUMEN RATING = 1800 LMS.
ESI BALLAST CAT.#ESI 2/1-CFQ-26UNV, 120 VAC



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LMS.
0	813	
5	898	86
10	976	
15	936	266
20	907	
25	905	416
30	874	
35	831	522
40	789	
45	722	552
50	620	
55	479	423
60	308	
65	156	177
70	95	
75	66	70
80	39	
85	15	20
90	1	

ZONAL LUMENS AND PERCENTAGE

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	767	21.31	30.30
0-40	1289	35.82	50.92
0-60	2265	62.91	89.44
0-90	2532	70.34	100.00
40-90	1242	34.52	49.08
60-90	267	7.43	10.56
90-180	0	.00	.00
0-180	2532	70.34	100.00

** EFFICIENCY = 70.3% **

Coefficients Of Utilization

2-26W Triple Tube CFL

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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	.75	.73	.71	.74	.72	.70	.71	.69	.68	.68	.67	.65	.66	.65	.64	.62
2	.68	.64	.61	.67	.63	.60	.64	.61	.59	.62	.60	.57	.60	.58	.56	.55
3	.61	.56	.52	.60	.55	.52	.58	.54	.51	.56	.53	.50	.54	.52	.49	.48
4	.55	.50	.46	.54	.49	.45	.52	.48	.45	.51	.47	.44	.49	.46	.44	.42
5	.50	.44	.40	.49	.43	.40	.47	.43	.39	.46	.42	.39	.45	.41	.38	.37
6	.44	.39	.35	.44	.38	.35	.43	.38	.34	.41	.37	.34	.40	.37	.34	.32
7	.40	.34	.30	.39	.34	.30	.38	.33	.30	.37	.33	.29	.36	.32	.29	.28
8	.36	.30	.26	.35	.30	.26	.35	.30	.26	.34	.29	.26	.33	.29	.26	.25
9	.33	.27	.23	.32	.27	.23	.31	.26	.23	.31	.26	.23	.30	.26	.23	.21
10	.29	.24	.20	.29	.24	.20	.28	.24	.20	.28	.23	.20	.27	.23	.20	.19

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

Application Data

Multiple Units (2x32W Triple Tube, CFL)			
Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	62 53	1.00
8'	6' 12'	35 30	0.56
10'	6' 12'	22 19	0.36

Based on 60" x 60" room with 80% ceiling cavity, 50% wall and 20% floor reflectances. Height is from bottom of fixture to lighted plane.

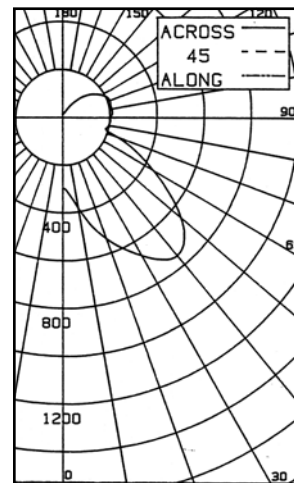
Illuminance (FC) Multipliers For Compact Fluorescent:

26 Watt = 0.7
42 Watt = 1.3

Spacing Ratio = 3.3

2x32W Triple Tube CFL

LIGHTOLIER DUAL COMPACT FLUORESCENT PENDANT FIXTURE CAT. #4047233/40422
12 1/2" DIA. REFRACTOR WITH PLASTIC LENS
2-32W PLT TRIPLE TUBE PHILIPS LAMPS. LUMEN RATING = 2400 LMS
MOTOROLA BALLAST CAT.M2CF26/32/42



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LMS.	ANGLE	MEAN CP	LMS.
0	297		95	210	226
5	324	32	100	209	
10	387		105	208	221
15	469	133	110	210	
20	541		115	204	201
25	605	280	120	189	
30	667		125	170	153
35	725	451	130	148	
40	752		135	122	95
45	726	553	140	95	
50	650		145	67	43
55	547	490	150	42	
60	440		155	26	14
65	343	342	160	19	
70	250		165	17	5
75	187	217	170	15	
80	196		175	12	2
85	201	218	180	11	
90	198				

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	443	9.25	12.10
0-40	894	18.63	24.39
0-60	1936	40.35	52.80
0-90	2712	56.51	73.96
40-90	1818	37.88	49.58
60-90	776	16.17	21.16
90-180	954	19.89	26.04
0-180	3667	76.41	100.00

** EFFICIENCY = 76.4% **

Coefficients Of Utilization

2x32W Triple Tube CFL

		% EFFECTIVE CEILING CAVITY REFLECTANCE															
		80			70			50			30			10			0
		50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ROOM CAVITY RATIO		% WALL REFLECTION															
	1	.73	.70	.67	.70	.67	.63	.63	.60	.58	.56	.55	.53	.51	.49	.48	.45
	2	.64	.58	.54	.60	.56	.51	.55	.51	.47	.49	.46	.43	.44	.42	.40	.37
	3	.55	.49	.44	.53	.47	.42	.48	.43	.39	.43	.39	.36	.39	.36	.33	.30
	4	.49	.42	.37	.47	.41	.36	.42	.37	.33	.38	.34	.31	.34	.31	.28	.26
	5	.43	.36	.31	.41	.35	.30	.37	.32	.28	.34	.29	.26	.30	.27	.24	.22
	6	.38	.31	.26	.36	.30	.25	.33	.27	.23	.30	.25	.22	.27	.23	.20	.18
	7	.33	.27	.22	.32	.26	.21	.29	.23	.20	.26	.21	.18	.23	.20	.17	.15
	8	.30	.23	.19	.28	.22	.18	.26	.20	.17	.23	.19	.15	.21	.17	.14	.12
	9	.27	.20	.16	.25	.19	.15	.23	.18	.14	.21	.16	.13	.19	.15	.12	.10
10	.24	.18	.13	.23	.17	.13	.21	.16	.12	.19	.14	.11	.17	.13	.10	.09	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
20% FLOOR CAVITY REFLECTANCE

Job Information

Type:

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