



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-4005
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 5/13/2020
[TEST DATE] 05/01/13
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] XSL2-S-LED-50-HO-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	6751
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	87
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2646
Maximum Candela Angle	0H 2.5V
Maximum Candela (<90 Degrees Vertical)	2646
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	170 (2.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

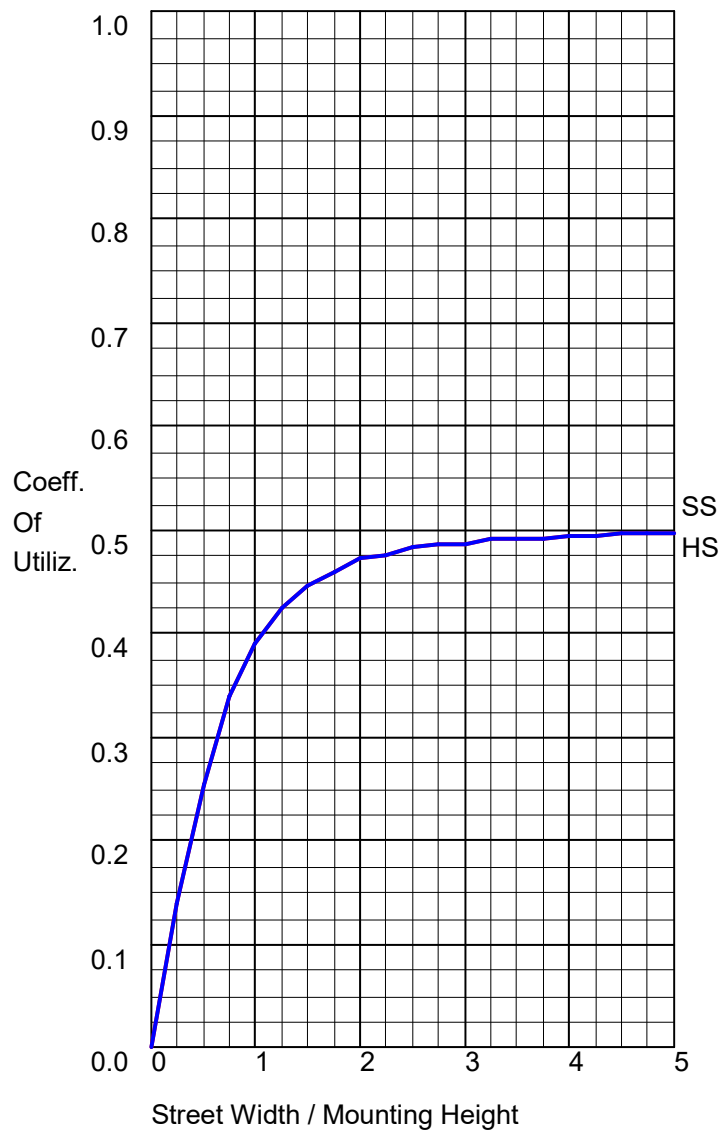
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1024.9	N.A.	15.2
FM - Front-Medium (30-60)	1812.9	N.A.	26.9
FH - Front-High (60-80)	498.9	N.A.	7.4
FVH - Front-Very High (80-90)	38.9	N.A.	0.6
BL - Back-Low (0-30)	1024.9	N.A.	15.2
BM - Back-Medium (30-60)	1812.9	N.A.	26.9
BH - Back-High (60-80)	498.9	N.A.	7.4
BVH - Back-Very High (80-90)	38.9	N.A.	0.6
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	6751.2	N.A.	100.0
BUG Rating	B3-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	2623	2623	2623	2623	2623
2.5	2646	2638	2624	2608	2595
5.0	2639	2631	2617	2603	2588
7.5	2625	2617	2604	2590	2575
10.0	2605	2598	2586	2572	2557
12.5	2578	2573	2562	2549	2533
15.0	2547	2543	2533	2520	2504
17.5	2510	2507	2497	2485	2469
20.0	2469	2466	2458	2446	2430
22.5	2422	2420	2412	2401	2386
25.0	2370	2368	2362	2351	2337
27.5	2310	2310	2305	2297	2283
30.0	2245	2247	2243	2235	2223
32.5	2173	2176	2173	2167	2156
35.0	2094	2096	2095	2091	2080
37.5	2004	2008	2008	2005	1994
40.0	1905	1908	1909	1909	1898
42.5	1794	1797	1800	1800	1790
45.0	1673	1678	1682	1682	1673
47.5	1545	1550	1553	1555	1546
50.0	1412	1417	1421	1422	1415
52.5	1276	1281	1286	1288	1281
55.0	1143	1148	1153	1155	1149
57.5	1014	1019	1023	1025	1019
60.0	891	895	898	901	895
62.5	773	778	781	783	780
65.0	664	668	672	674	671
67.5	563	566	569	571	569
70.0	468	472	475	477	474
72.5	381	385	387	388	386
75.0	304	307	309	309	306
77.5	233	235	237	238	238
80.0	165	168	170	170	169
82.5	110	108	109	109	109
85.0	63	65	67	67	67
87.5	25	26	27	27	27
90.0	0	0	0	0	0

