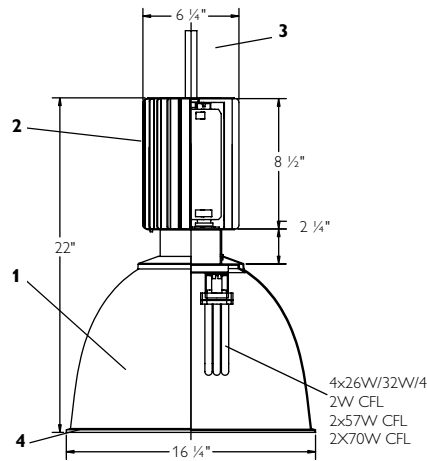


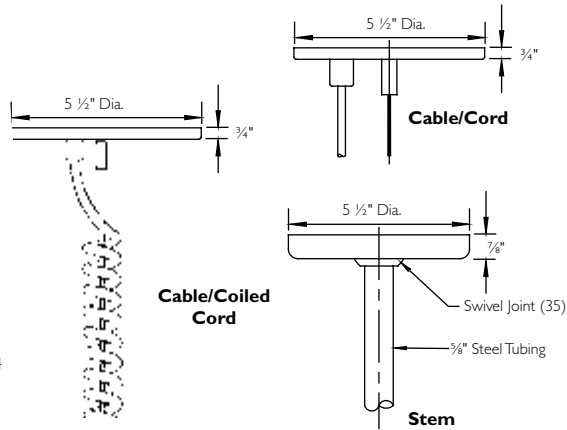
40734XU3

Decorative, Pendalyte 16" Multi-Lamp Pendant

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Suspension Details



Power Head: Dark Gray Finish

Cat. No.	Lamp	Watts	Volts	Options
40724X	CFL Triple Tube	2x26/32/42	120/277	U3, U3E3, U4MX1, U4MX2
40734X	CFL Triple Tube	4x26/32/42	120/277	
4073270	CFL Triple Tube	2x70	120/277	U, MX2

Complete Unit Consists of: Power Head, Reflector or Glass Shade & Suspension (order each separately)

Suspension

Catalog No.	Color	Description
404GLS**	Gray	Track Mounting Kit
404BLS**	Black	
404SKG	Gray	Cable/Cord & Cable/Coiled Cord, 120" Length
404SKB	Black	
404S36	Gray	36" Length 5/8" Stem
404S36B	Black	
404S60	Gray	60" Length 5/8" Stem
404S60B	Black	
404S120	Gray	120" Length 5/8" Stem

16" Power Head Options (add Suffix to Cat. No.)

U, U3	Standard Ballast
UE3, U3E3	Standard Ballast (347V)
U4MX1	Mark X Dimming 32/42W, 120V*
U4MX2	Mark X Dimming 32/42W, 277V*
MX1	Mark X Dimming 57 or 70W, 120V*
MX2	Mark X Dimming 57 or 70W, 120V*

* 2-wire, neutral connection required at dimming control.

** Required for 4 wire dimming or control.

Reflector/Refractor

Cat. No.	Description
40431	Semi Specular, Anodized Reflector
40432	Acrylic Refractor
404TRM16	16" Trim Ring

Reflector/Refractor Options

Cat. No.	Description	Used With
431G	Industrex® Glass Lens	40431
432G	Industrex® Glass Lens	40432
432A	Flat Acrylic Lens	40432

Optional Extension Kits

Catalog No.	Color	Description
404EXT300*	Gray	25' Ext. Cable/Cord Kit
404EXTB**	Black	25' Ext. Cable/Cord Kit

* Use with Standard Cord Suspension Kits.

Job Information Type:

Job Name:

Cat. No.:

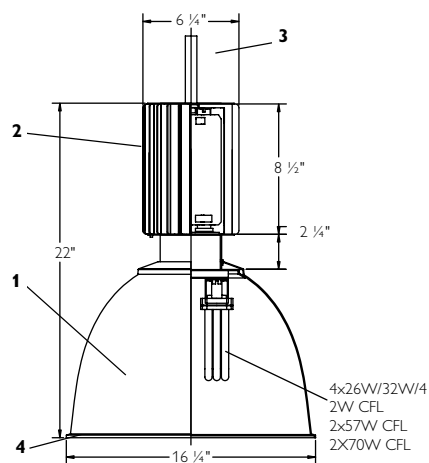
Notes:

PHILIPS
Day-Brite

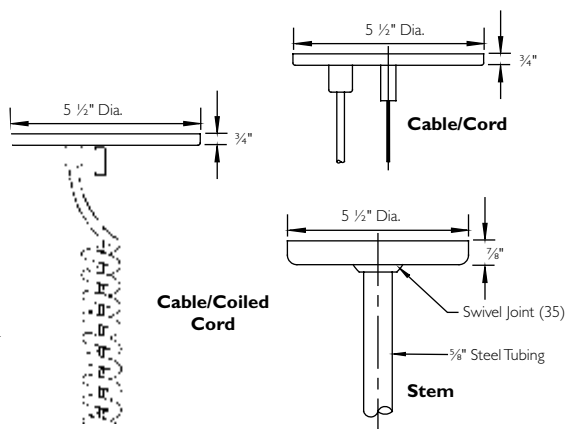
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Decorative, Pendalyte 16" Multi-Lamp Pendant

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Suspension Details



Features

- Reflector/Refractor:** Injection molded Acrylic, UV Stabilized or 16 gauge anodized aluminum, iridescent 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, Grey or Black.
Cable/Coiled Cord: 1/16" Stainless Steel/SJT 18-3, Grey or Black.
Stem: 3/4" steel tubing and canopy with 35° swivel hanger, Grey or Black Finish.
- Shielding Options:** Clear Flat Acrylic Lens, Cross Blade Louver, or Industrex® Glass Lens

Lamping (by others)

Compact Fluorescent:

General Electric	Osram/Sylvania	Philips
(4) 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P
(4) 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P
(4) 42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F42TBX/*A/4P	CF42DT/E/IN/*	PL-T42W/*4P
(2) 57W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F57QBX/*A/4P/EOL	CF57DT/E/IN/*	N/A
(2) 70W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F70QBX/*A/4P/EOL	CF70DT/E/IN/*	N/A

* Manufacturers' color temperature designation.

Electrical

Lampholders:

Compact Fluorescent: 4-Pin, 26/32 watt base: GX24q-3; 42 watt base: GX24q-4; 57 watt base: GX24q-5; 70 watt base: GX24q-6

Ballasts: Fluorescent: Electronic

	4 x 26		4 x 32		2 x 42		2 x 57		2 x 70	
Voltage	120	277	120	277	120	277	120	277	120	277
Total Input Watts	110	110	136	136	186	186	129	129	155	155
Max. Line Current (Amps)	.92	.42	1.14	.50	1.56	.66	1.10	.48	1.31	.57

Power Factor > 0.98, Ballast Factor 0.98, THD < 10%

Labels

cULus listed suitable for Damp Locations.

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

Job Information Type:

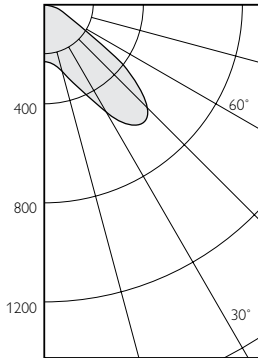
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Decorative, Pendalyte 16" Multi-Lamp Pendant

0907FR

16 1/4" Semi Specular Reflector with
White Cross Blade, Cat.# 40431LG
26W PLT Triple Tube, Lumen Rating = 1800 Lms.



Zonal Lumens and Percentages			
Zone	Lumens	% Lamp	%Luminaire
0-30	718	9.98	17.85
0-40	1624	22.56	40.35
0-60	3531	49.05	87.72
0-90	4026	55.92	100.00
40-90	2401	33.36	59.65
60-90	494	6.87	12.28
90-180	0	.00	.00
0-180	4026	55.92	100.00

** Efficiency = 55.9% **

Candlepower Summary

Angle	Mean CP	LMS.
0	565	
5	580	56
10	603	
15	660	193
20	803	
25	1005	470
30	1248	
35	1475	906
40	1571	
45	1489	1121
50	1240	
55	880	787
60	506	
65	290	320
70	202	
75	134	144
80	73	
85	21	31
90	0	

Tested According to IES Procedures. Test Distance
Exceeds Five Times the Greatest Luminous
Opening of Luminaire.

Multiple Units (4x26W Triple Tube, CFL) with Cross Blade Louver

Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	118 106	3.06
8'	6' 12'	66 60	1.72
10'	6' 12'	42 38	1.10

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:

4x32 Watt = 1.3
4x42 Watt = 1.8

Certified test report# 0907FR
Computed by LSI program
TEST-LITE SC = 2.5
Prepared For: Lightolier
Fall River, MA

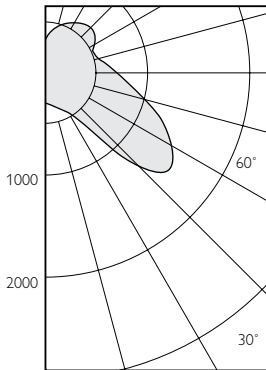
Coefficients of Utilization

Ceiling		80%			70%			50%			30%			10%			0%
Wall		50	30	10	50	30	10	50	30	10	50	30	10	50	30	0	
RCR																	
Zonal Cavity Method - Effective Floor Reflectance = 20%																	
Room Cavity Ratio	1	.59	.57	.55	.58	.56	.54	.56	.54	.53	.54	.52	.51	.52	.51	.50	.49
	2	.53	.49	.46	.52	.49	.46	.50	.47	.45	.48	.46	.44	.46	.45	.43	.42
	3	.46	.42	.39	.46	.42	.39	.44	.41	.38	.42	.40	.37	.41	.39	.37	.36
	4	.41	.37	.33	.41	.36	.33	.39	.35	.33	.38	.35	.32	.37	.34	.32	.30
	5	.37	.32	.28	.36	.31	.28	.35	.31	.28	.34	.30	.27	.33	.30	.27	.26
	6	.32	.27	.24	.31	.27	.23	.30	.26	.23	.29	.26	.23	.27	.25	.23	.22
	7	.28	.23	.20	.27	.23	.19	.27	.22	.19	.26	.22	.19	.25	.21	.19	.18
	8	.24	.20	.16	.24	.19	.16	.23	.19	.16	.23	.19	.16	.22	.18	.16	.15
	9	.22	.17	.13	.21	.17	.13	.21	.16	.13	.20	.16	.13	.19	.16	.13	.12
	10	.19	.14	.11	.19	.14	.11	.18	.14	.11	.17	.13	.11	.17	.13	.11	.10

Determined In Accordance With Current IES Published Procedures

0916FR

12 1/2" Dia. Reflector, with Plastic Lens Cat.# 4047233/40422
32W PLT Triple Tube, Lumen Rating = 2400 Lms.



Zonal Lumens and Percentages			
Zone	Lumens	% Lamp	%Luminaire
0-30	600	6.25	8.84
0-40	1378	14.35	20.29
0-60	3582	37.31	52.75
0-90	5198	54.15	76.54
40-90	3820	39.79	56.25
60-90	1616	16.83	23.80
90-180	1592	16.59	23.46
0-180	6791	70.74	100.00

** Efficiency = 97.8% **

Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
0	534		95	388	421
5	548	53	100	379	
10	583	105	105	363	384
15	626	179	110	344	
20	679	115	115	319	315
25	770	370	120	287	
30	974	125	125	249	223
35	1256	778	130	209	
40	1465	135	135	172	135
45	1511	1140	140	141	
50	1401	145	145	117	75
55	1198	1065	150	96	
60	949	155	155	70	33
65	705	710	160	45	
70	499	165	165	30	10
75	432	471	170	23	
80	415	175	175	19	2
85	399	437	180	19	
90	386				

Tested According to IES Procedures. Test Distance
Exceeds Five Times the Greatest Luminous
Opening of Luminaire.

Multiple Units (4x32W Triple Tube, CFL)

Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	64 55	1.00
8'	6' 12'	36 31	0.56
10'	6' 12'	23 20	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

Certified test report# 0916FR
Computed by LSI program
TEST-LITE SC = 2.8
Prepared For: Lightolier
Fall River, MA

Coefficients of Utilization

Ceiling		80%			70%			50%			30%			10%			0%
Wall		50	30	10	50	30	10	50	30	10	50	30	10	50	30	0	
RCR																	
Zonal Cavity Method - Effective Floor Reflectance = 20%																	
Room Cavity Ratio	1	.68	.64	.61	.65	.61	.58	.58	.56	.54	.53	.51	.49	.48	.46	.45	.42
	2	.58	.53	.49	.56	.51	.47	.50	.46	.43	.46	.42	.40	.41	.39	.36	.34
	3	.50	.44	.39	.48	.42	.38	.44	.39	.35	.39	.36	.32	.35	.32	.30	.28
	4	.44	.38	.33	.42	.36	.31	.38	.33	.29	.35	.30	.27	.31	.28	.25	.23
	5	.38	.32	.27	.37	.31	.26	.33	.28	.24	.30	.26	.22	.27	.24	.21	.19
	6	.34	.27	.22	.32	.26	.21	.29	.24	.20	.26	.22	.18	.24	.20	.17	.15
	7	.29	.23	.18	.28	.22	.17	.25	.20	.16	.23	.18	.15	.21	.17	.14	.12
	8	.26	.20	.15	.25	.19	.15	.22	.17	.14	.20	.16	.12	.18	.14	.11	.10
	9	.23	.17	.13	.22	.16	.12	.20	.15	.11	.18	.13	.10	.16	.12	.09	.08
	10	.20	.14	.11	.19	.14	.10	.18	.13	.09	.16	.11	.08	.14	.10	.08	.06

Determined In Accordance With Current IES Published Procedures



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40734XU3 May 11, 2015

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Job Information Type: