



IES ROAD REPORT
PHOTOMETRIC FILENAME : XSPS-S-LED-SHO-WW-DFL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12735
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 05/10/2021
[TEST DATE] 04/26/21
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] XSPS-S-LED-SHO-WW-DFL
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[OTHER] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor
[SEARCH_COLORTEMP] 3000

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7559
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	66.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2999
Maximum Candela Angle	0H 2.5V
Maximum Candela (<90 Degrees Vertical)	2999
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	252 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

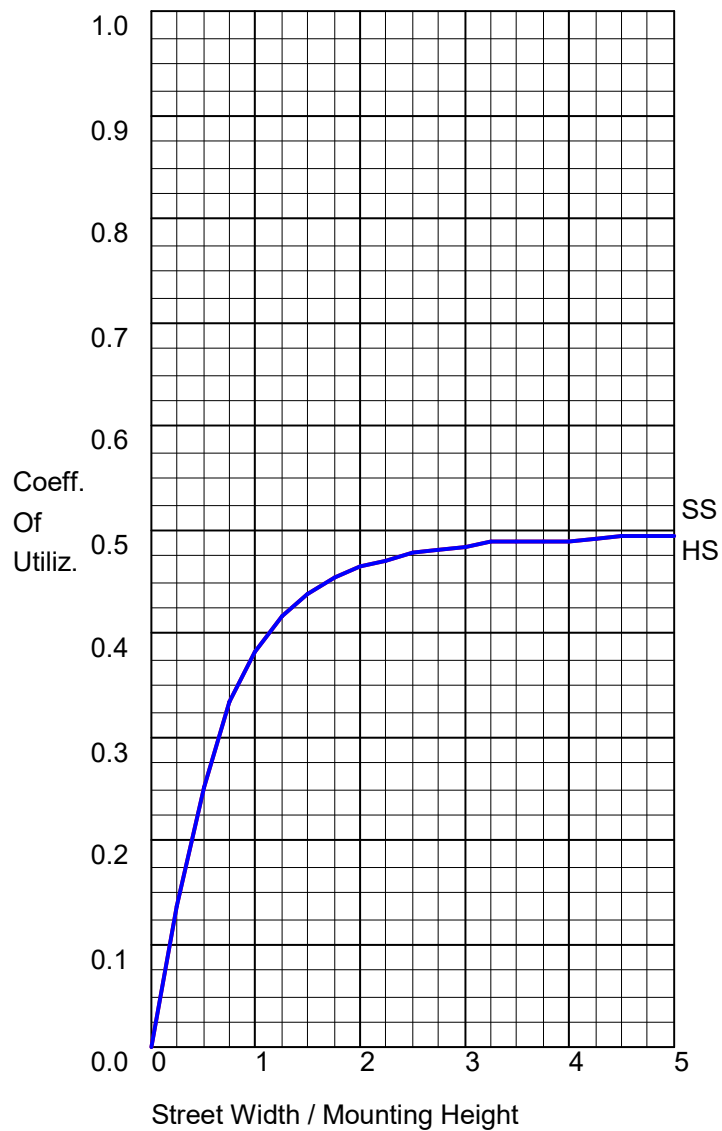
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1152.3	N.A.	15.2
FM - Front-Medium (30-60)	1934.5	N.A.	25.6
FH - Front-High (60-80)	628.8	N.A.	8.3
FVH - Front-Very High (80-90)	63.7	N.A.	0.8
BL - Back-Low (0-30)	1152.3	N.A.	15.2
BM - Back-Medium (30-60)	1934.5	N.A.	25.6
BH - Back-High (60-80)	628.8	N.A.	8.3
BVH - Back-Very High (80-90)	63.7	N.A.	0.8
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	7558.6	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	2990	2990	2990	2990	2990
2.5	2999	2996	2994	2995	2997
5.0	2994	2991	2989	2990	2992
7.5	2981	2977	2975	2976	2979
10.0	2959	2953	2953	2954	2957
12.5	2924	2921	2921	2923	2925
15.0	2882	2880	2880	2883	2885
17.5	2832	2830	2829	2832	2836
20.0	2772	2770	2770	2772	2774
22.5	2704	2703	2703	2704	2707
25.0	2627	2626	2626	2626	2630
27.5	2540	2540	2542	2541	2540
30.0	2443	2444	2446	2445	2443
32.5	2337	2338	2338	2339	2337
35.0	2224	2225	2226	2225	2225
37.5	2106	2106	2109	2109	2109
40.0	1986	1984	1990	1990	1991
42.5	1860	1861	1871	1871	1871
45.0	1733	1738	1748	1751	1751
47.5	1612	1618	1625	1628	1624
50.0	1493	1499	1506	1508	1504
52.5	1373	1380	1387	1387	1385
55.0	1257	1263	1271	1266	1267
57.5	1143	1149	1154	1149	1146
60.0	1032	1037	1039	1037	1034
62.5	922	925	930	928	925
65.0	810	813	823	821	818
67.5	703	708	717	717	714
70.0	604	608	613	613	614
72.5	507	512	515	513	512
75.0	416	419	422	419	414
77.5	329	332	333	330	327
80.0	249	251	252	250	247
82.5	174	176	177	177	175
85.0	110	110	112	113	111
87.5	53	55	57	56	56
90.0	0	0	0	0	0

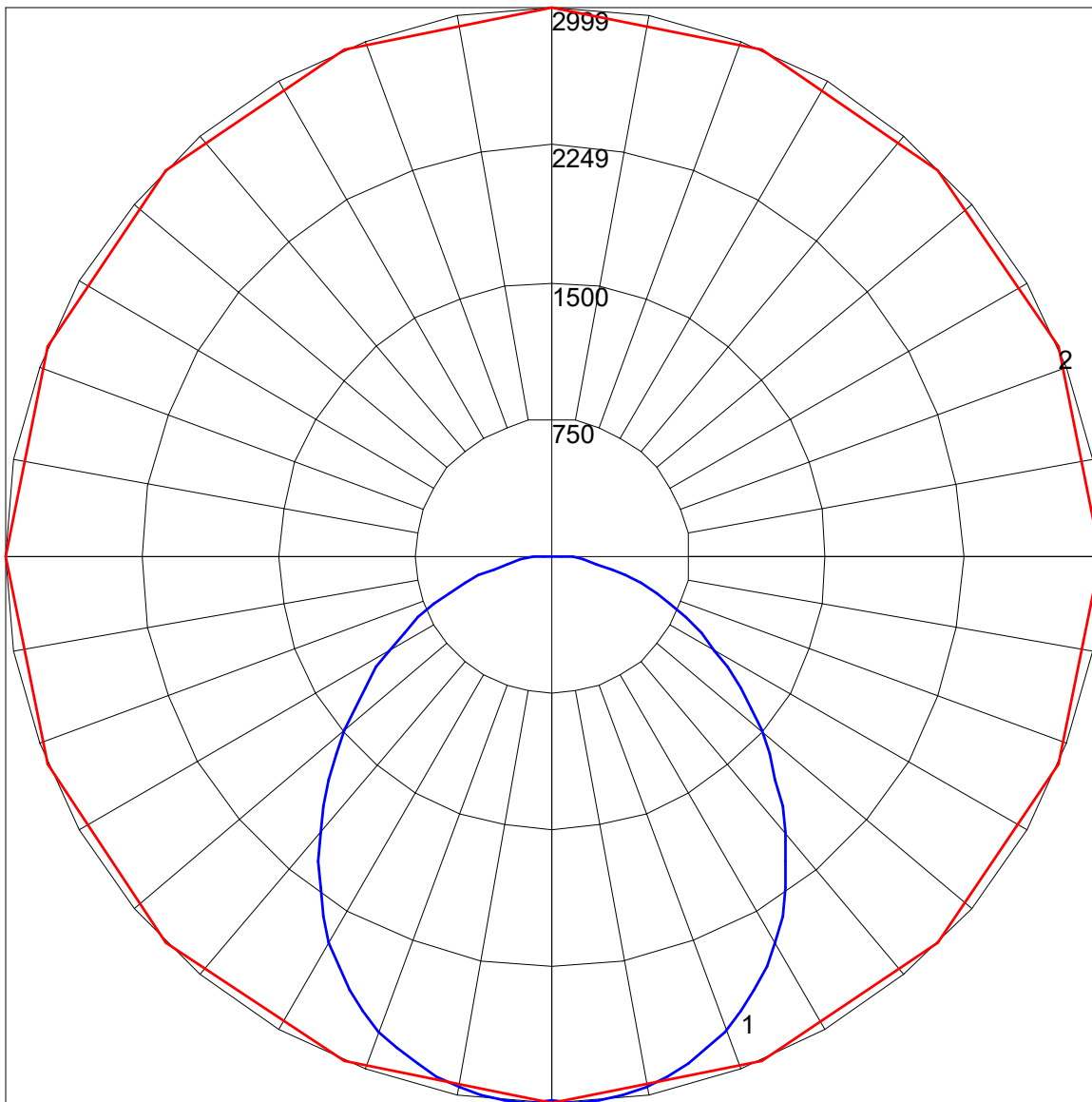
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