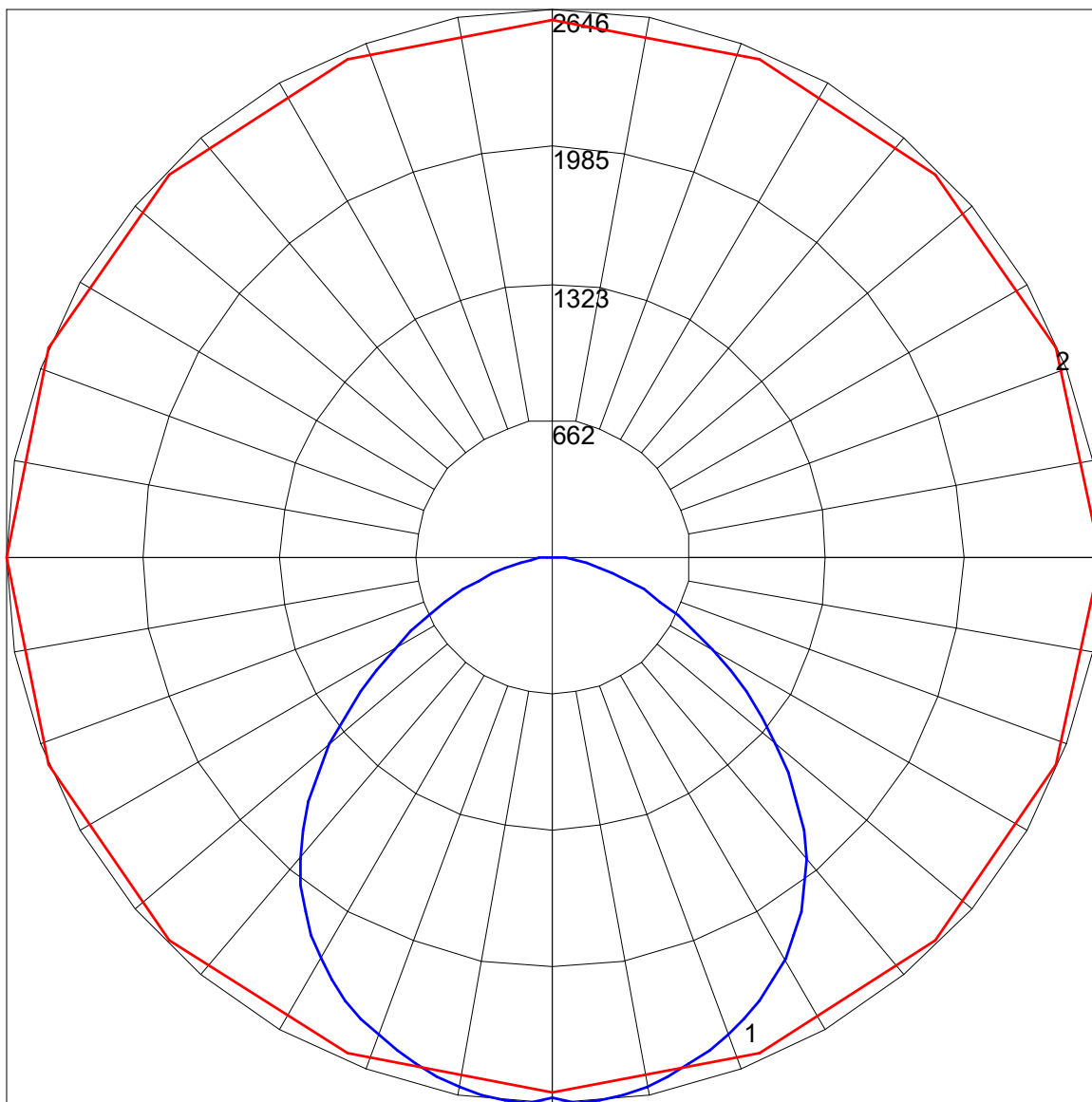
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

