



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

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LED-12735  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUEDATE] 05/10/2021  
[TESTDATE] 04/26/21  
[MANUFAC] LSI INDUSTRIES, INC.  
[LUMCAT] XSPS-S-LED-SHO-CW-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] 5000

**CHARACTERISTICS**

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7853
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	66.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3116
Maximum Candela Angle	0H 2.5V
Maximum Candela (<90 Degrees Vertical)	3116
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	262 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

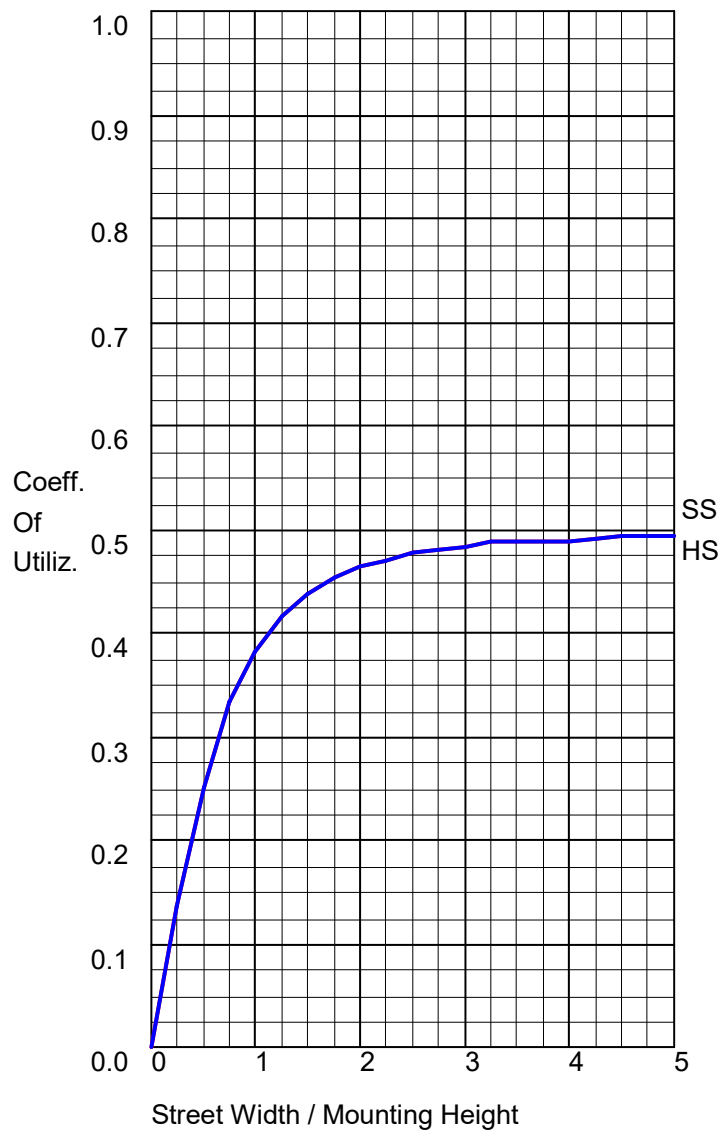
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1197.2	N.A.	15.2
FM - Front-Medium (30-60)	2010.0	N.A.	25.6
FH - Front-High (60-80)	653.3	N.A.	8.3
FVH - Front-Very High (80-90)	66.0	N.A.	0.8
BL - Back-Low (0-30)	1197.2	N.A.	15.2
BM - Back-Medium (30-60)	2010.0	N.A.	25.6
BH - Back-High (60-80)	653.3	N.A.	8.3
BVH - Back-Very High (80-90)	66.0	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	7853.0	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	3107	3107	3107	3107	3107
2.5	3116	3113	3111	3112	3114
5.0	3111	3108	3106	3107	3109
7.5	3097	3093	3091	3092	3095
10.0	3075	3069	3069	3070	3073
12.5	3038	3035	3035	3037	3039
15.0	2995	2993	2993	2996	2998
17.5	2942	2940	2939	2942	2946
20.0	2880	2878	2878	2880	2882
22.5	2809	2808	2808	2809	2812
25.0	2729	2728	2728	2728	2732
27.5	2639	2639	2641	2640	2639
30.0	2538	2539	2541	2540	2538
32.5	2428	2430	2430	2431	2429
35.0	2310	2312	2313	2311	2312
37.5	2188	2188	2191	2191	2191
40.0	2064	2062	2068	2068	2069
42.5	1933	1934	1944	1945	1944
45.0	1801	1806	1816	1819	1819
47.5	1675	1681	1688	1691	1687
50.0	1551	1557	1565	1567	1563
52.5	1427	1434	1442	1441	1439
55.0	1306	1312	1320	1315	1316
57.5	1187	1194	1199	1194	1191
60.0	1072	1078	1080	1078	1075
62.5	958	961	966	964	961
65.0	842	845	855	853	850
67.5	731	736	744	744	742
70.0	627	632	637	637	638
72.5	527	531	535	533	531
75.0	432	435	439	435	430
77.5	342	345	346	343	340
80.0	258	261	262	259	256
82.5	180	182	184	183	181
85.0	114	114	116	117	115
87.5	55	57	59	58	58
90.0	0	0	0	0	0

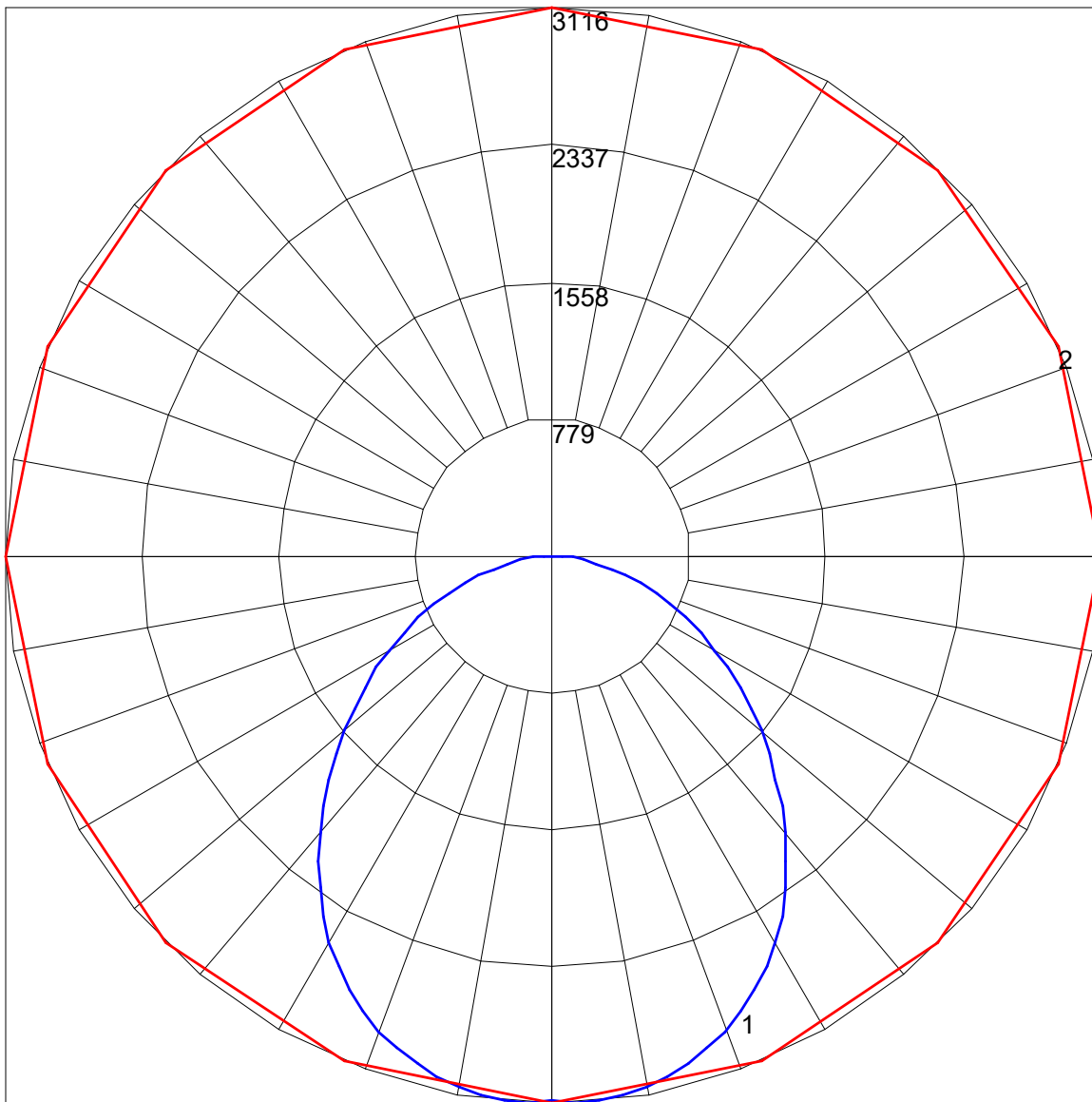
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

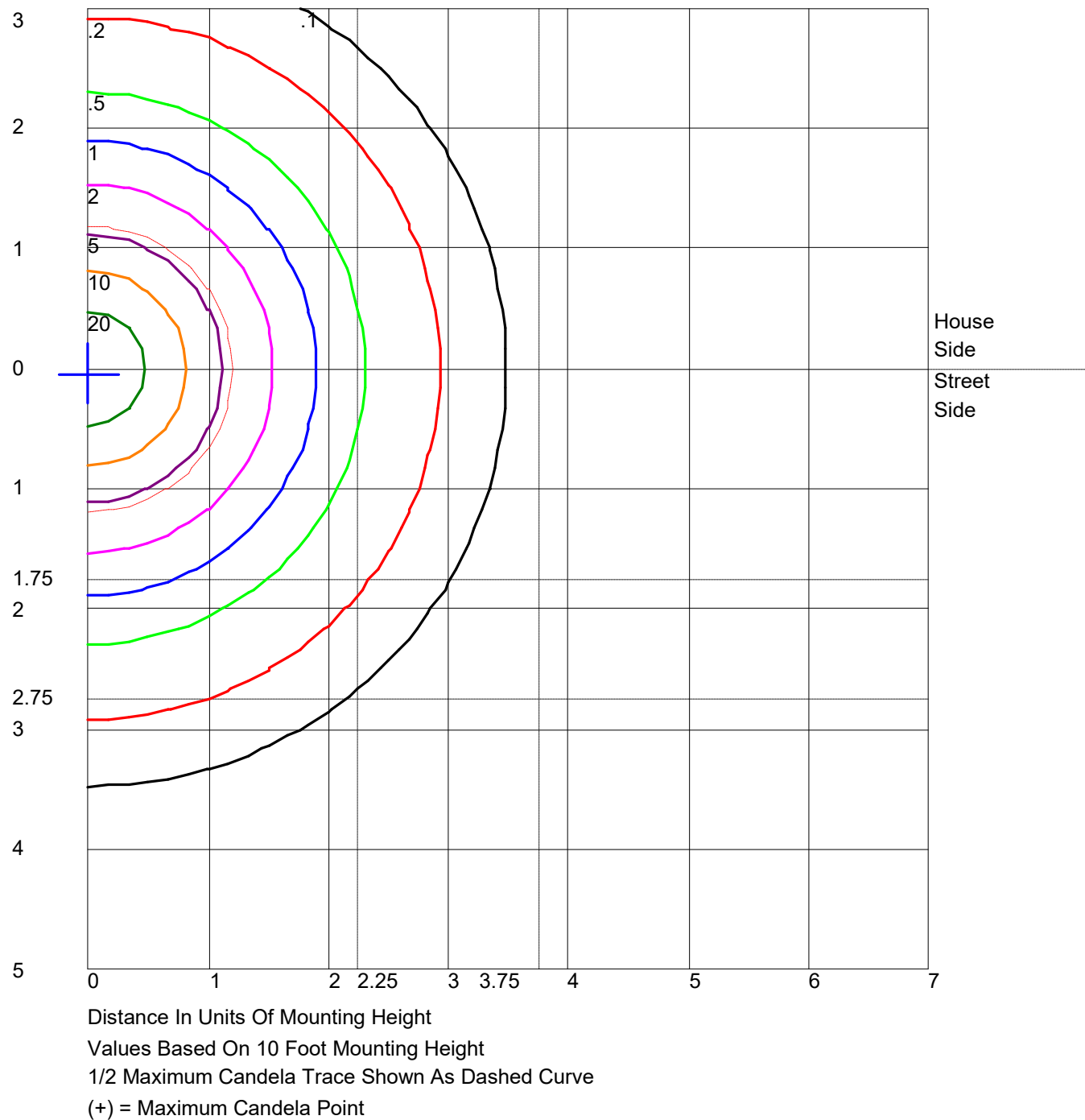
	Lumens	Percent Of Luminaire
Downward Street Side	3926.5	50.0
Downward House Side	3926.5	50.0
Downward Total	7853.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	7853.0	100.0

