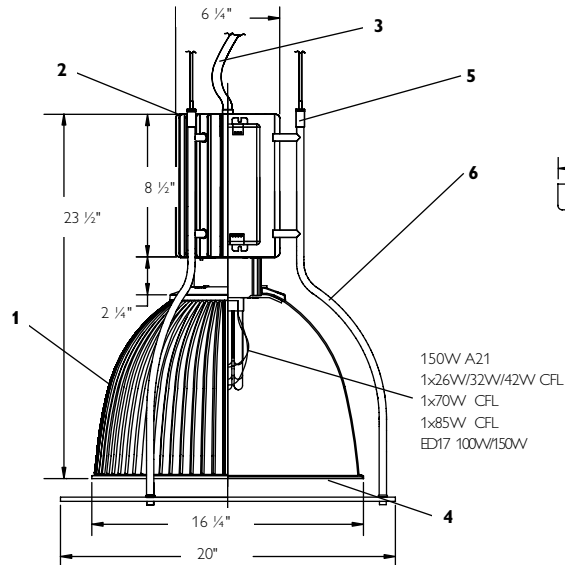


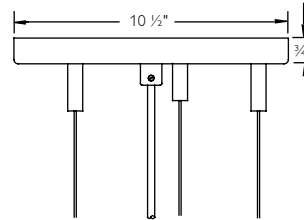
4073UDK

Decorative Pendalyte 16" Pendant

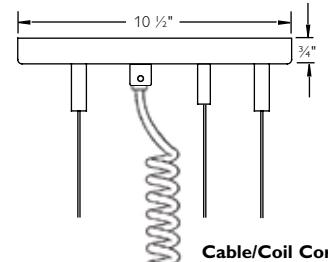
Page 1 of 3



Suspension Details



Cable/Cord



Cable/Coil Cord

Power Head: Powder Coated Textured Dark Gray

Cat. No.	Lamp	Watts	Volts	Options
406371	Incandescent A21	150	120	Not App.
4073U3	CFL Triple Tube	26/32/42	120-277V	MX1, MX2, DA, E3
407370U	CFL Triple Tube	70	120-277V	MX1, MX2, E3
407385U	CFL Triple Tube	85	120-277V	Not App.
4083100EU	Metal Halide ED17 (Open Rated)	100	120-277V	N/A
4083150EU	Metal Halide ED17 (Open Rated)	150	120-277V	N/A

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

Remove U or U3 from Cat. No. and add Suffix

Note: for CFL unit with integrated Emergency Battery Pack (EM) Option refer to Spec Sheet number P-EM for Cat. No. ordering guide and specification data

Deco Kits

Catalog No.	Color	Description
416DK	Gray	Deco Cable Assembly, Cable and Coil Cord
416DLS	Gray	Track Mounting Kit
416DK5	Gray	Dali 5 Wire Deco Cable Assembly

Deco Discs

Catalog No.	Description
416DG	Glass Deco Disk
416DA	Acrylic Deco Disk
416PM	Perforated Metal Deco Disk

Optional Extension Kits

Catalog No.	Color	Description
404EXT300*	Gray	25' Extension Cable/Cord Kit
404EXT300G5**	Gray	25' 5-wire Extension Cable/Cord Kit

* Use with Deco Suspension Kits.

** Use with Deco Suspension Kit (416DK5)

Reflector/Refractor

Cat. No.	Description
40431	Semi Specular, Anodized Reflector
40432	Acrylic Refractor

Reflector/Refractor Options

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

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

MX1	Mark X Dimming 26/32/42W, 120V only*
MX2	Mark X Dimming 26/32/42W, 277V only*
E3	347V (Canada)
DA	DALI (Digital Addressable lighting Interface)**

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

** 5-wire Suspension Kit required.

Job Information Type:

Job Name:

Cat. No.:

Notes:

PHILIPS

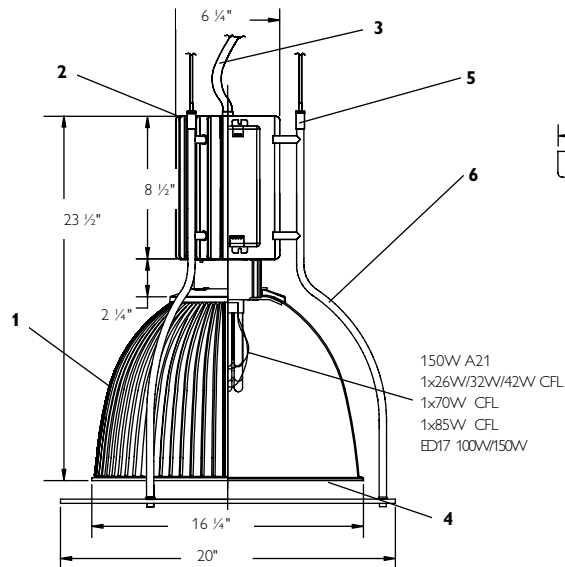
Day-Brite

PHILIPS

CFI

Decorative Pendalyte 16" Pendant

Page 2 of 3

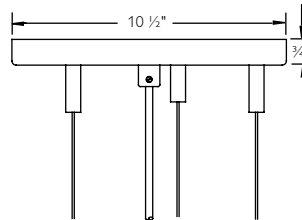
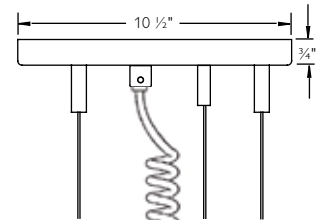
**Features**

