

IES INDOOR REPORT**PHOTOMETRIC FILENAME : C1203GV-37L35KEX-TSG-SO-1FGR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002
[TEST] SP-00396_39
[TESTLAB] Photopia 2017.3.0 see: www.ltiopics.com/ies
[MANUFAC] Spectrum Lighting
[ISSUEDATE] Mar 30 2018
[UPDATE] Apr 02 2018
[LUMCAT] C1203GV-37L-35K-EX-TSG-SO-1FGR
[LUMINAIRE] Nom. 12" Diam x 3"H LED Cylinder
[OTHER] Reflector, Semi-diffuse, clear anodized alum.
[OTHER] Regressed Solite lens
[OTHER] Decorative Element: 10" Diam. Frosted Glass Ring, w/ 7.3" open center
[OTHER] 81.8 Degree Beam Angle
[LAMP] N/A
[LAMPCAT] N/A, Gen3
[OTHER] Total Luminaire Watts is approximate
[OTHER] CCT: 3500K
[OTHER] CCT Output Multipliers: 50K x 1.06, 40K X 1.03, 30K X 0.985, 27K X 0.971
[OTHER] This report by Spectrum Lighting, 1FGR added to fixture via Photopia

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2902
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	26
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.83 ft (Diameter)
Luminous Width (90-270)	0.83 ft (Diameter)
Luminous Height	0.08 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C1203GV-37L35KEX-TSG-SO-1FGR.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15403	16194	16787
55	4823	4962	5367
65	1545	1640	1653
75	598	639	653
85	470	495	482

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C1203GV-37L35KEX-TSG-SO-1FGR.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1745.78	1745.78	1745.78	1745.78	1745.78
5	1716.21	1743.88	1748.10	1757.68	1760.58
10	1736.34	1766.21	1760.57	1762.33	1756.67
15	1720.45	1727.91	1744.38	1754.26	1740.57
20	1650.18	1668.92	1685.88	1687.67	1683.88
25	1531.34	1575.69	1577.01	1591.28	1579.42
30	1406.73	1432.07	1438.04	1448.53	1442.30
35	1214.35	1246.76	1247.29	1278.64	1260.56
40	945.22	979.96	978.69	1012.76	1007.46
45	622.25	656.04	654.20	686.81	678.16
50	345.29	350.34	361.50	379.32	386.54
55	165.70	163.00	170.46	172.98	184.36
60	80.20	80.02	83.35	83.51	88.14
65	42.13	43.36	44.72	45.58	45.07
70	21.09	20.41	21.34	20.79	22.04
75	11.57	12.37	12.37	11.62	12.63
80	7.12	7.75	8.04	7.62	7.43
85	5.10	5.32	5.37	5.19	5.23
90	1.96	1.67	1.51	1.47	1.79

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C1203GV-37L35KEX-TSG-SO-1FGR.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	656.26	N.A.	22.60
0-30	1378.36	N.A.	47.50
0-40	2147.87	N.A.	74.00
0-60	2835.24	N.A.	97.70
0-80	2896.64	N.A.	99.80
0-90	2902.04	N.A.	100.00
10-90	2734.87	N.A.	94.20
20-40	1491.61	N.A.	51.40
20-50	2004.22	N.A.	69.10
40-70	734.81	N.A.	25.30
60-80	61.39	N.A.	2.10
70-80	13.96	N.A.	0.50
80-90	5.40	N.A.	0.20
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2902.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	167.17
10-20	489.09
20-30	722.09
30-40	769.51
40-50	512.61
50-60	174.76
60-70	47.44
70-80	13.96
80-90	5.40
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

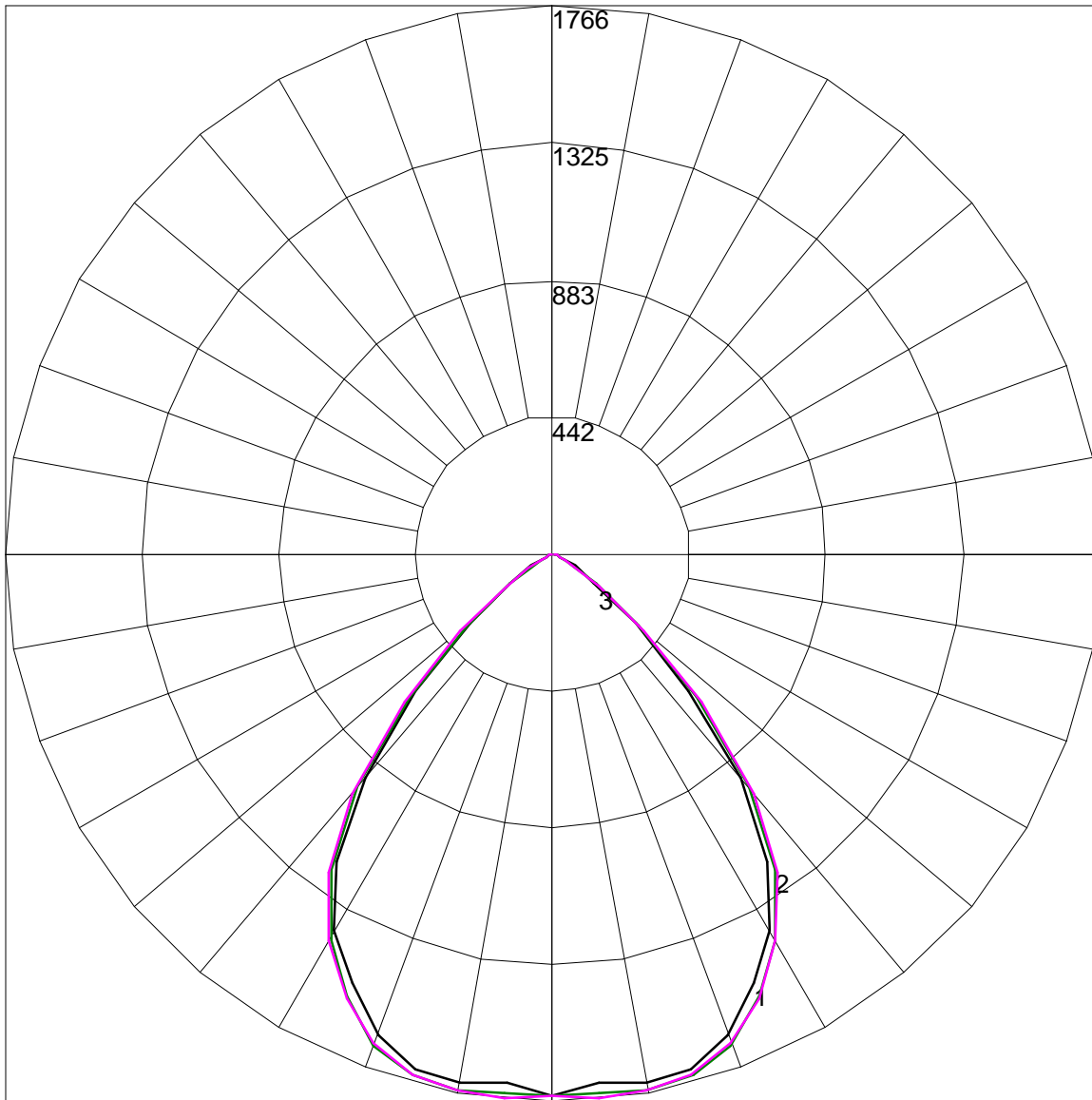
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C1203GV-37L35KEX-TSG-SO-1FGR.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91
2	105	99	95	90	103	98	93	89	94	91	87	91	88	86	88	86	84	82
3	98	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	75	74
4	92	83	76	71	90	82	76	71	79	74	70	77	73	69	75	71	68	66
5	86	76	69	64	84	75	68	64	73	67	63	71	66	62	70	65	62	60
6	81	70	63	58	79	69	62	57	67	61	57	66	61	57	65	60	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45
9	67	55	48	44	66	55	48	44	54	48	43	53	47	43	52	47	43	42
10	63	52	45	40	62	51	45	40	50	44	40	49	44	40	49	43	40	38

POLAR GRAPH



Maximum Candela = 1766.21 Located At Horizontal Angle = 22.5, Vertical Angle = 10

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (45 - 225)

3 - Vertical Plane Through Horizontal Angles (90 - 270)