

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002
[TEST] SP-00545_19_M-10L
[TESTLAB] VLS-245-981
[MANUFAC] Spectrum Lighting
[ISSUEDATE] 2/17/2017
[UPDATE] 5/10/2017
[LUMCAT] SS3Mx-XT10L-E1-SD3x-MD-MW-SO
[LUMINAIRE] Nom. 3" Square Downlight, Medium Beam
[OTHER] Matte White Trim, Solite Lens
[OTHER] 41.5 Degree Beam Angle
[LAMP] N/A
[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	661
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	60
Total Luminaire Watts	11.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.66
Spacing Criterion (90-270)	0.64
Spacing Criterion (Diagonal)	0.66
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_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3864	4514	3547
55	2907	2710	2485
65	1796	2030	1774
75	1384	1461	934
85	809	847	769

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1354.958	1354.958	1354.958	1354.958	1354.958
5	1305.491	1297.708	1269.085	1307.297	1356.974
10	1157.312	1159.521	1126.815	1057.210	1207.293
15	933.011	946.022	913.906	837.035	935.471
20	680.782	704.547	668.341	588.602	638.018
25	404.633	455.128	438.262	338.755	361.121
30	171.166	225.824	240.233	152.683	168.419
35	58.342	85.988	109.362	63.334	73.162
40	32.883	37.725	49.137	32.114	36.080
45	24.811	24.804	28.986	22.581	22.779
50	18.465	18.877	19.747	17.476	17.615
55	15.143	13.882	14.118	12.897	12.943
60	9.649	10.632	9.878	9.442	9.541
65	6.893	7.717	7.789	6.869	6.809
70	4.799	5.400	5.250	4.834	4.201
75	3.253	3.529	3.433	3.139	2.196
80	1.775	2.064	2.008	1.363	1.353
85	0.640	0.862	0.670	0.563	0.609
90	0.535	0.685	0.510	0.707	0.674

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00545_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	368.57	N.A.	55.70
0-30	555.68	N.A.	84.00
0-40	616.58	N.A.	93.20
0-60	649.61	N.A.	98.20
0-80	660.37	N.A.	99.80
0-90	661.39	N.A.	100.00
10-90	542.60	N.A.	82.00
20-40	248.02	N.A.	37.50
20-50	268.56	N.A.	40.60
40-70	40.32	N.A.	6.10
60-80	10.76	N.A.	1.60
70-80	3.47	N.A.	0.50
80-90	1.02	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	661.39	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.78
10-20	249.78
20-30	187.11
30-40	60.91
40-50	20.55
50-60	12.48
60-70	7.29
70-80	3.47
80-90	1.02
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_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

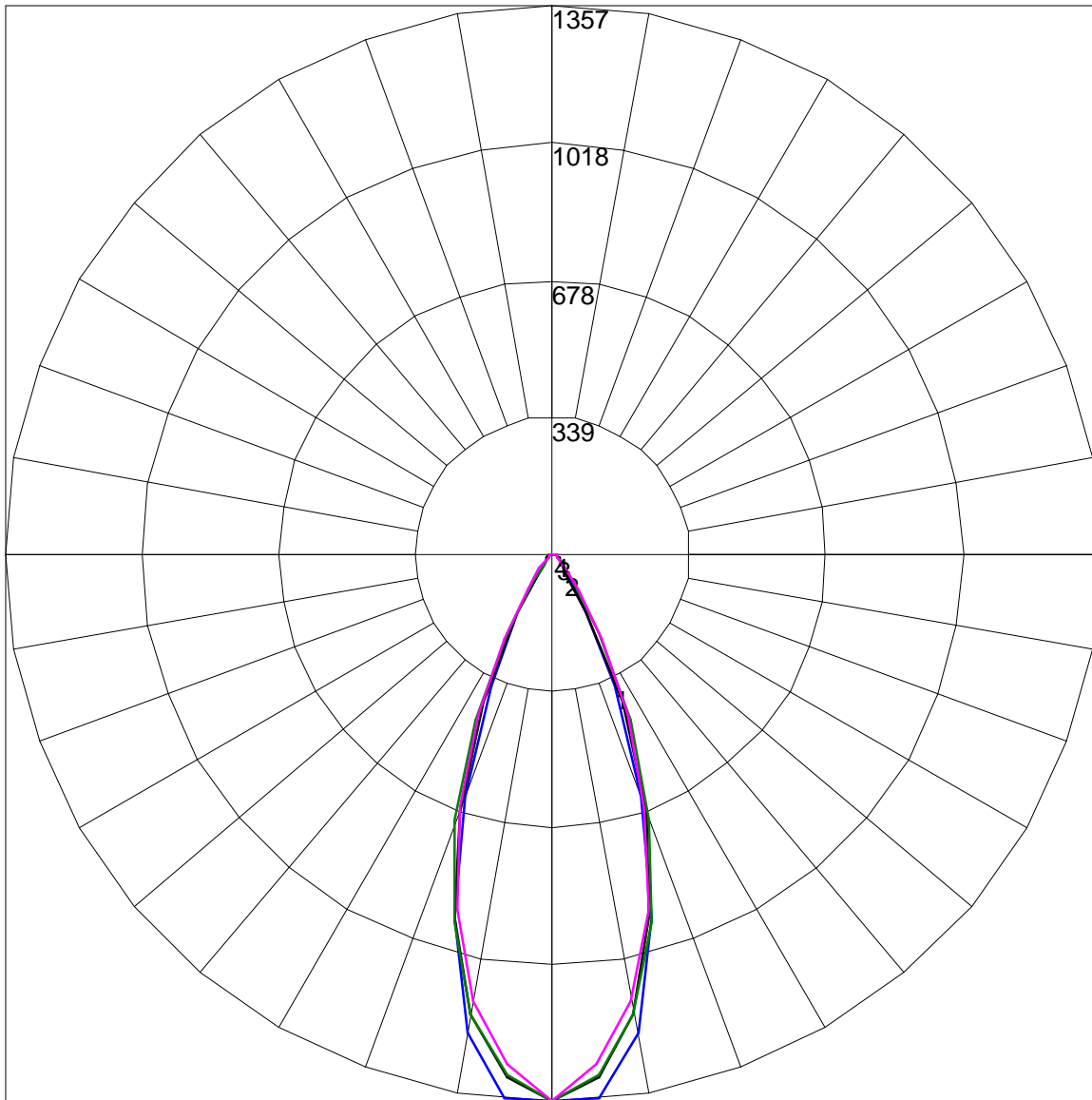
Effective Floor Cavity Reflectance 0.20

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	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	87	90	87	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	95	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	75
6	92	84	78	74	90	83	78	74	81	77	74	80	76	73	79	75	73	71
7	88	80	74	71	87	79	74	70	78	73	70	77	73	70	76	72	69	68
8	84	76	71	67	83	75	70	67	74	70	67	73	69	66	73	69	66	65
9	81	73	67	64	80	72	67	64	71	67	64	70	66	63	70	66	63	62
10	78	70	64	61	77	69	64	61	68	64	61	68	64	61	67	63	61	59

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SP-00545_19 ~ SS3MX-XT10LE1-SD3X-XXK-MDMWSO.IES

POLAR GRAPH



Maximum Candela = 1356.974 Located At Horizontal Angle = 90, Vertical Angle = 5

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

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

3 - Vertical Plane Through Horizontal Angles (22 - 202)

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