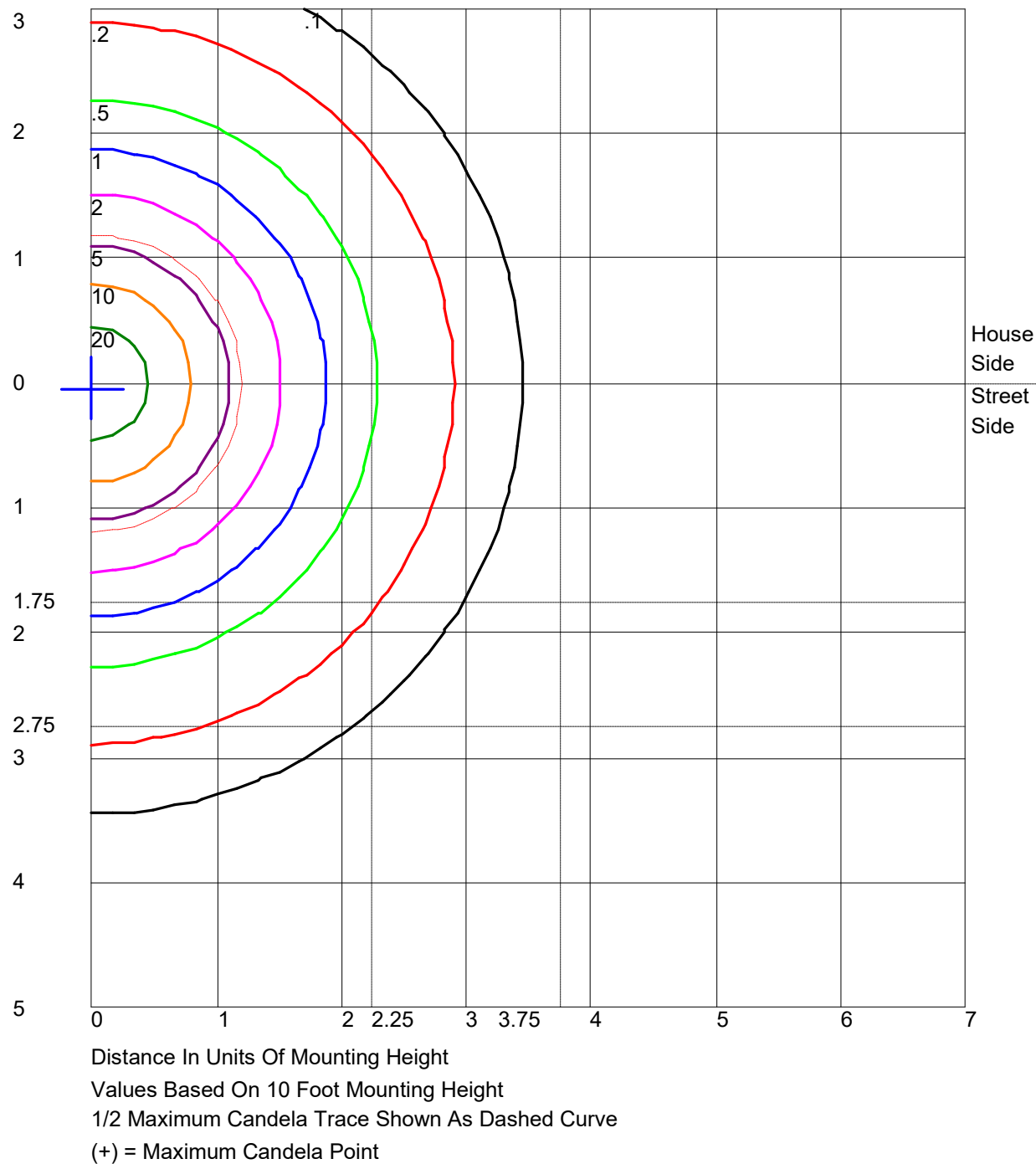
	Lumens	Percent Of Luminaire
Downward Street Side	3779.3	50.0
Downward House Side	3779.3	50.0
Downward Total	7558.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	7558.6	100.0

POLAR GRAPH

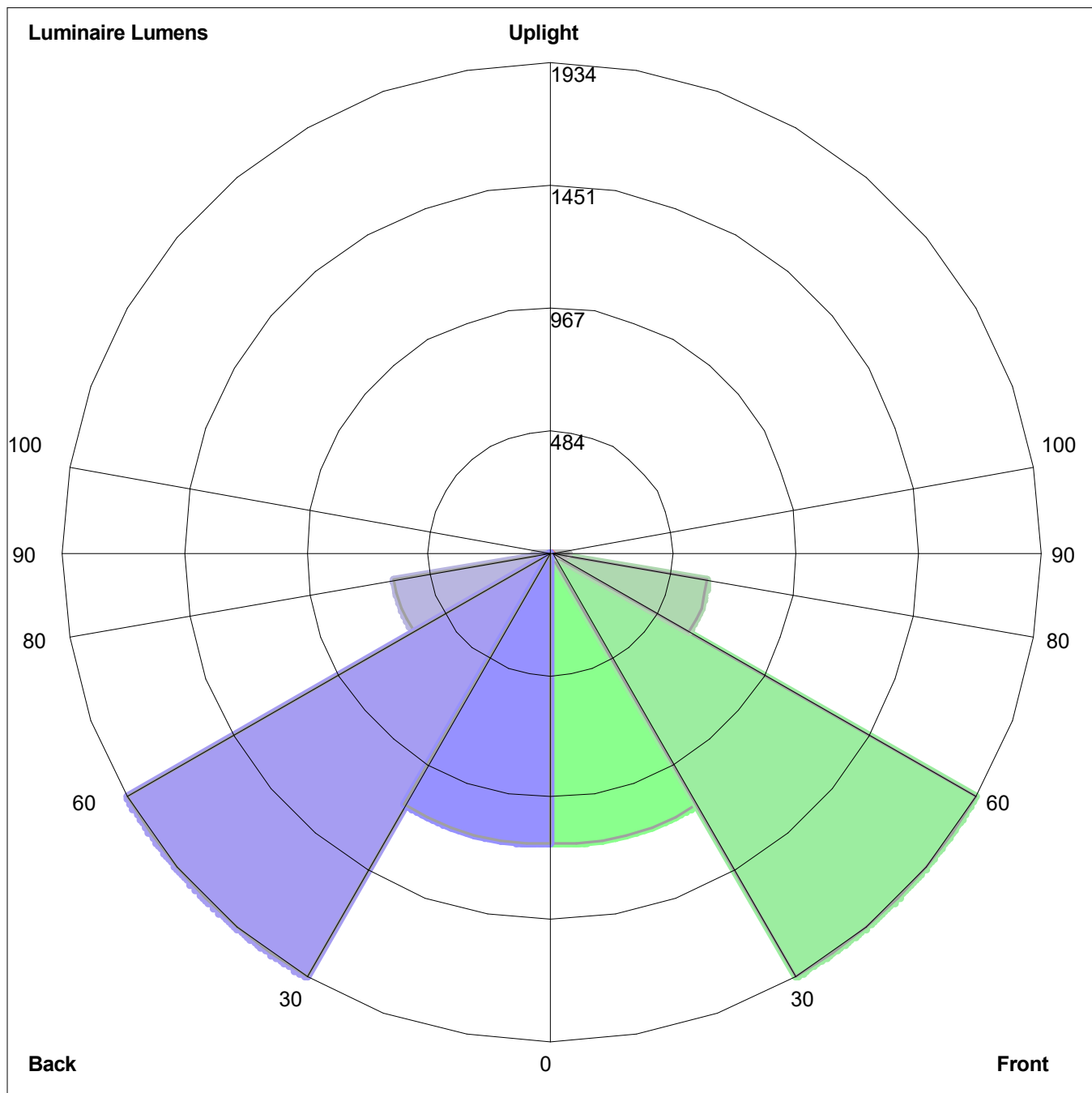


Maximum Candela = 2999 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1152.3, Medium=1934.5, High=628.8, Very High=63.7
Back: Low=1152.3, Medium=1934.5, High=628.8, Very High=63.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1