

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SS3SM-XT10L-SDSS3F-80D-MWSO.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST] SP-00530_2_M-XT10L

[TESTLAB] Photopia 2015.1.1 see: www.ltioptics.com/ies

[ISSUE DATE]

[TEST DATE] Fri Sep 30 2016

[UPDATE] Tue Mar 14 2017

[MANUFAC] Spectrum Lighting

[LUMCAT] SS3SM-XT-10L-E1-SDSS3F-xxK-80D-MW-SO

[LUMINAIRE] 3" Square Shallow Downlight, Nom. 77 Degree Beam Angle

[TRIM] Matte White, regressed Solite Lens

[OTHER] Square Aperture: 1.85" x 1.85"

[LAMP] N/A, Min 83 CRI

[LAMPCAT] N/A

[OTHER] Total Luminaire Wattage is approximate

[OTHER] LEDXT lumen output is the same for all available CCT's

[OTHER] This report by Spectrum Lighting, scaled from LEDOC10L30K

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	660
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	11.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.15 ft
Luminous Width (90-270)	0.15 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SS3SM-XT10L-SDSS3F-80D-MWSO.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	72613	96676	73470
55	47577	55515	47037
65	35636	36978	36537
75	23033	24995	23784
85	4006	5552	4006

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SS3SM-XT10L-SDSS3F-80D-MWSO.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	355.299	355.299	355.299	355.299	355.299
5	348.292	356.430	352.721	355.588	359.552
10	362.043	363.552	363.657	364.885	370.313
15	371.427	368.989	371.138	369.410	369.962
20	355.606	359.991	359.342	360.649	356.088
25	332.287	334.470	340.109	337.698	329.208
30	292.427	298.145	307.239	299.952	289.392
35	229.695	249.568	267.064	247.121	234.124
40	167.463	187.827	210.655	186.126	165.595
45	113.528	129.147	151.151	129.147	114.869
50	79.711	88.901	102.477	89.331	80.710
55	60.338	64.223	70.406	64.074	59.654
60	46.718	48.130	49.568	47.823	46.297
65	33.300	34.466	34.554	34.212	34.142
70	21.872	22.934	22.679	22.670	22.679
75	13.181	13.909	14.304	13.962	13.611
80	5.736	6.253	7.244	6.411	5.762
85	0.772	0.982	1.070	0.938	0.772
90	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SS3SM-XT10L-SDSS3F-80D-MWSO.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	137.88	N.A.	20.90
0-30	291.07	N.A.	44.10
0-40	444.63	N.A.	67.40
0-60	608.05	N.A.	92.20
0-80	657.43	N.A.	99.70
0-90	659.68	N.A.	100.00
10-90	625.47	N.A.	94.80
20-40	306.75	N.A.	46.50
20-50	410.45	N.A.	62.20
40-70	197.82	N.A.	30.00
60-80	49.38	N.A.	7.50
70-80	14.98	N.A.	2.30
80-90	2.26	N.A.	0.30
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	659.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	34.22
10-20	103.66
20-30	153.20
30-40	153.55
40-50	103.69
50-60	59.73
60-70	34.40
70-80	14.98
80-90	2.26
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

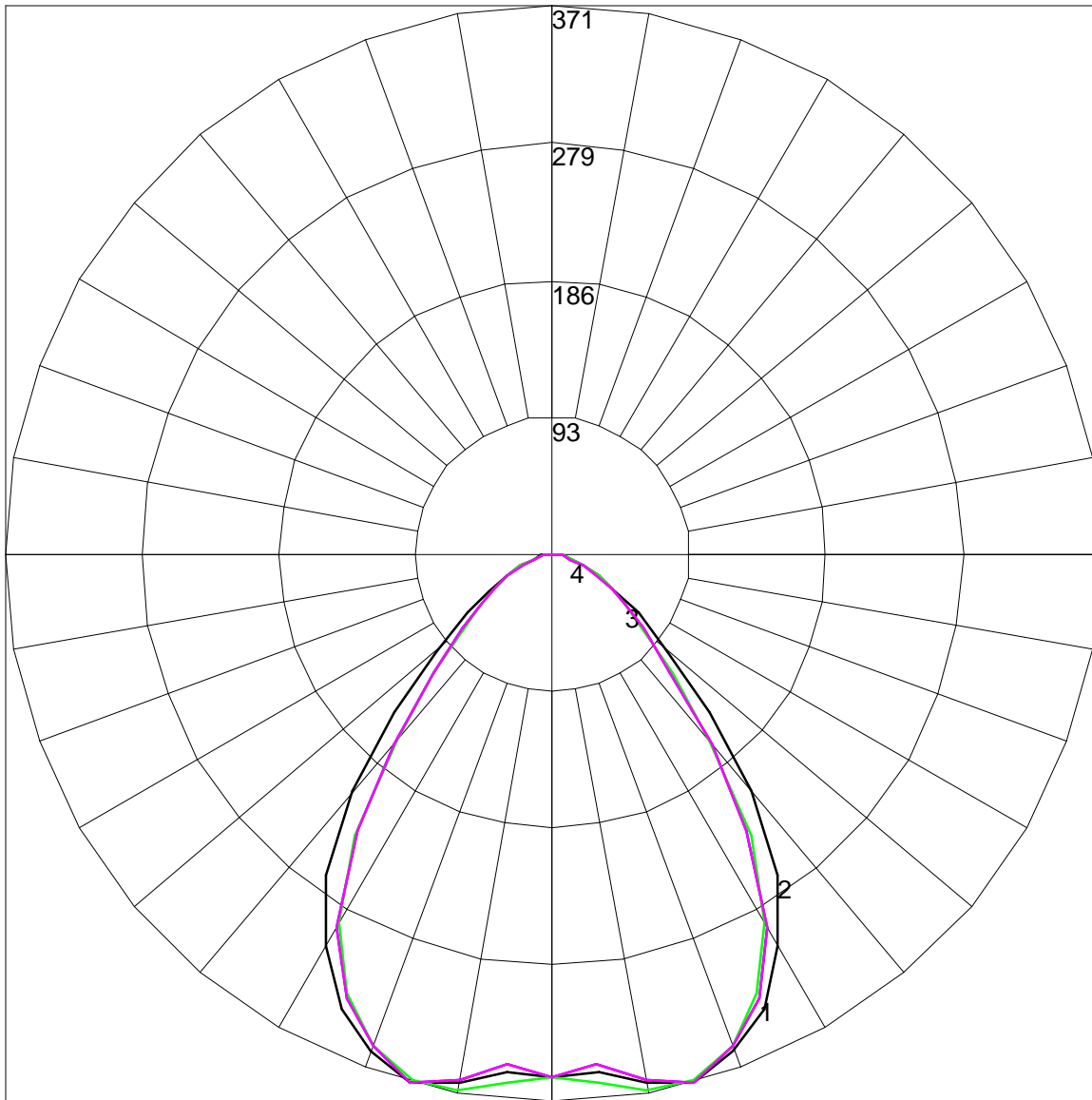
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SS3SM-XT10L-SDSS3F-80D-MWSO.IES

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	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	104	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	81	79
3	96	88	81	76	94	86	80	75	84	78	74	81	77	73	79	75	72	70
4	90	80	73	67	88	79	72	67	76	70	66	74	69	65	72	68	64	62
5	84	73	65	60	82	72	65	59	70	64	59	68	62	58	66	61	58	56
6	78	67	59	54	76	66	59	53	64	58	53	63	57	53	61	56	52	50
7	73	61	54	48	71	61	53	48	59	53	48	58	52	48	57	51	47	46
8	69	57	49	44	67	56	49	44	55	48	44	54	48	44	53	47	43	42
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	35

POLAR GRAPH



Maximum Candela = 371.427 Located At Horizontal Angle = 0, Vertical Angle = 15
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)
4 - Vertical Plane Through Horizontal Angles (0 - 180)