



IES ROAD REPORT

PHOTOMETRIC FILENAME : XSL2-S-LED-50-SS-CW-DFL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-3890
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 5/13/2020
[TEST DATE] 2/28/13
[MANUFACTURER] LSI INDUSTRIES, INC.
[LUMEN CATEGORY] XSL2-S-LED-50-SS-CW-DFL
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5752
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	60
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2101
Maximum Candela Angle	0H 2.5V
Maximum Candela (<90 Degrees Vertical)	2101
Maximum Candela Angle (<90 Degrees Vertical)	0H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	161 (2.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

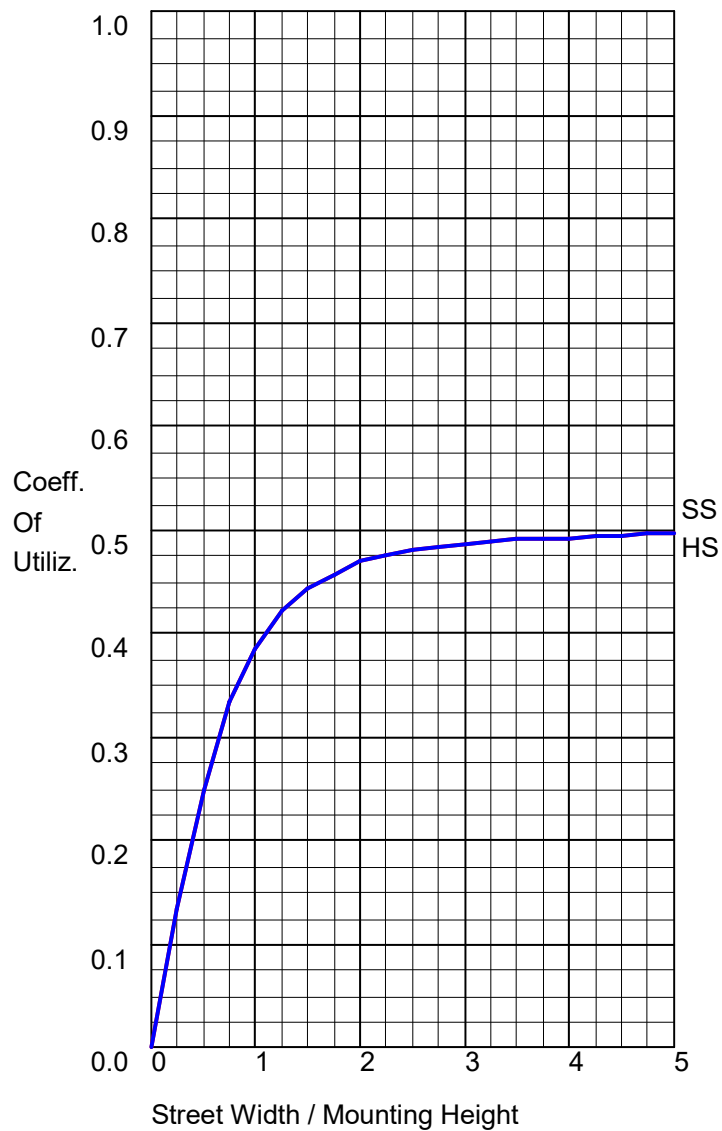
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	838.4	N.A.	14.6
FM - Front-Medium (30-60)	1550.6	N.A.	27.0
FH - Front-High (60-80)	449.1	N.A.	7.8
FVH - Front-Very High (80-90)	37.8	N.A.	0.7
BL - Back-Low (0-30)	838.4	N.A.	14.6
BM - Back-Medium (30-60)	1550.6	N.A.	27.0
BH - Back-High (60-80)	449.1	N.A.	7.8
BVH - Back-Very High (80-90)	37.8	N.A.	0.7
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	5751.8	N.A.	100.0
BUG Rating	B2-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles				
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2083	2083	2083	2083	2083
2.5	2101	2093	2082	2071	2062
5.0	2097	2090	2078	2068	2059
7.5	2090	2084	2072	2062	2053
10.0	2079	2074	2064	2053	2043
12.5	2068	2063	2053	2042	2031
15.0	2055	2050	2040	2029	2018
17.5	2038	2033	2024	2014	2004
20.0	2018	2014	2006	1996	1986
22.5	1994	1991	1985	1976	1966
25.0	1965	1964	1959	1952	1942
27.5	1931	1931	1928	1922	1913
30.0	1890	1891	1890	1886	1876
32.5	1839	1841	1843	1840	1830
35.0	1778	1781	1784	1783	1773
37.5	1706	1710	1714	1714	1704
40.0	1624	1628	1633	1632	1623
42.5	1528	1534	1539	1539	1530
45.0	1426	1431	1437	1437	1429
47.5	1317	1323	1328	1329	1321
50.0	1205	1211	1216	1218	1211
52.5	1093	1099	1105	1106	1101
55.0	982	990	995	997	992
57.5	878	884	889	892	887
60.0	776	783	787	790	787
62.5	680	685	690	693	690
65.0	589	594	598	601	599
67.5	502	508	511	514	513
70.0	422	426	430	433	431
72.5	347	351	353	356	355
75.0	282	285	288	289	289
77.5	216	219	221	223	222
80.0	156	158	160	161	161
82.5	101	103	105	106	106
85.0	60	63	65	66	67
87.5	28	29	30	30	29
90.0	0	0	0	0	0

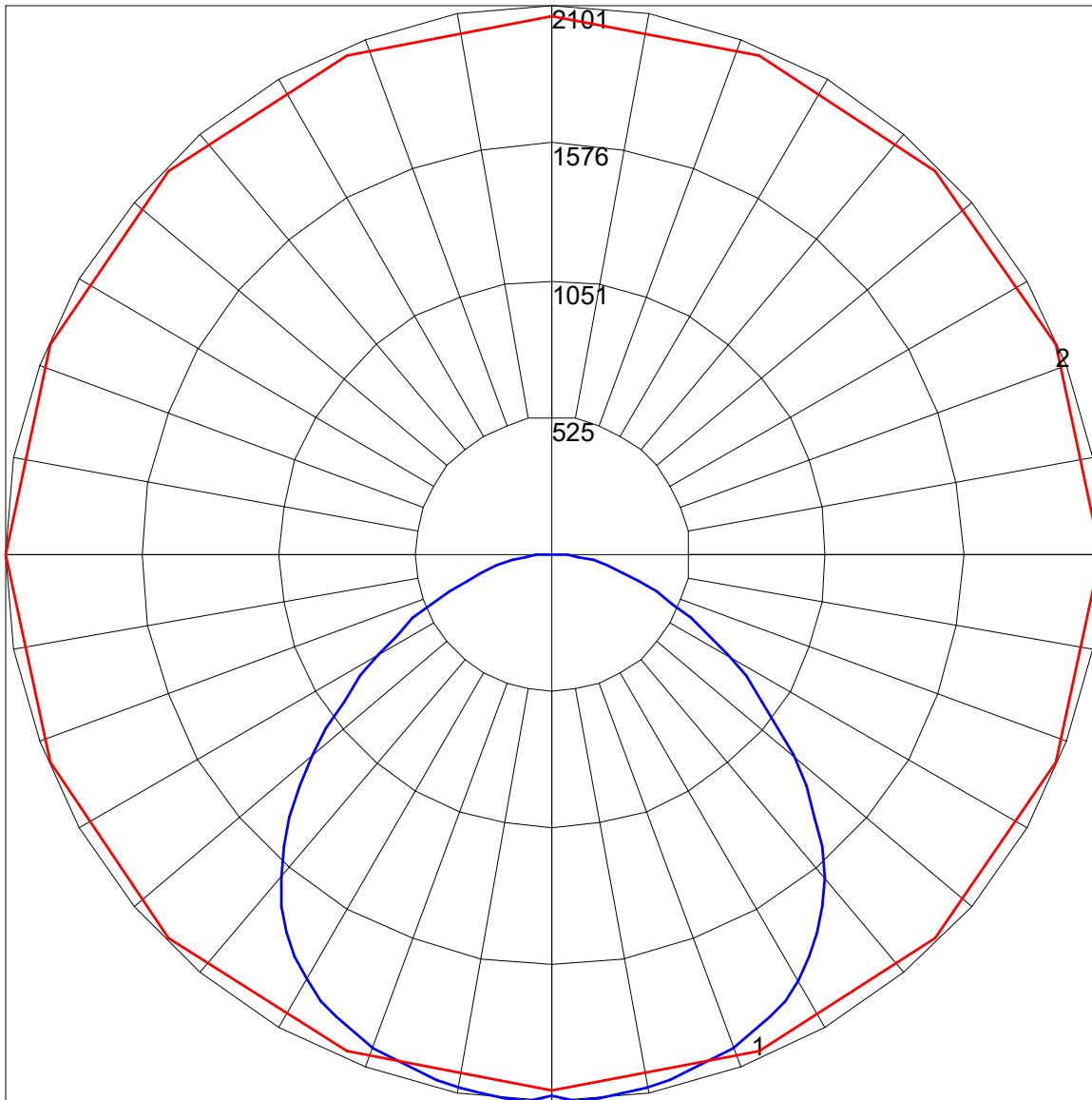
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

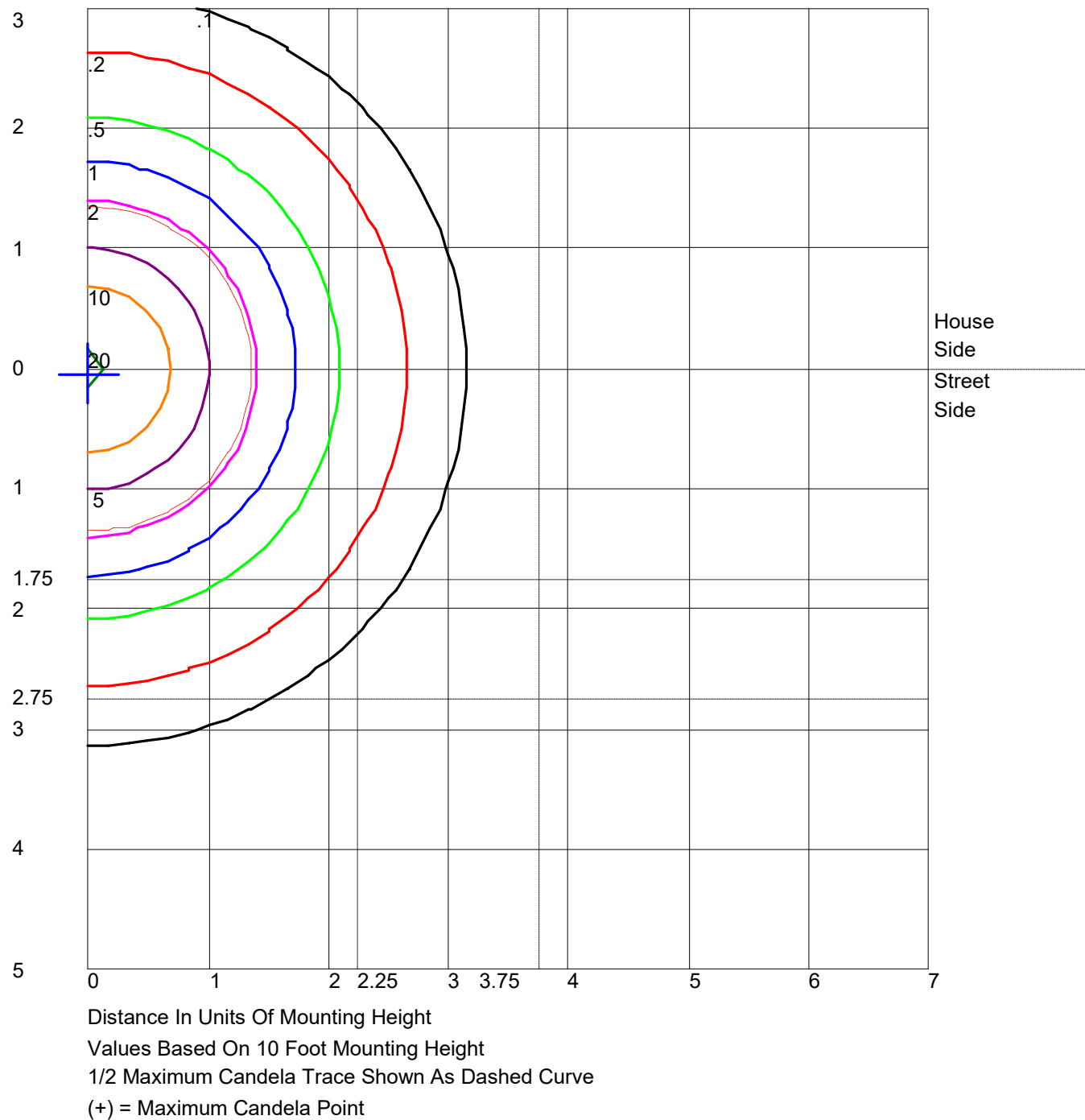
	Lumens	Percent Of Luminaire
Downward Street Side	2875.9	50.0
Downward House Side	2875.9	50.0
Downward Total	5751.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5751.8	100.0