POLAR GRAPH

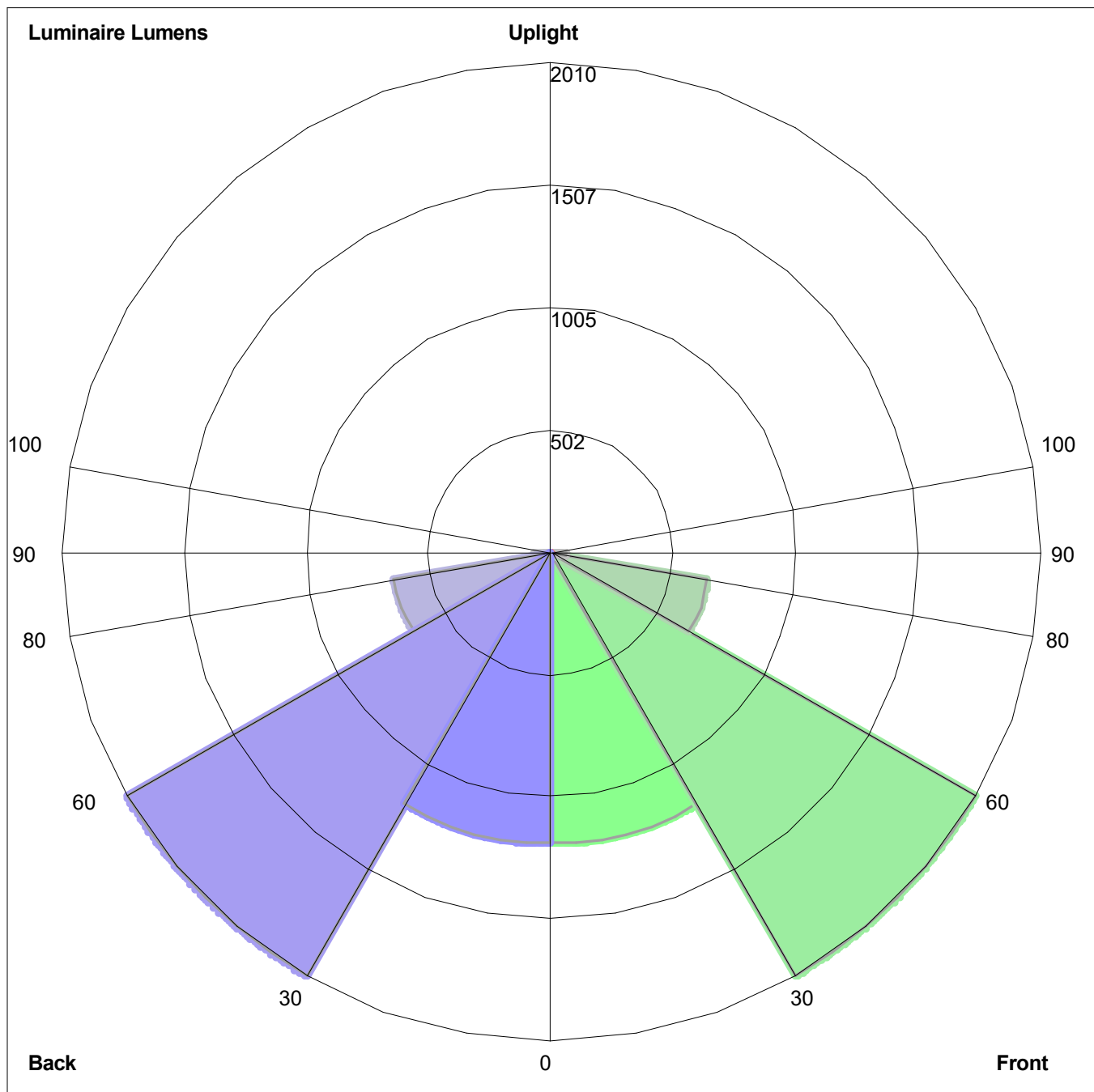


Maximum Candela = 3116 Located At Horizontal Angle = 0, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1197.2, Medium= 2010.0, High=653.3, Very High=66.0  
Back: Low=1197.2, Medium= 2010.0, High=653.3, Very High=66.0  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1