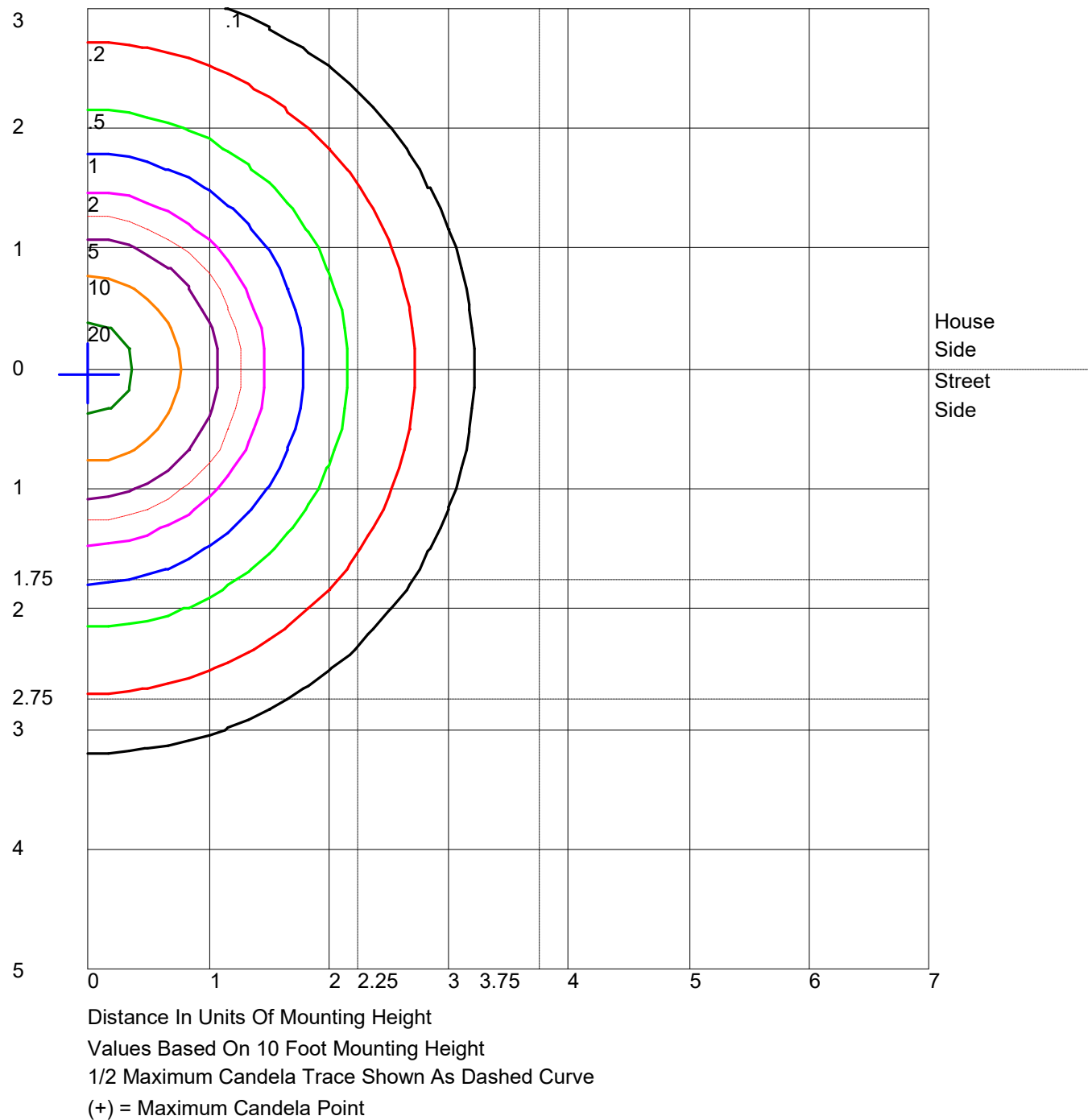
	Lumens	Percent Of Luminaire
Downward Street Side	3375.6	50.0
Downward House Side	3375.6	50.0
Downward Total	6751.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6751.2	100.0

