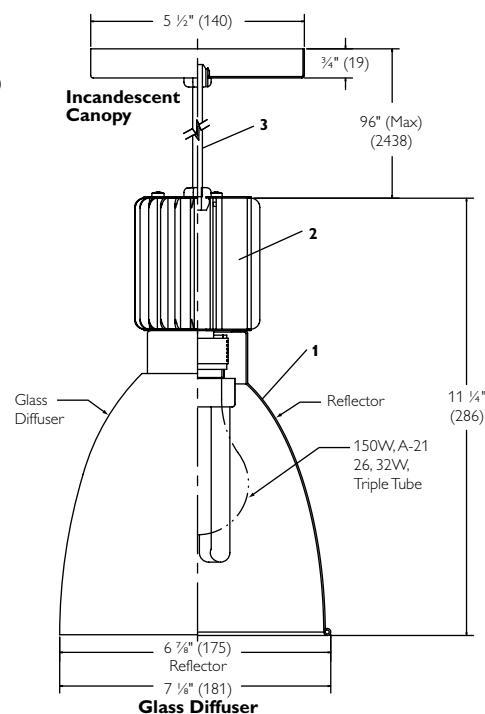
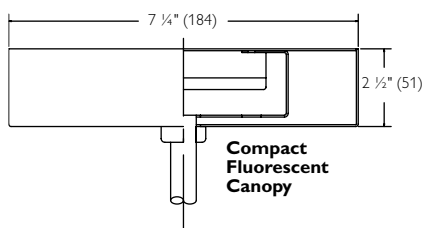


Decorative, Pendalyte 6.5", CFL/Incandescent

Project:	Catalog No:	Mfg:
Location:	Fixture Type:	Qty:
Notes:		Lamps:



() Denotes dimensions in mm

Power Head and Suspension (Titanium Finish)

Catalog No.	Lamp	Watts	Volts	Suspension
406U2	CFL Triple Tube	26/32	120/277	Straight Cord
406151	Incandescent A21	150	120	Straight Cord

*96" Max, cannot be extended.

Reflector/Glass

Catalog No.	Description
416SR	Satin Aluminum Reflector
416WH	White Glass
416BL	Cobalt Blue Glass
416AB	Amber Glass

Features

1. Reflector System:

Reflector: High purity, 16 gauge aluminum. Exterior satined and anodized. Interior low iridescent comfort clear anodized.

Glass Diffusers: Pressed colored glass with soft etched exterior and matte white interior fritt.

2. Power Head Housing: One-piece extruded aluminum.

3. Suspension: Power Cord, SJT/18-3 (incandescent), SJT/18-5 (Compact Fluorescent) black finish. Canopy, 20 gage, .036 CRS, titanium finish. Can be field shortened.

Lamping (by others)

Incandescent: 150W, A-21

Compact Fluorescent: Universal for 4-Pin, 26/32 watt, base: GX24q-3studs.

General Electric Osram/Sylvania Philips

(1) 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent

F26TBXJ*/A/4P	CF26DT/E/IN/*	PL-T26WJ*/4P
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(1) 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent

F32TBXJ*/A/4P	CF32DT/E/IN/*	PL-T32WJ*/4P
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* Manufacturers' color temperature designation.

Electrical (Lampholders)

Incandescent: Medium Based, Porcelain,

Nickel-Plated Screw Shell

Compact Fluor: 4-pin, 26/32 watt base (GX24Q-3)

Ballast: Fluorescent: Electronic

Voltage	26 Watt		32 Watt	
	120	277	120	277
Total Input Watts	28	28	36	36
Max. Line Current (Amps)	.25	.11	.30	.09
Ballast Factor	1.02	1.02	1.00	1.00

THD<10%, Minimum Starting Temperature: 0°F

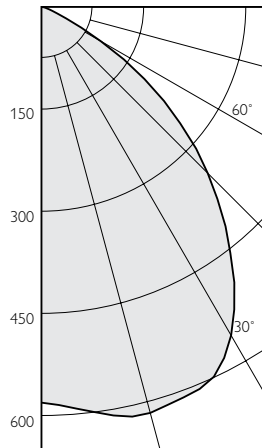
Power Factor >0.98

Labels

cU.L.us listed (Suitable for Damp Locations).