- 1. Reflector/Refractor:** Injection molded acrylic, UV stabilized or 16 gauge anodized aluminum, iridescent free.
- 2. Power Head Housing:** Two-piece extruded aluminum. Removable door allows for ease of installation and servicing. Dark Gray textured powder coat finish.
- 3. 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 degree swivel hanger, Grey or Black Finish.
- 4. Aperture Disk:** Glass, Acrylic, or Perforated Metal. See specification sheet 416DK for more details.
- 5. Adjustment:** (3) fittings on cable allows for height and leveling adjustment after installation.
- 6. Support Arms:** (3) 3/8" dia. steel tubing, brushed and clear lacquered.

Lamping (by others)**Compact Fluorescent:**

General Electric	Osram/Sylvania	Philips
(1) 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P
(1) 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P
(1) 42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F42TBX/*A/4P	CF42DT/E/IN/*	PL-T42W/*4P
(1) 70W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F70QBX/*A/4P/EOL	CF70DT/E/IN/*	N/A
(1) 85W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
N/A	N/A	PL-H85W/*4P

* Manufacturers' color temperature designation.

Suspension Details**Cable/Cord****Cable/Coil Cord****Metal Halide:**

General Electric	Osram/Sylvania	Philips
(1) 100W Ceramic Metal Halide ED17 Lamp		
MXR100/C/U/MED/O	MCP100/C/U/MED/*	MCH100/C/UMP*
(1) 150W Ceramic Metal Halide ED17 Lamp		
MXR150/C/U/MED/O	MCP150/C/U/MED/*	MCH150/C/UMP*

* Manufacturers' color temperature designation.

Electrical**Lampholders:**

Compact Fluorescent: 4-Pin, 26/32 watt base: GX24q-3; 42 watt base: GX24q-4; 70 watt base: GX24q-6; 85 watt base: 2G8

Incandescent: Medium Base, Porcelain, Nickel Plated Screw Shell

Ballasts: Fluorescent: Electronic

	26 Watt		32 Watt		42 Watt	
Voltage	120	277	120	277	120	277
Total Input Watts	26	26	36	36	47	47
Max. Line Current (Amps)	.22	.09	.30	.09	.39	.17

	70 Watt		85Watt	
Voltage	120	277	120	277
Total Input Watts	73	72	98	98
Max. Line Current (Amps)	.61	.27	.82	.36
Power Factor > 0.98, Ballast Factor 0.98, THD < 10%				
Minimum Starting Temperature 0°F				

	100 Watt ANSI Code M-90		150 Watt ANSI Code M-102	
Voltage	120	277	120	277
Total Input Watts	110	110	167	167
Max. Line Current (Amps)	0.94	0.42	1.4	0.6
Minimum starting Temperature: +5°F				

Labels

cULus listed suitable for Damp Locations.

Job Information	Type:
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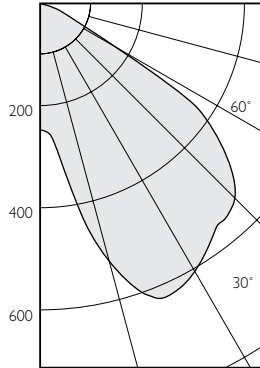
PHILIPS
Day-Brite

PHILIPS
CFI

Decorative Pendalyte 16" Pendant

0769FR

16 1/4" Dia. Semi Specular Reflector with 20" Dia. Etched Disk,
32W PLT Triple Tube, Lumen Rating = 2400 Lms



Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire
0-30	454	18.92	25.78
0-40	820	34.19	46.59
0-60	1585	66.05	90.01
0-90	1761	73.38	100.00
40-90	940	39.19	53.41
60-90	175	7.33	9.99
90-180	0	.00	.00
0-180	1761	73.38	100.00

** Efficiency = 73.4% **

Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
.0	248		45.0	545	415
2.5	250		47.5	525	
5.0	261	28	50.0	491	
7.5	292		52.5	456	
10.0	367		55.0	413	351
12.5	448		57.5	348	
15.0	514	142	60.0	246	
17.5	560		62.5	155	
20.0	601		65.0	99	125
22.5	624		67.5	74	
25.0	628	286	70.0	58	
27.5	622		72.5	46	
30.0	610		75.0	38	41
32.5	597		77.5	29	
35.0	583	367	80.0	21	
37.5	568		82.5	14	
40.0	559		85.0	8	11
42.5	555		87.5	3	
			90.0	0	

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

Application Data

Multiple Units (32W Triple Tube, CFL)

Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	53 47	1.00
8'	6' 12'	30 26	0.56
10'	6' 12'	19 17	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 Incandescent:	For Compact Fluorescent:
100 Watt = 0.7	26 Watt = 0.7
150 Watt = 1.2	42 Watt = 1.3

Certified test report# 0769FR

Computed by LSI program

TEST-LITE

SC = 2.4

Prepared For:

Lightolier
Fall River, MA

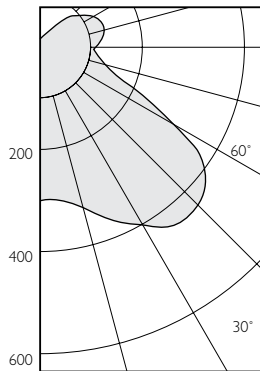
Coefficients of Utilization

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	.79	.76	.74	.77	.75	.72	.74	.72	.70	.71	.70	.68	.68	.67	.65
	2	.70	.66	.63	.69	.65	.62	.66	.63	.61	.64	.62	.59	.62	.60	.57
	3	.63	.58	.54	.62	.57	.53	.60	.56	.52	.58	.54	.51	.56	.53	.49
	4	.56	.51	.46	.55	.50	.46	.54	.49	.45	.52	.48	.45	.50	.47	.43
	5	.50	.44	.40	.49	.44	.40	.48	.43	.39	.47	.42	.39	.45	.41	.37
	6	.45	.38	.34	.44	.38	.34	.43	.38	.34	.41	.37	.33	.40	.36	.32
	7	.39	.33	.29	.39	.33	.29	.38	.32	.29	.37	.32	.28	.36	.31	.27
	8	.35	.29	.25	.35	.29	.25	.34	.28	.25	.33	.28	.24	.32	.28	.23
	9	.32	.25	.21	.31	.25	.21	.30	.25	.21	.29	.24	.21	.29	.24	.20
	10	.28	.22	.18	.28	.22	.18	.27	.22	.18	.26	.21	.18	.26	.21	.17

Determined In Accordance With Current IES Published Procedures

0770FR

16 1/4" Dia. Acrylic Reflector with 20" Dia. Etched Disk,
Cat.# 4073U3/40431/416DK/416DG
32W PLT Triple Tube, Lumen Rating = 2400 Lms



Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire
0-30	297	2.41	12.91
0-40	564	23.52	24.47
0-60	1241	51.71	53.80
0-90	1761	71.50	74.39
40-90	1151	47.98	49.91
60-90	474	19.79	20.59
90-180	590	24.62	25.61
0-180	2307	96.12	100.00

** Efficiency = 96.1% **

Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
0	300		95	118	127
5	304	30	100	126	
10	309		105	128	135
15	327	94	110	126	
20	354		115	123	122
25	382	176	120	116	
30	401		125	106	95
35	428	267	130	93	
40	442		135	78	61
45	441	339	140	63	
50	423		145	49	31
55	369	339	150	38	
60	308		155	31	15
65	21	222	160	27	
70	154		165	23	7
75	129	139	170	19	
80	111		175	15	2
85	103	115	180	14	
90	103				

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

Application Data

Multiple Units (32W Triple Tube, CFL)

Spacing on Center	Height to Lighted Plane	Initial Foot-candles	Watts Per Sq. Ft.
6'	6' 12'	62 54	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 Incandescent:	For Compact Fluorescent:
100 Watt = 0.7	26 Watt = 0.7
150 Watt = 1.2	42 Watt = 1.3

Certified test report# 0770FR

Computed by LSI program

TEST-LITE

SC = 2.0

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	.93	.89	.85	.88	.84	.81	.80	.77	.74	.72	.69	.67	.65	.63	.61
	2	.81	.74	.68	.77	.71	.66	.69	.65	.60	.63	.59	.55	.56	.53	.51
	3	.70	.62	.56	.67	.60	.54	.61	.55	.50	.55	.50	.46	.49	.46	.42
	4	.62	.54	.57	.59	.52	.45	.54	.47	.42	.48	.43	.39	.44	.39	.36
	5	.54	.46	.39	.52	.44	.38	.47	.41	.36	.43	.37	.33	.39	.34	.30
	6	.48	.39	.33	.46	.38	.32	.42	.35	.30	.38	.32	.28	.34	.29	.26
	7	.42	.34	.28	.40	.32	.27	.37	.30	.25	.33	.27	.23	.30	.25	.21
	8	.51	.38	.30	.36	.28	.23	.33	.26	.21	.30	.24	.20	.27	.22	.18
	9	.47	.34	.26	.32	.25	.20	.29	.23	.18	.27	.21	.17	.24	.19	.15
	10	.43	.32	.23	.29	.22	.17	.26	.20	.16	.24	.18	.14	.22	.17	.13

Determined In Accordance With Current IES Published Procedures



Philips Lightolier
e: lol.webmaster@philips.com
t: (508) 679-8131
w: www.lightolier.com

4073UDK May 28, 2014

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Job Information Type: