

SCV6PL

6" ARCHITECTURAL CFL VERTICAL CYLINDER DOWNLIGHT

NEW



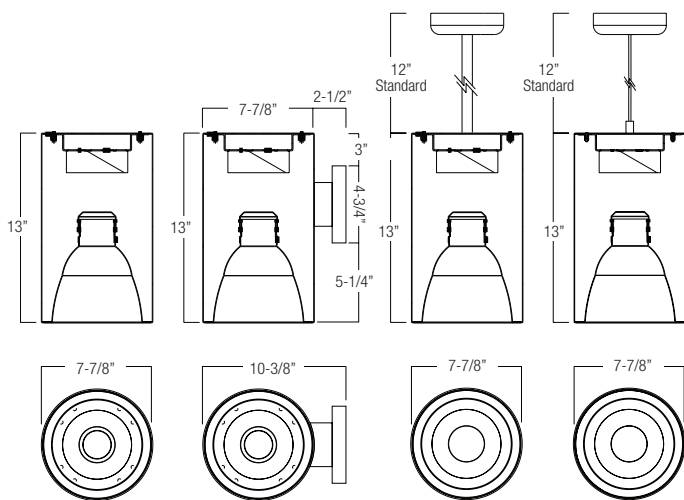
SCV6PL-CM

SCV6PL-WM

SCV6PL-PM

SCV6PL-SM

TRIM: 6101 REFLECTOR



DESCRIPTION

LAMP HOLDER - Die-cast aluminum lamp holder effectively provides heat dissipation and ventilation. Unitized optics guarantees proper trim to housing installation. Tool-less installation adjustability from either outside the housing or inside the housing.

MOUNTING BRACKET - Ceiling mount bracket provided for direct installation with 3-1/4" to 4" octagonal and square junction box. Pendant mount option is available and supplied with 10-1/2" stem and 5" diameter canopy cover. Ideal for slope applications up to 45 degrees.

RETAINING SPRINGS - Precision tooled springs secure trim to mounting frame, for effortless and tool-less installation.

BALLAST - Ballast is accessible from below, no tools required. Ballast supplied is manufactured by Advance.

MOUNTING FRAME - Die formed steel housing with adjustable bracket allows optical adjustment of lamp. Unitized optics guarantees proper trim to housing tool-less installation.

OPTICS

REFLECTOR - Self-flanged .050" aluminum reflector with low iridescent finish. Reflector provides 45-degree lamp-to-reflector image cutoff.

GROOVE BAFFLE - Self-flanged one-piece aluminum with concentric rings.

LENS - Choice of either tempered clear, tempered prismatic or tempered frosted lens fastened with two torsion springs for easy re-lamping.

LISTING

UL listed for through-branch circuit wiring



SCV6PL - ITEM SELECTOR: (Please check the boxes below for the option desired)

MOUNTING	BODY COLOR	WATTAGE	BALLAST	VOLTAGE	TRIM TYPE & DESCRIPTION	REFLECTOR	BAFFLE
☐ CM - Ceiling Mount ☐ WM - Wall Mount ☐ PM12 - 12" Pendant Mount ☐ PM18 - 18" Pendant Mount ☐ PM24 - 24" Pendant Mount ☐ PM36 - 36" Pendant Mount ☐ PM48 - 48" Pendant Mount ☐ SM - 10" Suspended Mount *For other sizes consult factory.	☐ WH - White ☐ BK - Black ☐ BZ - Bronze ☐ SI - Silver Custom color available, please consult factory. Must provide RAL#	☐ 1X13 ☐ 1X18 ☐ 1X26 ☐ 1X32 ☐ 1X42	☐ (E) Electronic ☐ (S) Energy Star ¹ DIMMING ☐ Mark 7 ² ☐ Mark 10 ³ ☐ Lut-E (EC3D) ⁴	☐ MVOLT (120/277) ☐ 120 ☐ 277 EMERGENCY OPTION ☐ EMG 750(750 lm) ⁷ OTHER OPTIONS ☐ FUSE ⁵ ☐ RIF ⁶	☐ 6101 Reflector ☐ 6102 Baffle/Reflector ☐ 6103 Ref./Fres. Gls. Lns. ☐ 6104 Ref./Pris. Gls. Lns. ☐ 6105 Baf./Fres. Gls. Lns. ☐ 6106 Baf./Pris. Gls. Lns. ☐ 6107 Wall Wash Ref. ☐ 6108 Crossblade Ref. ☐ 6112 Baf./Frost Gls. Lns. ☐ 6113 Baf./Tem. Clr. Gls. ☐ 6114 Ref./Frost Gls. Lns. ☐ 6115 Ref./Tem. Clr. Gls. ☐ 6116 Ref./Pris. Plas. Lns. ☐ 6117 Baf./Pris. Plas. Lns. ☐ 6118 Ref./Tem. Clr. Plas. ☐ 6119 Baf./Tem. Clr. Plas.	☐ CL-WH ☐ CL-SCH ☐ SHZ-SHZ ☐ SHZ-WH ☐ WT-WH ☐ W-WH ☐ MB-WH	☐ W-CL-WH ☐ P-CL-WH ☐ W-WH ☐ P-WH

¹ - (S) Energy Star = Available on selected fixtures only, please see list above • ² - MARK 7 = Must specify voltage • ³ - MARK 10 = Not available on 13W, 57W, 70W, must specify voltage • ⁴ - LUT-E (EC3D) = Not available on 13W, 57W, 70W, must specify voltage • ⁵ - FUSE = Single slow-blow fuse • ⁶ - RIF = Radio interference filter • ⁷ - EMG = Emergency battery pack w/ remote test switch

The cylinder's bodies are available in WH - White, BK - Black, BZ - Bronze and SI - Silver.

Specifications:

SCV6PL

MOUNTING BODY COLOR WATTAGE BALLAST VOLTAGE OPTIONS TRIM TYPE REFLECTOR BAFFLE

Sample of Catalog Number: SCV6PL-CM-WH-1X26-E-MVOLT-6101-CL-WH

REFLECTOR	BAFFLE	RING
CL Clear	WH White	WH Self-Flange White
SHZ Satin Haze (Low Iridescent)	P Black	SCH Self-Flange Chrome
WT Wheat		SHZ Satin Haze
MB Black		
W White		

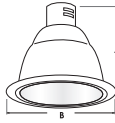
*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.

6101 - Reflector



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-SHZ
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



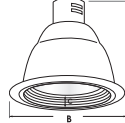
A= 7-1/8"
B= 7-3/8"

6102 - Baffle with Reflector



TRIM FINISH:

- W-CL-WH
- P-CL-WH



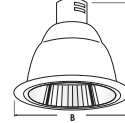
A= 7-1/8"
B= 7-3/8"
C= 1"

6107 - Wall Wash Reflector



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-SHZ
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



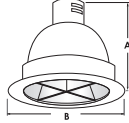
A= 7-1/8"
B= 7-3/8"

6108 - Crossblade Reflector



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-SHZ
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



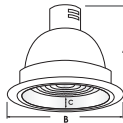
A= 7-1/2"
B= 7-3/8"

6103 - Reflector with Fresnel Glass Lens



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



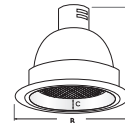
A= 7-1/2"
B= 7-3/8"
C= 1"

6104 - Reflector with Prismatic Glass Lens



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



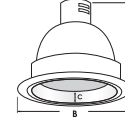
A= 7-1/2"
B= 7-3/8"
C= 1"

6114 - Reflector with Frosted Glass Lens



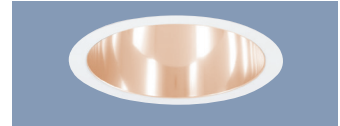
TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



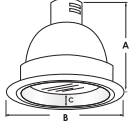
A= 7-1/2"
B= 7-3/8"
C= 1"

6115 - Reflector with Tempered Clear Glass



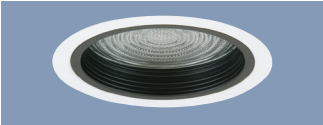
TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



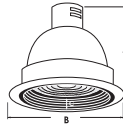
A= 7-1/2"
B= 7-3/8"
C= 1"

6105 - Baffle with Fresnel Glass Lens



TRIM FINISH:

- W-WH
- P-WH



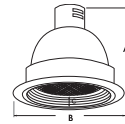
A= 7-1/2"
B= 7-3/8"
C= 1"

6106 - Baffle with Prismatic Glass Lens



TRIM FINISH:

- W-WH
- P-WH



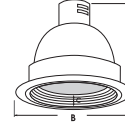
A= 7-1/2"
B= 7-3/8"
C= 1"

6112 - Baffle with Frosted Glass Lens



TRIM FINISH:

- W-WH
- P-WH



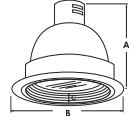
A= 7-1/2"
B= 7-3/8"
C= 1"

6113 - Baffle with Tempered Clear Glass



TRIM FINISH:

- W-WH
- P-WH



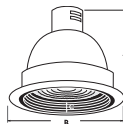
A= 7-1/2"
B= 7-3/8"
C= 1"

6116 - Reflector with Prismatic Plastic Lens



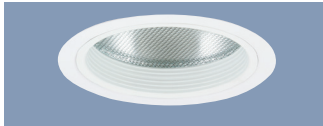
TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-SHZ
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



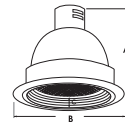
A= 7-1/2"
B= 7-3/8"
C= 1"

6117 - Baffle with Prismatic Plastic Lens



TRIM FINISH:

- W-WH
- P-WH



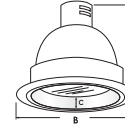
A= 7-1/2"
B= 7-3/8"
C= 1"

6118 - Reflector with Tempered Clear Plastic



TRIM FINISH:

- CL-WH
- CL-SCH
- SHZ-SHZ
- SHZ-WH
- WT-WH
- W-WH
- MB-WH



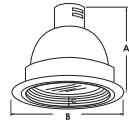
A= 7-1/2"
B= 7-3/8"
C= 1"

6119 - Baffle with Tempered Clear Plastic



TRIM FINISH:

- W-WH
- P-WH



A= 7-1/2"
B= 7-3/8"
C= 1"

SCV6PL PHOTOMETRIC DATA

6" ARCHITECTURAL CFL VERTICAL CYLINDER DOWNLIGHT

SCV6PL-1X13-E-6101CL

TEST NO.: LLI 0509-15G-P13

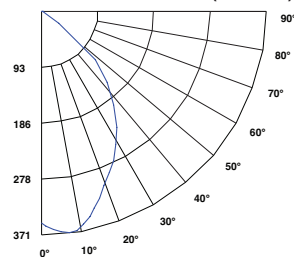
LAMP: GE F13TBX/841/A/E/ECO

LAMP LUMENS: 900

EFFICIENCY: 60.6%

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)



Beam Angle: 110°		
4'	22.0	11.3'
6'	9.8	17.0'
8'	5.5	22.6'
10'	3.5	28.3'
12'	2.4	34.0'
Distance to Plane	Initial Nadir Footcandles	Beam Spread

BEAM DIA. MEASURED AT 10% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	243.04	27	44.6
0-40°	358.09	39.8	65.7
0-60°	524.6	58.3	96.2
0-90°	545.04	60.6	100
90-120°	0	0	0
90-130°	0	0	0
90-150°	0	0	0
90-180°	0	0	0
0-180°	545.04	60.6	100

Total Luminaire Efficiency = 60.6%

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	10423	10423	10423
55°	3212	3212	3212
65°	249	249	249
75°	203	203	203
85°	604	604	604

Zonal Lumen Summary

Zone	Lumens
0-10	28.42
10-20	95.37
20-30	119.25
30-40	115.06
40-50	117.15
50-60	49.35
60-70	17.55
70-80	1.54
80-90	1.35

Candela Tabulation

0	0
0	352
1	356
3	362
5	367
7	371
9	369
11	360
13	350
15	338
17	324
19.5	306
22.5	290
25.5	274
29	254
33	229
37.5	196
42.5	161
47.5	119
55	35
65	2
75	1
85	1
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

ROOM CAVITY RATIO	RC RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	72	72	72	72	70	70	70	70	67	67	67	64	64	64	62	62	62	61							
1	68	66	64	62	66	64	63	61	62	61	59	60	59	57	57	57	56	55							
2	63	60	56	54	62	58	56	53	56	54	52	55	53	51	53	51	50	49							
3	59	54	50	47	58	53	50	47	51	48	46	50	47	45	48	46	45	43							
4	55	49	45	42	54	48	44	41	47	44	41	46	43	40	44	42	40	39							
5	51	45	40	37	50	44	40	37	43	39	37	42	39	36	41	38	36	35							
6	48	41	37	33	47	41	36	33	40	36	33	39	35	33	38	35	32	31							
7	45	38	33	30	44	37	33	30	36	33	30	36	32	30	35	32	29	28							
8	42	35	30	27	41	34	30	27	34	30	27	33	30	27	32	29	27	26							
9	39	32	28	25	39	32	28	25	31	28	25	31	27	25	30	27	25	24							
10	37	30	26	23	36	30	26	23	29	25	23	29	25	23	28	25	23	22							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCV6PL-1X18-E-6101CL

TEST NO.: LLI 0509-15G-P18

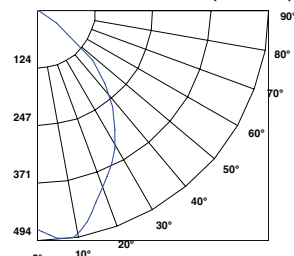
LAMP: GE F18TBX/841/A/E/ECO

LAMP LUMENS: 1200

EFFICIENCY: 60.7%

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)



Beam Angle: 110°		
4'	29.4	11.3'
6'	13.1	17.0'
8'	7.3	22.7'
10'	4.7	28.3'
12'	3.3	34.0'
Distance to Plane	Initial Nadir Footcandles	Beam Spread

BEAM DIA. MEASURED AT 10% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	324.05	27	44.5
0-40°	477.51	39.8	65.6
0-60°	699.67	58.3	96.1
0-90°	727.84	60.7	100
90-120°	0	0	0
90-130°	0	0	0
90-150°	0	0	0
90-180°	0	0	0
0-180°	727.84	60.7	100

Total Luminaire Efficiency = 60.7%

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	13884	13884	13884
55°	4314	4314	4314
65°	374	374	374
75°	407	407	407
85°	604	604	604

Zonal Lumen Summary

Zone	Lumens
0-10	37.87
10-20	127.1
20-30	159.08
30-40	153.45
40-50	156.14
50-60	66.02
60-70	23.71
70-80	2.57
80-90	1.89

Candela Tabulation

0	0
0	470
1	474
3	482
5	490
7	494
9	492
11	481
13	466
15	450
17	431
19.5	409
22.5	387
25.5	365
29	339
33	305
37.5	262
42.5	214
47.5	159
55	47
65	3
75	2
85	1
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

ROOM CAVITY RATIO	RC RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	72	72	72	72	71	71	71	71	67	67	67	65	65	65	62	62	62	61							
1	68	66	64	62	66	64	63	61	62	61	59	60	59	58	58	57	56	55							
2	63	60	57	54	62	59	56	53	57	54	52	55	53	51	53	51	50	49							
3	59	54	50	47	58	53	50	47	52	48	46	50	47	45	49	46	45	43							
4	55	49	45	42	54	48	44	41	47	44	41	46	43	40	45	42	40	39							
5	51	45	40	37	50	44	40	37	43	39	37	42	39	36	41	38	36	35							
6	48	41	37	33	47	41	36	33	40	36	33	39	35	33	38	35	32	31							
7	45	38	33	30	44	37	33	30	36	33	30	36	32	30	35	32	29	28							
8	42	35	30	27	41	35	30	27	34	30	27	33	30	27	32	29	27	26							
9	39	32	28	25	39	32	28	25	31	28	25	31	27	25	30	27	25	24							
10	37	30	26	23	36	30	26	23	29	25	23	29	25	23	28	25	23	22							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCV6PL-1X26-E-6101CL

LAMP: GE F26TBX/841/A/EEO

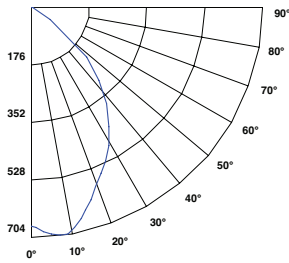
LAMP LUMENS: 1710

EFFICIENCY: 60.6%

TEST NO.: LLI 0509-15G-P26

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)



Beam Angle: 110°		
4'	41.8	11.3'
6'	18.6	17.0'
8'	10.5	22.7'
10'	6.7	28.3'
12'	4.7	34.0'
Distance to Plane	Initial Nadir Footcandles	Beam Spread

BEAM DIA. MEASURED AT 10% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	461.83	27	44.6
0-40°	680.54	39.8	65.7
0-60°	996.79	58.3	96.2
0-90°	1036.25	60.6	100
90-120°	0	0	0
90-130°	0	0	0
90-150°	0	0	0
90-180°	0	0	0
0-180°	1036.25	60.6	100

Total Luminaire Efficiency = 60.6%

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	19766	19766	19766
55°	6149	6149	6149
65°	498	498	498
75°	407	407	407
85°	1208	1208	1208

Zonal Lumen Summary

Zone	Lumens
0-10	53.96
10-20	181.16
20-30	226.7
30-40	218.71
40-50	222.35
50-60	93.9
60-70	33.67
70-80	3.09
80-90	2.7

Candela Tabulation

0	0
0	669
1	675
3	687
5	698
7	704
9	701
11	685
13	665
15	641
17	615
19.5	582
22.5	551
25.5	521
29	483
33	435
37.5	373
42.5	305
47.5	226
55	67
65	4
75	2
85	2
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	70%	80%	70%	50%	50%	30%	30%	10%	50%	30%	10%	50%	10%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	72	72	72	72	70	70	70	70	67	67	67	64	64	62	62	61
1	68	66	64	62	66	64	63	61	62	61	59	60	59	58	57	55
2	63	60	57	54	62	59	56	53	56	54	52	55	53	51	50	49
3	59	54	50	47	58	53	50	47	51	48	46	50	47	45	44	43
4	55	49	45	42	54	48	44	41	47	44	41	46	43	40	42	40
5	51	45	40	37	50	44	40	37	43	39	37	42	39	36	41	38
6	48	41	37	33	47	41	36	33	40	36	33	39	35	33	38	35
7	45	38	33	30	44	37	33	30	36	33	30	36	32	30	35	32
8	42	35	30	27	41	35	30	27	34	30	27	33	30	27	32	29
9	39	32	28	25	39	32	28	25	31	28	25	31	27	25	30	27
10	37	30	26	23	36	30	26	23	29	25	23	29	25	23	28	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCV6PL-1X32-E-6101CL

LAMP: GE F32TBX/841/A/EEO

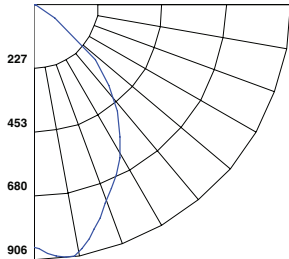
LAMP LUMENS: 2200

EFFICIENCY: 60.6%

TEST NO.: LLI 0509-15G

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)



Beam Angle: 110°		
4'	53.8	11.3'
6'	23.9	17.0'
8'	13.5	22.7'
10'	8.6	28.3'
12'	6	34.0'
Distance to Plane	Initial Nadir Footcandles	Beam Spread

BEAM DIA. MEASURED AT 10% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	594.18	27	44.6
0-40°	875.74	39.8	65.7
0-60°	1282.91	58.3	96.2
0-90°	1333.43	60.6	100
90-120°	0	0	0
90-130°	0	0	0
90-150°	0	0	0
90-180°	0	0	0
0-180°	1333.43	60.6	100

Total Luminaire Efficiency = 60.6%

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	25461	25461	25461
55°	7893	7893	7893
65°	623	623	623
75°	610	610	610
85°	1208	1208	1208

Zonal Lumen Summary

Zone	Lumens
0-10	69.44
10-20	233.05
20-30	291.7
30-40	281.56
40-50	286.35
50-60	120.82
60-70	43.16
70-80	4.12
80-90	3.24

Candela Tabulation

0	0
0	861
1	869
3	884
5	898
7	906
9	902
11	881
13	855
15	825
17	791
19.5	749
22.5	709
25.5	670
29	622
33	560
37.5	480
42.5	393
47.5	291
55	86
65	5
75	3
85	2
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	70%	80%	70%	50%	50%	30%	30%	10%	50%	30%	10%	50%	10%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	72	72	72	72	70	70	70	70	67	67	67	64	64	62	62	61
1	68	66	64	62	66	64	63	61	62	61	59	60	59	58	57	55
2	63	60	57	54	62	59	56	53	56	54	52	55	53	51	50	49
3	59	54	50	47	58	53	50	47	51	48	46	50	47	45	44	43
4	55	49	45	42	54	48	44	41	47	44	41	46	43	40	45	42
5	51	45	40	37	50	44	40	37	43	39	37	42	39	36	41	38
6	48	41	37	33	47	41	36	33	40	36	33	39	35	33	38	35
7	45	38	33	30	44	37	33	30	36	33	30	36	32	30	35	32
8	42	35	30	27	41	35	30	27	34	30	27	33	30	27	32	29
9	39	32	28	25	39	32	28	25	31	28	25	31	27	25	30	27
10	37	30	26	23	36	30	26	23	29	25	23	29	25	23	28	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCV6PL-1X42-E-6101CL

LAMP: GE F42TBX/841/A/EEO

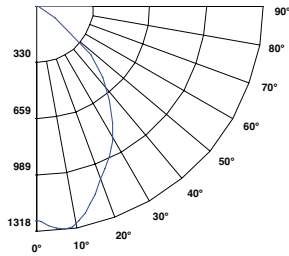
LAMP LUMENS: 3200

EFFICIENCY: 60.6%

TEST NO.: LLI 0509-15G-P42

SPACING CRITERIA: 1.16

Candle Power Distribution (Candelas)



Beam Angle: 110°		
4'	78.3	11.3'
6'	34.8	17.0'
8'	19.6	22.7'
10'	12.5	28.3'
12'	8.7	34.0'
Distance to Plane	Initial Nadir Footcandles	Beam Spread

BEAM DIA. MEASURED AT 10% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	864.32	27	44.6
0-40°	1273.97	39.8	65.7
0-60°	1866.16	58.3	96.2
0-90°	1939.02	60.6	100
90-120°	0	0	0
90-130°	0	0	0
90-150°	0	0	0
90-180°	0	0	0
0-180°	1939.02	60.6	100

Total Luminaire Efficiency = 60.6%

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	37037	37037	37037
55°	11472	11472	11472
65°	872	872	872
75°	814	814	814
85°	1812	1812	1812

Zonal Lumen Summary

Zone	Lumens
0-10	101
10-20	338.99
20-30	424.33
30-40	409.66
40-50	416.56
50-60	175.63
60-70	62.6
70-80	5.66
80-90	4.6

Candela Tabulation

0	0
0	1252
1	1264
3	1286
5	1306
7	1318
9	1312
11	1281
13	1244
15	1200
17	1151
19.5	1089
22.5	1031
25.5	975
29	905
33	815
37.5	698
42.5	572
47.5	423
55	125
65	7
75	4
85	3
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
	0	72	72	72	72	70	70	70	70	67	67	67	64	64	64	62	62	62	61			
	1	68	66	64	62	66	64	63	61	62	61	59	60	59	58	57	57	56	55			
	2	63	60	57	54	62	59	56	53	56	54	52	55	53	51	50	50	49	48			
	3	59	54	50	47	58	53	50	47	51	48	46	50	47	45	44	44	43	43			
	4	55	49	45	42	54	48	44	41	47	44	41	46	43	40	44	42	40	39			
	5	51	45	40	37	50	44	40	37	43	39	37	42	39	36	41	38	36	35			
	6	48	41	37	33	47	41	36	33	40	36	33	39	35	33	38	35	32	31			
	7	45	38	33	30	44	37	33	30	36	33	30	36	32	30	35	32	29	28			
	8	42	35	30	27	41	35	30	27	34	30	27	33	30	27	32	29	27	26			
9	39	32	28	25	39	32	28	25	31	28	25	31	27	25	30	27	25	24				
10	37	30	26	23	36	30	26	23	29	25	23	29	25	23	28	25	23	22				