

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] SP-00574.3
 [TESTLAB] VLS-245-981
 [MANUFAC] Spectrum Lighting
 [ISSUEDATE] 6/15/2017
 [UPDATE] 6/19/2017
 [LUMCAT] C0455SQXT-10L-xxK-XW-EX-SO-xx-MW
 [LUMINAIRE] Nom. 4.5" Square x 5"H Cylinder, Xtra Wide Beam
 [OTHER] Matte White finish, Solite Lens
 [OTHER] 82.7 Degree Beam Angle
 [LAMP] N/A
 [LAMPCAT] N/A, Min. 83 CRI
 [OTHER] Total Luminaire Watts is approximate
 [OTHER] LEDXT lumen output is the same for all available CCT's
 [OTHER] This report prepared by Spectrum Lighting

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	702
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	9.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.38 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14868	21903	14901
55	6034	10286	6488
65	3424	4365	3509
75	2159	2153	1960
85	1763	1887	1811

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	380.626	380.626	380.626	380.626	380.626
5	382.660	382.879	380.715	381.633	379.780
10	377.781	379.058	377.719	378.141	375.625
15	370.700	371.061	371.662	370.703	366.851
20	360.556	360.566	360.210	359.368	356.033
25	345.421	347.710	347.607	345.302	342.534
30	321.125	330.321	332.409	326.645	318.693
35	275.961	294.274	308.524	290.771	274.701
40	210.693	236.440	266.243	235.001	210.186
45	137.478	166.443	202.527	165.776	137.787
50	77.263	101.366	131.654	102.023	81.974
55	45.259	58.103	77.149	58.942	48.667
60	29.252	35.435	44.165	34.902	30.299
65	18.921	23.017	24.125	21.344	19.394
70	12.861	14.798	12.818	12.756	12.956
75	7.307	7.529	7.287	7.474	6.635
80	4.630	5.169	4.405	4.262	3.394
85	2.009	2.357	2.151	1.840	2.064
90	1.605	2.025	1.407	1.497	1.391

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	140.86	N.A.	20.10
0-30	300.11	N.A.	42.80
0-40	479.64	N.A.	68.30
0-60	667.49	N.A.	95.10
0-80	699.05	N.A.	99.60
0-90	701.84	N.A.	100.00
10-90	665.56	N.A.	94.80
20-40	338.78	N.A.	48.30
20-50	468.71	N.A.	66.80
40-70	210.86	N.A.	30.00
60-80	31.56	N.A.	4.50
70-80	8.55	N.A.	1.20
80-90	2.80	N.A.	0.40
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	701.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	36.28
10-20	104.57
20-30	159.25
30-40	179.53
40-50	129.93
50-60	57.92
60-70	23.02
70-80	8.55
80-90	2.80
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 : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES

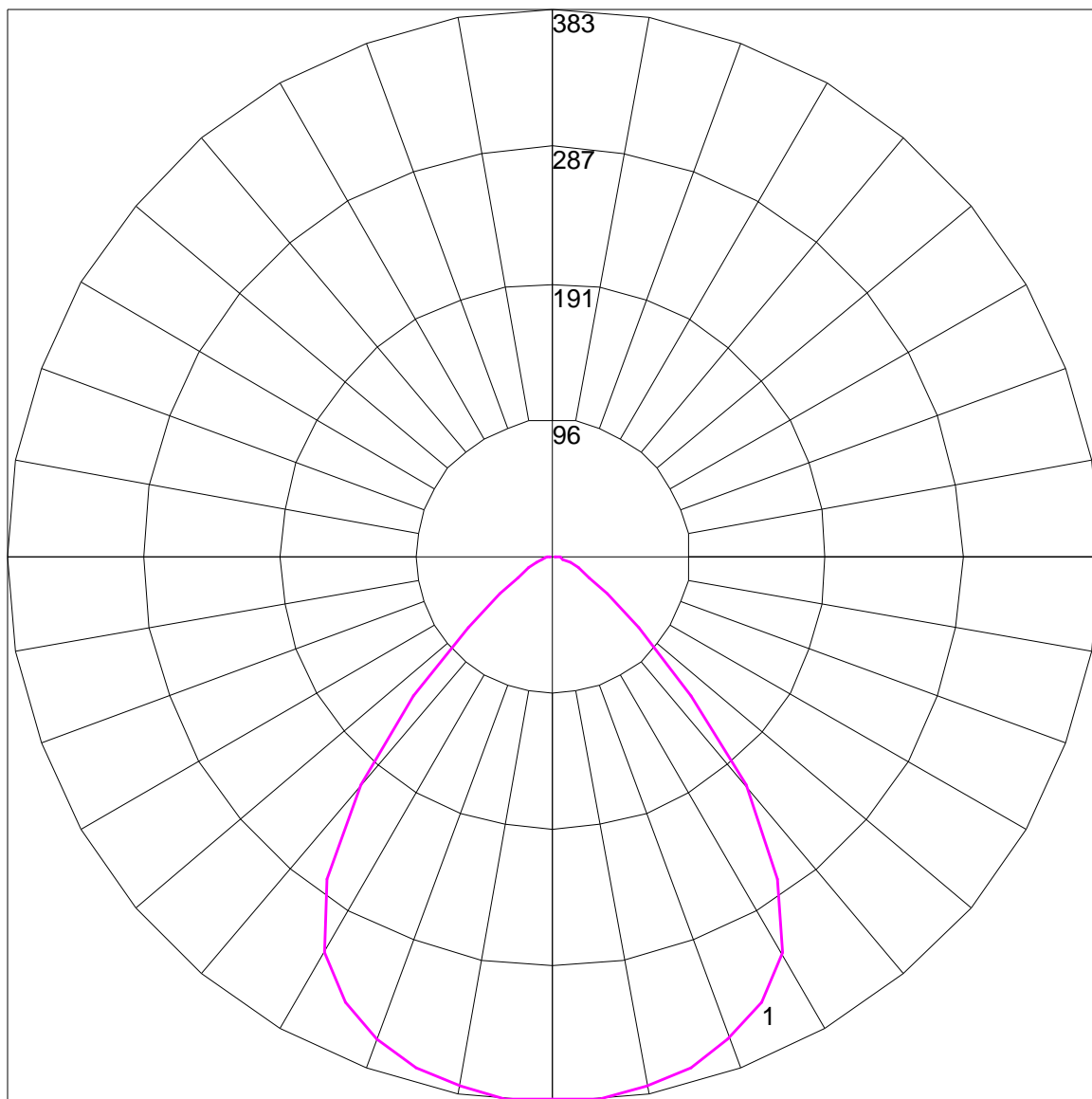
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71
4	90	81	74	68	88	79	73	68	77	71	67	75	70	66	73	69	65	63
5	84	74	66	61	82	73	66	60	71	64	60	69	63	59	67	62	59	57
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51
7	73	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46
8	69	57	50	45	67	56	49	44	55	49	44	54	48	44	53	48	44	42
9	65	53	46	41	63	52	45	41	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00574_3 ~ C0455SQXT-10LXXK-XWEX-SOXXMW.IES

POLAR GRAPH



Maximum Candela = 382.879 Located At Horizontal Angle = 22.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180)