2597FR

Satin Aluminum Reflector, Cat.# 406U2/416SR
32W CFL, Lumen Rating = 2400 Lms.



Candlepower Summary

Angle	Mean CP	LMS.
0	576	
5	587	56
10	605	
15	612	172
20	605	
25	594	271
30	553	
35	489	306
40	416	
45	342	264
50	263	
55	181	162
60	98	
65	37	46
70	14	
75	6	7
80	1	
85	0	0
90	0	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
Room Cavity Ratio	0	.64	.64	.64	.64	.62	.62	.59	.59	.57	.57	.54	.54	.51	.51	.49
	1	.60	.58	.57	.56	.57	.55	.55	.53	.53	.51	.49	.49	.46	.44	
	2	.57	.54	.51	.49	.53	.48	.51	.47	.49	.46	.44	.44	.41	.37	
	3	.53	.49	.46	.43	.48	.43	.47	.42	.45	.41	.40	.36	.33	.32	
	4	.50	.45	.41	.39	.44	.38	.43	.38	.42	.37	.36	.32	.28	.25	
	5	.46	.41	.37	.34	.40	.34	.39	.34	.38	.33	.32	.28	.24	.21	
	6	.43	.37	.33	.31	.37	.30	.36	.30	.35	.30	.29	.25	.21	.18	
	7	.40	.34	.30	.27	.33	.27	.33	.27	.32	.27	.26	.22	.18	.15	
	8	.37	.31	.27	.24	.30	.24	.30	.24	.29	.24	.23	.19	.15	.12	
	9	.34	.28	.24	.21	.28	.21	.27	.21	.27	.21	.20	.16	.12	.09	
	10	.32	.26	.22	.19	.25	.19	.25	.19	.24	.19	.18	.14	.10	.07	

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 33.0

Zonal Lumens and Percentages

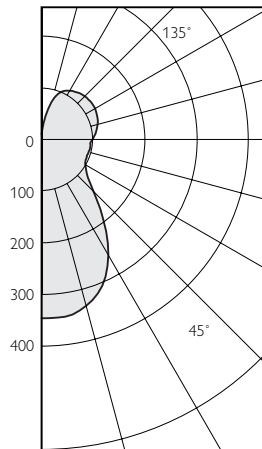
Zone	Lumens	% Lamp	%Luminaire
0-30	500	20.84	38.29
0-40	806	33.58	62.72
0-60	1231	51.32	95.84
0-90	1285	53.55	100.00
40-90	479	19.96	37.28
60-90	53	2.23	4.16
90-180	0	.00	.00
0-180	1285	53.55	100.00

** Efficiency = 53.5% **

Certified test report# 2597FR
Computed by LSI program
TEST-LITE
SC = 1.3
Prepared For:
Lightolier
Fall River, MA

2636FR

White Glass Reflector, Cat.# 406U2/416WH
32W CFL, Lumen Rating = 2400 LMS.



Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
0	349		90	100	
5	349	33	95	105	114
10	347		100	109	
15	336	95	105	113	119
20	320		110	116	
25	295	135	115	118	117
30	260		120	120	
35	219	138	125	120	107
40	178		130	119	
45	142	112	135	118	91
50	118		140	116	
55	106	96	145	112	70
60	98		150	108	
65	95	95	155	103	47
70	94		160	93	
75	95	101	165	74	20
80	96		170	46	
85	95	105	175	20	2
90	100		180	9	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
Room Cavity Ratio	0	.73	.73	.73	.73	.68	.68	.58	.58	.50	.50	.38	.38	.35	.35	.29
	1	.65	.62	.58	.56	.57	.52	.49	.45	.42	.42	.29	.29	.27	.24	.21
	2	.59	.54	.49	.45	.50	.46	.43	.37	.37	.32	.24	.24	.22	.19	.16
	3	.54	.47	.42	.38	.44	.36	.38	.32	.32	.27	.21	.21	.19	.16	.13
	4	.50	.42	.37	.33	.40	.31	.34	.27	.29	.24	.18	.18	.16	.13	.10
	5	.46	.38	.32	.28	.35	.27	.31	.24	.27	.21	.16	.16	.14	.11	.08
	6	.42	.34	.29	.25	.32	.23	.28	.21	.24	.19	.14	.14	.12	.09	.07
	7	.39	.31	.25	.22	.29	.21	.25	.19	.22	.16	.11	.11	.09	.07	.05
	8	.36	.28	.23	.19	.26	.18	.23	.17	.20	.15	.10	.10	.08	.06	.04
	9	.34	.26	.21	.17	.24	.16	.21	.15	.19	.13	.09	.09	.07	.05	.03
	10	.32	.24	.19	.15	.22	.15	.20	.13	.17	.12	.08	.08	.06	.04	.03

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 31.0

Zonal Lumens and Percentages

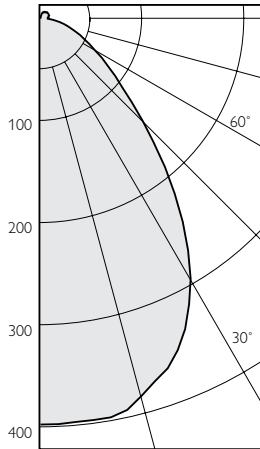
Zone	Lumens	% Lamp	%Luminaire
0-30	263	10.98	16.4
0-40	401	16.71	25.06
0-60	609	25.39	38.08
0-90	910	37.94	56.90
40-90	509	21.23	31.83
60-90	301	12.55	18.81
90-180	689	28.74	43.10
0-180	1600	66.68	100.00

** Efficiency = 66.7% **

Certified test report no. 2636FR
Computed by LSI program
TEST-LITE
SC(Along) = 1.1
Prepared For:
Lightolier
Fall River, MA

2635FR

Amber Glass Reflector, Cat.# 406U2/416AB
32W CFL, Lumen Rating = 2400 Lms.



Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean	LMS.
0	396		90	7	
5	395	38	95	7	8
10	395		100	8	
15	381	108	105	8	9
20	363		110	9	
25	334	153	115	9	9
30	293		120	9	
35	242	152	125	9	8
40	189		130	9	
45	141	111	135	9	7
50	104		140	8	
55	80	73	145	8	5
60	61		150	7	
65	47	48	155	7	3
70	36		160	6	
75	27	29	165	5	1
80	19		170	3	
85	12	14	175	1	0
90	7		180	0	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
0	.38	.38	.38	.38	.37	.37	.35	.35	.33	.33	.33	.33	.33	.33	.33	.33
1	.35	.34	.33	.32	.33	.31	.32	.30	.30	.29	.29	.29	.29	.29	.29	.27
2	.33	.31	.29	.28	.30	.27	.29	.26	.26	.26	.26	.26	.26	.26	.26	.24
3	.31	.28	.26	.24	.27	.24	.26	.23	.23	.23	.23	.23	.23	.23	.23	.21
4	.29	.26	.24	.22	.25	.22	.24	.21	.21	.21	.21	.21	.21	.21	.21	.19
5	.27	.24	.21	.19	.23	.19	.22	.19	.19	.19	.19	.19	.19	.19	.19	.18
6	.25	.22	.19	.18	.21	.17	.20	.17	.17	.17	.17	.17	.17	.17	.17	.16
7	.23	.20	.17	.16	.19	.16	.19	.15	.15	.15	.15	.15	.15	.15	.15	.14
8	.22	.18	.16	.14	.18	.14	.17	.14	.14	.14	.14	.14	.14	.14	.14	.13
9	.20	.17	.14	.13	.16	.13	.16	.13	.13	.13	.13	.13	.13	.13	.13	.12
10	.19	.15	.13	.12	.15	.12	.15	.11	.11	.11	.11	.11	.11	.11	.11	.11

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 31.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	298	12.44	38.54
0-40	450	18.76	58.14
0-60	634	26.44	81.94
0-90	724	30.19	93.56
40-90	274	11.43	35.42
60-90	90	3.75	11.63
90-180	494	2.08	6.44
0-180	774	32.27	100.00

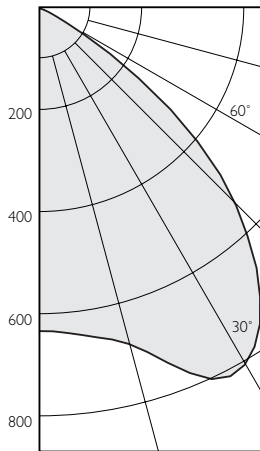
** Efficiency = 32.3% **

Certified test report# 2635FR
Computed by LSI program
TEST-LITE
SC = 1.1

Notes: Amber Glass and Cobalt Blue Glass have the same Photometrics. For 26W Lamp, multiply calculated Footcandle values by .75
Prepared For: Lightolier Fall River, MA

2594FR

Satin Aluminum Reflector, Cat.# 406151/416SR
150W A-20, Lumen Rating = 2780 LMS.



Candlepower Summary

Angle	Mean CP	LMS.
0	628	
5	634	61
10	650	
15	676	194
20	734	
25	796	362
30	801	
35	750	465
40	659	
45	543	416
50	403	
55	237	220
60	101	
65	39	49
70	19	
75	9	10
80	3	
85	0	1
90	0	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
0	.76	.76	.76	.76	.74	.74	.71	.71	.68	.68	.68	.68	.68	.68	.68	.64
1	.72	.70	.68	.66	.68	.65	.66	.63	.63	.63	.63	.63	.63	.63	.63	.58
2	.67	.64	.61	.58	.63	.57	.60	.56	.59	.55	.55	.55	.55	.55	.55	.53
3	.63	.58	.54	.51	.57	.51	.55	.50	.54	.49	.49	.49	.49	.49	.49	.47
4	.59	.53	.49	.45	.52	.45	.51	.44	.49	.44	.44	.44	.44	.44	.44	.42
5	.55	.48	.43	.40	.47	.40	.46	.39	.45	.39	.39	.39	.39	.39	.39	.38
6	.51	.44	.39	.35	.43	.35	.42	.35	.41	.35	.35	.35	.35	.35	.35	.33
7	.47	.39	.34	.31	.39	.31	.38	.31	.37	.31	.31	.31	.31	.31	.31	.29
8	.43	.35	.31	.27	.35	.27	.34	.27	.33	.27	.27	.27	.27	.27	.27	.26
9	.40	.32	.27	.24	.32	.24	.31	.24	.30	.24	.24	.24	.24	.24	.24	.22
10	.37	.29	.24	.21	.29	.21	.28	.21	.27	.21	.21	.21	.21	.21	.21	.20

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 150.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	616	22.18	34.70
0-40	1081	38.89	60.85
0-60	1716	61.75	96.61
0-90	1776	63.92	100.00
40-90	695	25.02	39.15
60-90	60	2.17	3.39
90-180	0	.00	.00
0-180	1776	63.92	100.00

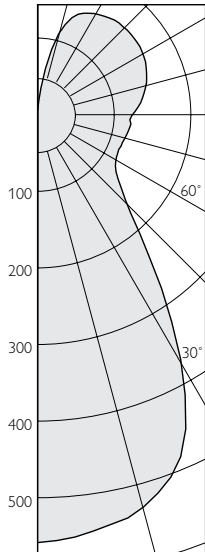
** Efficiency = 63.9% **

Certified test report no. 2594FR
Computed by LSI program
TEST-LITE
SC(Along) = 1.5

Prepared For: Lightolier Fall River, MA

2640FR

White Glass Reflector, Cat.# 406151/416WH
150W A-21, Lumen Rating = 2780 Lms.



Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean	LMS.
0	555		90	125	
5	550	52	95	133	144
10	540		100	139	
15	527	148	105	145	153
20	501		110	149	
25	451	205	115	153	151
30	368		120	155	
35	278	177	125	156	140
40	204		130	156	
45	159	127	135	155	120
50	135		140	154	
55	122	111	145	150	94
60	117		150	146	
65	115	115	155	140	64
70	116		160	129	
75	118	125	165	104	28
80	120		170	56	
85	119	132	175	14	2
90	125		180	2	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
0	.82	.82	.82	.82	.76	.76	.66	.66	.56	.56	.43					
1	.74	.70	.66	.63	.65	.59	.56	.52	.47	.44	.34					
2	.67	.61	.56	.52	.57	.49	.49	.43	.42	.37	.28					
3	.61	.54	.48	.44	.50	.41	.44	.37	.38	.32	.25					
4	.57	.49	.43	.38	.46	.36	.40	.32	.34	.28	.22					
5	.53	.44	.38	.33	.41	.32	.36	.28	.31	.25	.20					
6	.49	.40	.34	.29	.37	.28	.33	.25	.29	.23	.18					
7	.45	.36	.30	.26	.34	.25	.30	.23	.26	.20	.16					
8	.42	.33	.27	.23	.31	.22	.28	.20	.24	.18	.15					
9	.39	.30	.25	.21	.29	.20	.25	.18	.22	.17	.13					
10	.37	.28	.23	.19	.26	.18	.24	.17	.21	.15	.12					

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 150.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	405	14.59	19.42
0-40	582	20.96	27.90
0-60	821	29.53	39.31
0-90	1192	42.89	57.09
40-90	609	21.93	29.18
60-90	371	13.36	17.78
90-180	896	32.24	42.91
0-180	2088	75.13	100.00

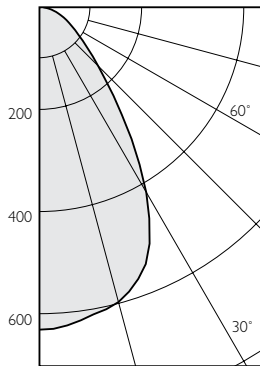
Certified test report# 2640FR
Computed by LSI program
TEST-LITE
SC = 1.0

Notes: Amber Glass and Cobalt Blue Glass have the same Photometrics.
For 26W Lamp, multiply calculated Footcandle values by .75
Prepared For:
Lightolier
Fall River, MA

** Efficiency = 75.1% **

2639FR

Amber Glass Reflector, Cat.# 406151/416AB
150W A-21, Lumen Rating = 2780 LMS.



Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean	LMS.
0	638		90	9	
5	632	60	95	10	10
10	617		100	10	
15	604	170	105	11	12
20	572		110	11	
25	516	235	115	12	12
30	423		120	12	
35	318	202	125	12	11
40	228		130	12	
45	165	132	135	12	9
50	123		140	11	
55	94	87	145	11	7
60	74		150	10	
65	59	59	155	10	4
70	45		160	9	
75	34	36	165	7	2
80	24		170	3	
85	15	17	175	0	0
90	9		180	0	

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

Coefficients of Utilization

Ceiling	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%															
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%															
0	.45	.45	.45	.45	.44	.44	.41	.41	.39	.39	.36					
1	.42	.41	.40	.38	.40	.38	.38	.36	.36	.34	.32					
2	.39	.37	.35	.34	.36	.33	.35	.32	.33	.31	.29					
3	.37	.34	.32	.30	.33	.29	.32	.29	.31	.28	.26					
4	.35	.31	.29	.27	.31	.26	.29	.26	.28	.25	.24					
5	.33	.29	.26	.24	.28	.24	.27	.23	.26	.23	.22					
6	.31	.27	.24	.22	.26	.22	.25	.21	.24	.21	.20					
7	.29	.24	.22	.20	.24	.20	.23	.19	.23	.19	.18					
8	.27	.23	.20	.18	.22	.18	.22	.18	.21	.18	.17					
9	.25	.21	.18	.17	.21	.17	.20	.16	.20	.16	.15					
10	.24	.20	.17	.15	.19	.15	.19	.15	.18	.15	.14					

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 150.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	464	16.71	43.65
0-40	666	23.97	62.63
0-60	885	31.84	83.18
0-90	997	35.88	93.74
40-90	331	11.91	31.11
60-90	112	4.04	10.57
90-180	66	2.39	6.26
0-180	1064	38.27	100.00

Certified test report no. 2639FR
Computed by LSI program
TEST-LITE
SC(Along) = 1.0

Notes: Amber Glass and Cobalt Blue Glass have the same Photometrics.
Prepared For:
Lightolier
Fall River, MA

** Efficiency = 38.3% **



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