POLAR GRAPH

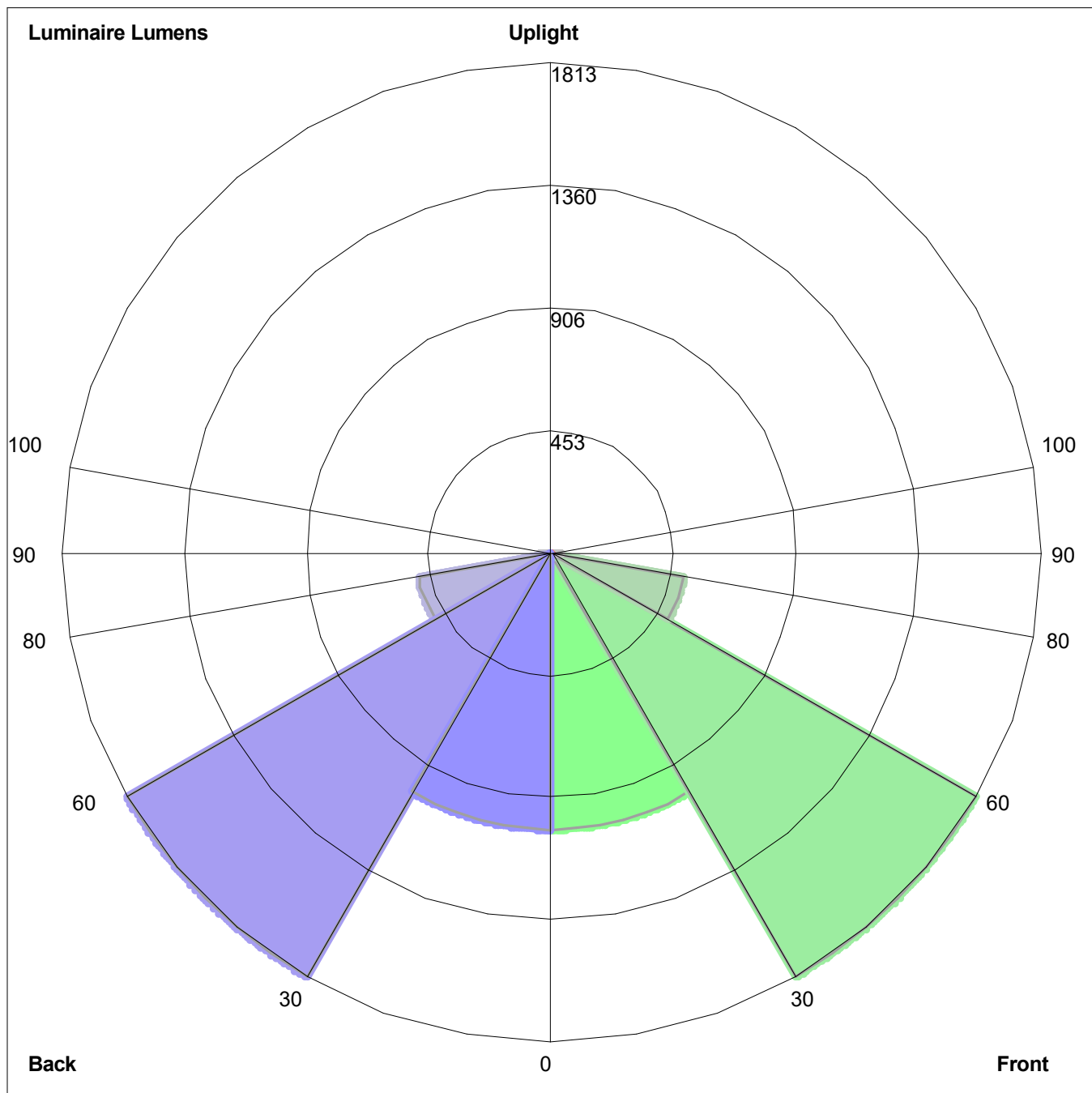


Maximum Candela = 2646 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1024.9, Medium=1812.9, High=498.9, Very High=38.9
Back: Low=1024.9, Medium=1812.9, High=498.9, Very High=38.9
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1