

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] SP-00545_12_M-10L
 [TESTLAB] VLS-245-981
 [MANUFAC] Spectrum Lighting
 [ISSUEDATE] 2/16/2017
 [UPDATE] 5/8/2017
 [LUMCAT] SS3Mx-XT10L-E1-SD3x-xxK-XN-MW-NL
 [LUMINAIRE] Nom. 3" Square Downlight, Xtra Narrow Beam
 [OTHER] Matte White Trim, No Lens
 [OTHER] 11.7 Degree Beam Angle
 [LAMP] N/A, 9mm LES
 [LAMPCAT] N/A, Min. 83 CRI
 [OTHER] Total Luminaire Watts is approximate
 [OTHER] For New Construction Non-IC Housing: SS3MO-XT-series
 [OTHER] For New Construction IC Rated Housing: SS3MI-XT-Series
 [OTHER] For Remodel/Retrofit Housing: SS3MR-XT-Series
 [OTHER] For SD3F or SD3N Downlight Trim
 [OTHER] LEDXT lumen output is the same for all available CCT's
 [OTHER] This report prepared by Spectrum Lighting, scaled from 20L

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	771
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	14.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.24
Spacing Criterion (90-270)	0.24
Spacing Criterion (Diagonal)	0.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.31 ft
Luminous Width (90-270)	0.31 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	839	1011	839
55	1908	1430	1908
65	3025	2925	3025
75	988	899	988
85	1060	1694	1060

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	6762.657	6762.657	6762.657	6762.657	6762.657
5	4552.549	4924.622	5601.535	4924.622	4552.549
10	1091.268	1215.865	1581.495	1215.865	1091.268
15	427.775	459.550	536.517	459.550	427.775
20	354.649	361.798	378.462	361.798	354.649
25	317.597	337.899	353.235	337.899	317.597
30	122.573	205.261	319.707	205.261	122.573
35	22.569	43.105	226.388	43.105	22.569
40	9.671	10.112	53.605	10.112	9.671
45	5.390	4.707	6.495	4.707	5.390
50	2.382	4.848	6.047	4.848	2.382
55	9.937	9.040	7.448	9.040	9.937
60	16.444	15.082	13.607	15.082	16.444
65	11.610	9.726	11.225	9.726	11.610
70	3.553	3.221	4.779	3.221	3.553
75	2.321	1.911	2.113	1.911	2.321
80	4.283	2.322	1.970	2.322	4.283
85	0.839	1.304	1.341	1.304	0.839
90	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	537.62	N.A.	69.70
0-30	680.71	N.A.	88.30
0-40	741.91	N.A.	96.20
0-60	757.19	N.A.	98.20
0-80	769.82	N.A.	99.80
0-90	771.21	N.A.	100.00
10-90	406.04	N.A.	52.60
20-40	204.29	N.A.	26.50
20-50	211.13	N.A.	27.40
40-70	25.13	N.A.	3.30
60-80	12.63	N.A.	1.60
70-80	2.79	N.A.	0.40
80-90	1.39	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	771.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	365.18
10-20	172.45
20-30	143.09
30-40	61.20
40-50	6.84
50-60	8.44
60-70	9.84
70-80	2.79
80-90	1.39
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-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES

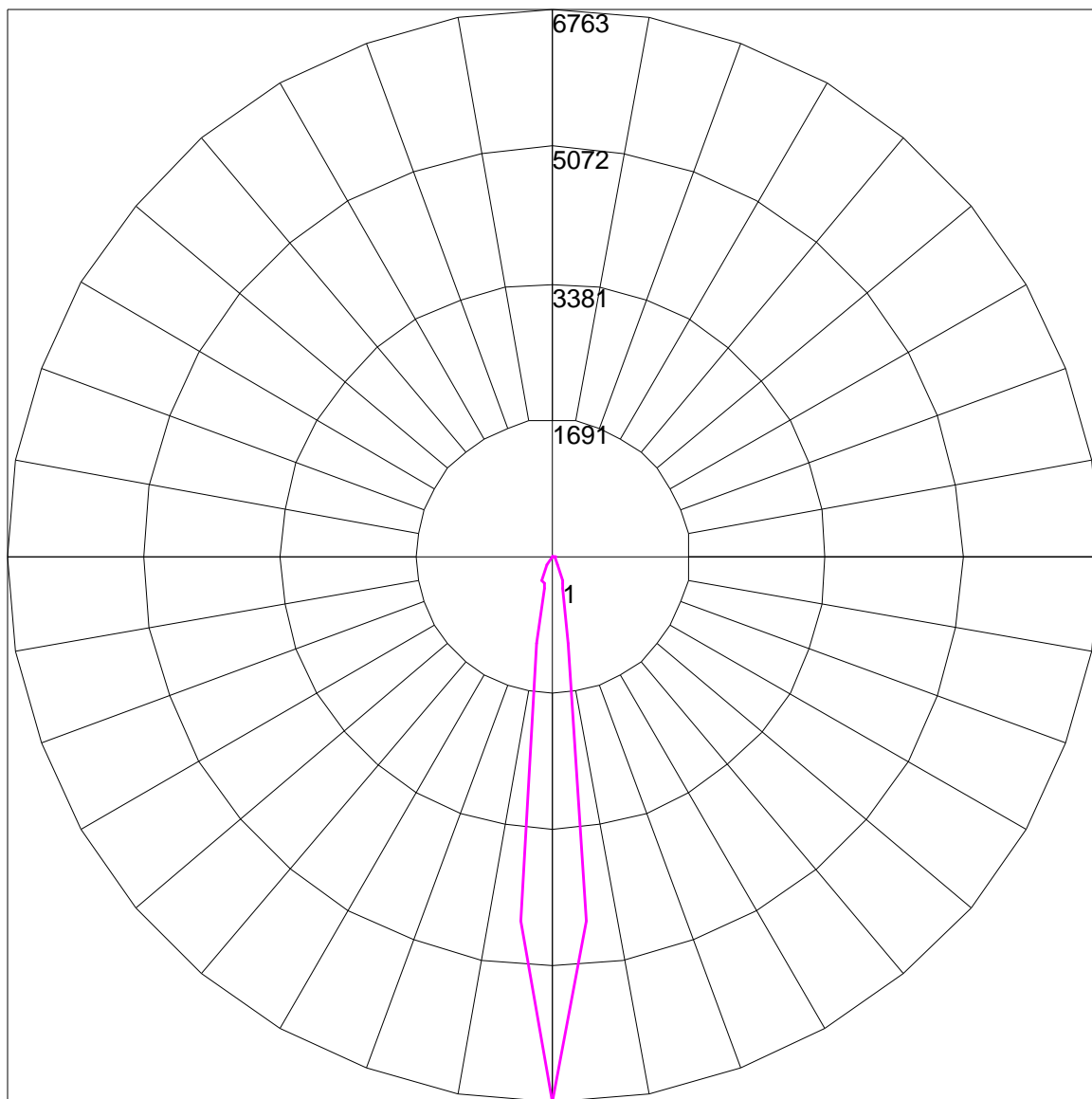
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	92
3	107	102	98	95	105	101	98	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86
5	101	95	90	87	99	94	90	87	92	89	86	91	88	85	89	87	85	83
6	98	91	87	84	96	91	87	84	89	86	83	88	85	83	87	84	82	81
7	95	88	84	81	94	88	84	81	87	83	81	86	83	80	85	82	80	79
8	93	86	82	79	92	85	81	79	84	81	78	84	80	78	83	80	78	77
9	90	84	79	77	89	83	79	77	82	79	76	82	78	76	81	78	76	75
10	88	81	77	75	87	81	77	75	80	77	74	80	77	74	79	76	74	73

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00545_12 ~ SS3MX-XT10LE1-SD3X-XXK-XNMWNL.IES

POLAR GRAPH



Maximum Candela = 6762.657 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)