POLAR GRAPH

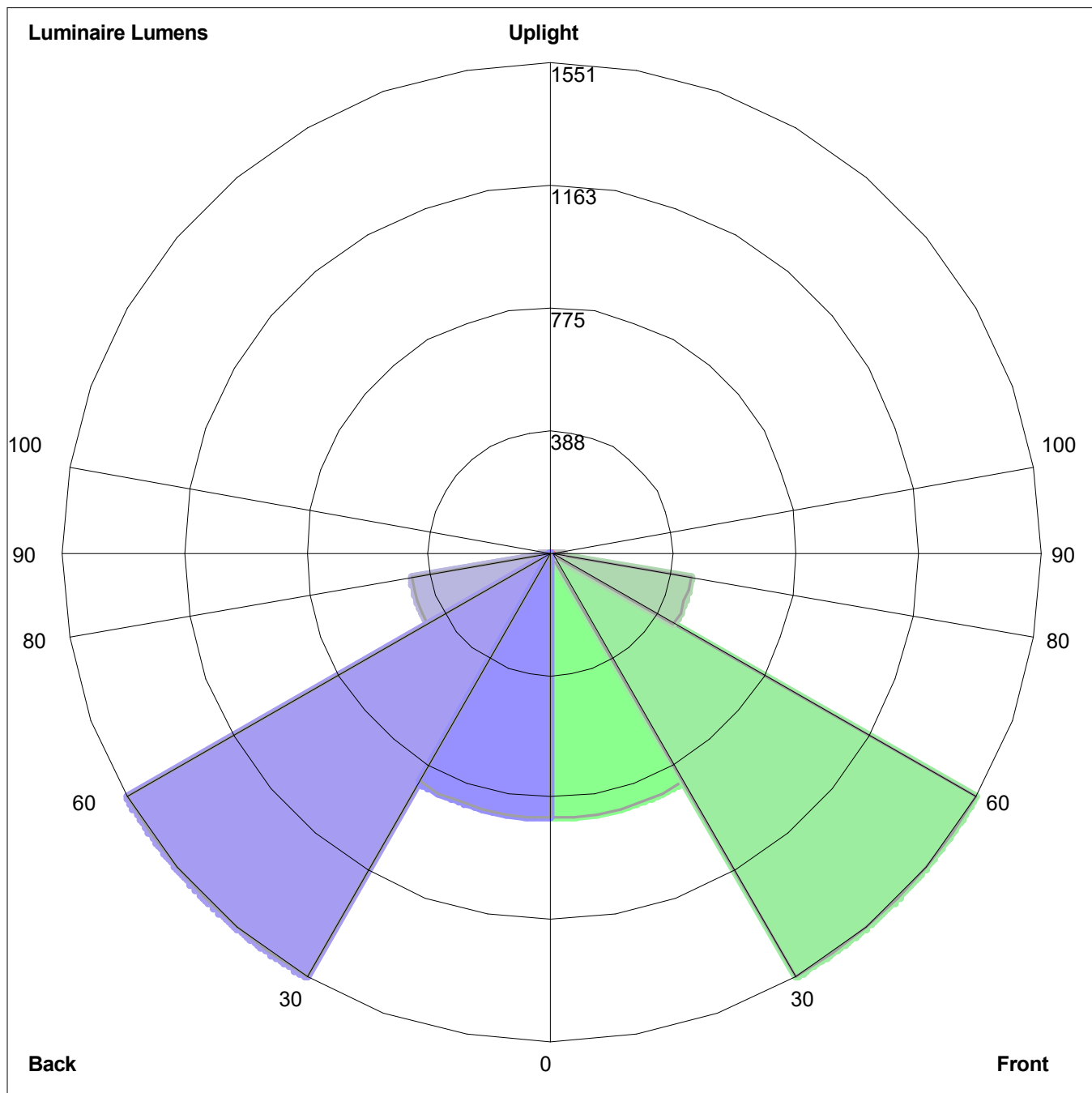


Maximum Candela = 2101 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=838.4, Medium=1550.6, High=449.1, Very High=37.8
Back: Low=838.4, Medium=1550.6, High=449.1, Very High=37.8
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1