

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00545_15 ~ SS3MX-XT30LE1-SD3X-XXK-NDMWNL.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] SP-00545_15_M-30L
 [TESTLAB] VLS-245-981
 [MANUFAC] Spectrum Lighting
 [ISSUEDATE] 2/17/2017
 [UPDATE] 5/8/2017
 [LUMCAT] SS3Mx-XT30L-E1-SD3x-ND-MW-NL
 [LUMINAIRE] Nom. 3" Square Downlight, Narrow Beam
 [OTHER] Matte White Trim, No Lens
 [OTHER] 25.8 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 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	2511
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	34.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.38
Spacing Criterion (90-270)	0.38
Spacing Criterion (Diagonal)	0.52
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_15 ~ SS3MX-XT30LE1-SD3X-XXK-NDMWNL.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13498	12303	13498
55	23277	25915	23277
65	19769	26763	19769
75	5993	6452	5993
85	0	0	0

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	5963.289	5963.289	5963.289	5963.289	5963.289
5	5167.430	5932.505	5631.350	5932.505	5167.430
10	3221.142	4869.375	4252.230	4869.375	3221.142
15	2185.651	3013.028	2551.628	3013.028	2185.651
20	1440.583	2033.193	1803.101	2033.193	1440.583
25	784.688	1478.055	1303.935	1478.055	784.688
30	323.943	1089.807	911.298	1089.807	323.943
35	85.010	641.467	475.818	641.467	85.010
40	74.626	236.666	168.061	236.666	74.626
45	86.673	76.488	78.999	76.488	86.673
50	76.722	75.063	108.189	75.063	76.722
55	121.242	97.222	134.981	97.222	121.242
60	146.358	138.999	165.388	138.999	146.358
65	75.871	152.381	102.710	152.381	75.871
70	18.450	79.584	45.246	79.584	18.450
75	14.086	28.197	15.165	28.197	14.086
80	25.539	17.023	10.764	17.023	25.539
85	0.000	24.933	0.000	24.933	0.000
90	0.000	0.000	0.000	0.000	0.000

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Zone	Lumens	%Lamp	%Fixt
0-20	1282.89	N.A.	51.10
0-30	1874.48	N.A.	74.70
0-40	2174.84	N.A.	86.60
0-60	2358.59	N.A.	93.90
0-80	2499.11	N.A.	99.50
0-90	2510.69	N.A.	100.00
10-90	2015.04	N.A.	80.30
20-40	891.95	N.A.	35.50
20-50	972.87	N.A.	38.70
40-70	293.67	N.A.	11.70
60-80	140.52	N.A.	5.60
70-80	30.59	N.A.	1.20
80-90	11.58	N.A.	0.50
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	2510.69	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	495.65
10-20	787.25
20-30	591.59
30-40	300.36
40-50	80.92
50-60	102.83
60-70	109.92
70-80	30.59
80-90	11.58
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

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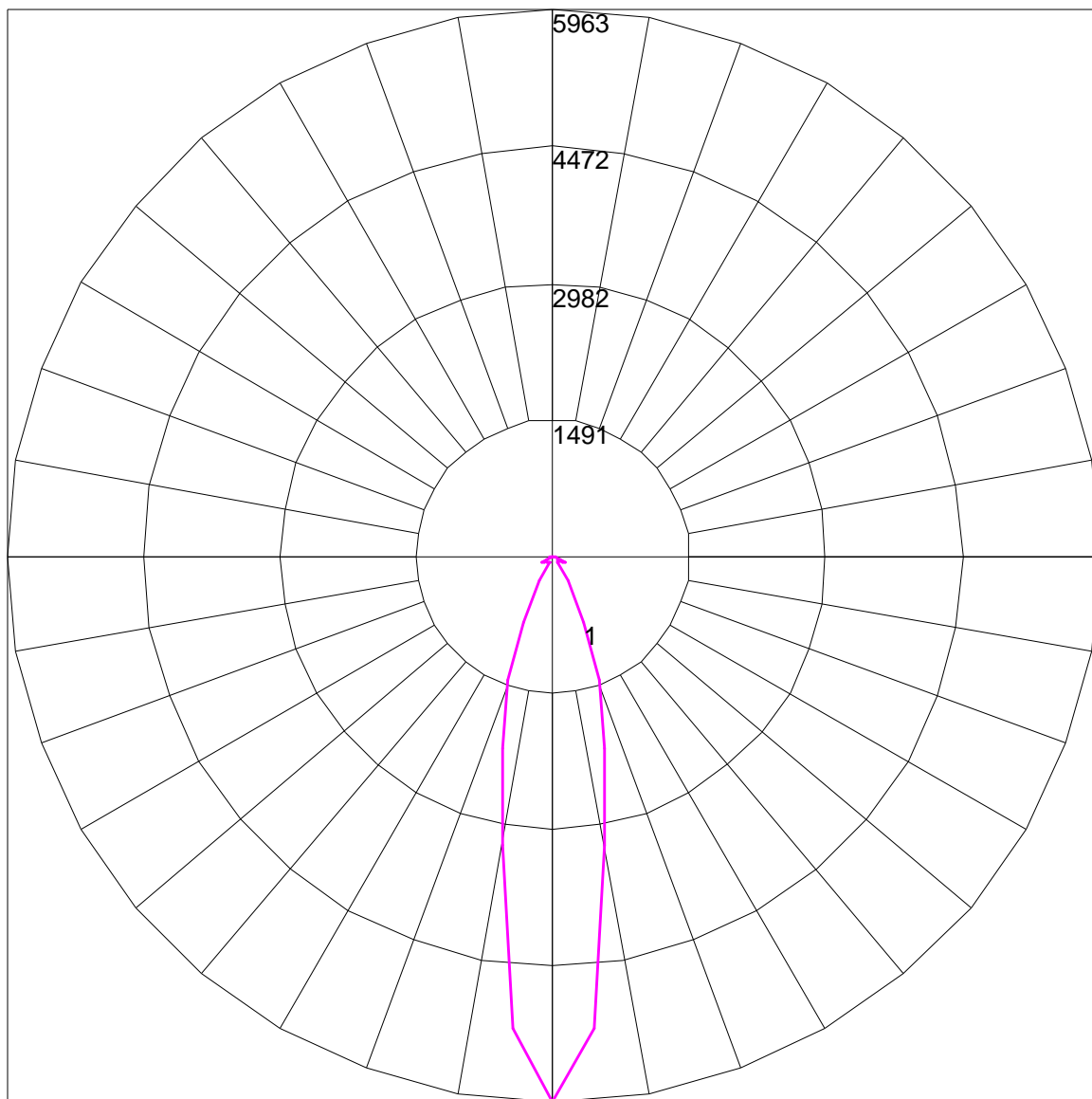
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	96	90	86	100	94	89	86	92	88	84	89	86	83	87	84	82	80
4	97	90	84	80	95	89	83	79	86	82	79	84	81	78	83	79	77	75
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	79	75	72	71
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	67	63	80	72	66	63	71	66	62	70	65	62	69	65	62	61
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	58
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	64	60	57	55

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POLAR GRAPH



Maximum Candela = 5963.289 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)