



IES ROAD REPORT

PHOTOMETRIC FILENAME : XSPS-S-LED-HO-NW-DFL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-12741

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 05/10/2021

[TEST DATE] 04/27/21

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] XSPS-S-LED-HO-NW-DFL

[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

[OTHER] TEST PROCEDURE: IESNA LM-79-08

[SEARCH_SOURCETYPE] LED

[SEARCH_APPLICATION] Outdoor

[SEARCH_COLORTEMP] 4000

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5011
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	39.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1995
Maximum Candela Angle	90H 2.5V
Maximum Candela (<90 Degrees Vertical)	1995
Maximum Candela Angle (<90 Degrees Vertical)	90H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	165 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

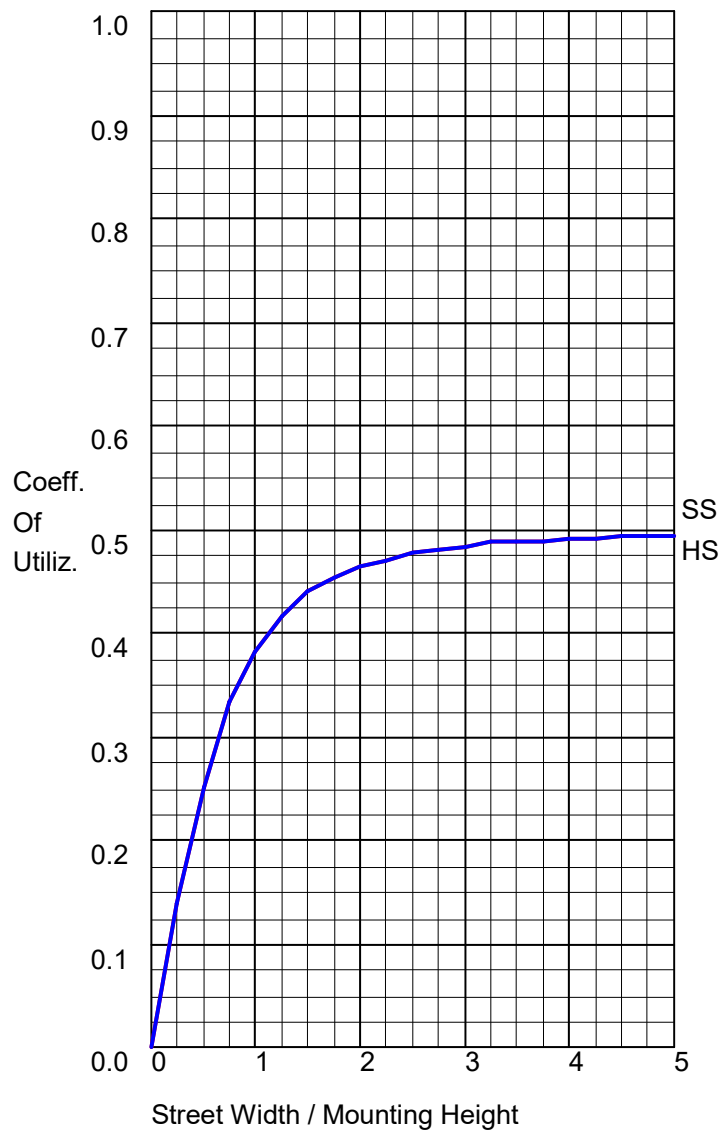
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	767.8	N.A.	15.3
FM - Front-Medium (30-60)	1282.6	N.A.	25.6
FH - Front-High (60-80)	413.2	N.A.	8.2
FVH - Front-Very High (80-90)	41.9	N.A.	0.8
BL - Back-Low (0-30)	767.8	N.A.	15.3
BM - Back-Medium (30-60)	1282.6	N.A.	25.6
BH - Back-High (60-80)	413.2	N.A.	8.2
BVH - Back-Very High (80-90)	41.9	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	5011.0	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	1991	1991	1991	1991	1991
2.5	1995	1995	1994	1994	1995
5.0	1993	1992	1991	1991	1993
7.5	1984	1983	1982	1983	1984
10.0	1969	1969	1967	1968	1969
12.5	1948	1948	1947	1948	1948
15.0	1921	1922	1920	1919	1920
17.5	1888	1889	1886	1886	1887
20.0	1848	1849	1847	1847	1848
22.5	1801	1802	1801	1802	1803
25.0	1749	1750	1750	1751	1751
27.5	1691	1690	1693	1694	1694
30.0	1622	1624	1628	1630	1630
32.5	1550	1553	1557	1559	1560
35.0	1474	1477	1482	1484	1484
37.5	1395	1398	1404	1404	1401
40.0	1315	1318	1322	1322	1321
42.5	1234	1238	1242	1242	1237
45.0	1152	1156	1161	1159	1156
47.5	1071	1075	1079	1076	1075
50.0	991	993	996	996	994
52.5	907	913	917	916	915
55.0	829	833	839	838	836
57.5	753	753	761	760	759
60.0	675	679	685	685	685
62.5	603	607	612	611	609
65.0	533	536	541	540	538
67.5	465	468	472	467	465
70.0	399	402	404	401	399
72.5	333	337	338	338	336
75.0	272	276	277	276	275
77.5	213	215	218	218	217
80.0	160	162	164	165	164
82.5	113	115	117	117	115
85.0	72	73	75	74	71
87.5	37	38	38	36	35
90.0	0	0	0	0	0

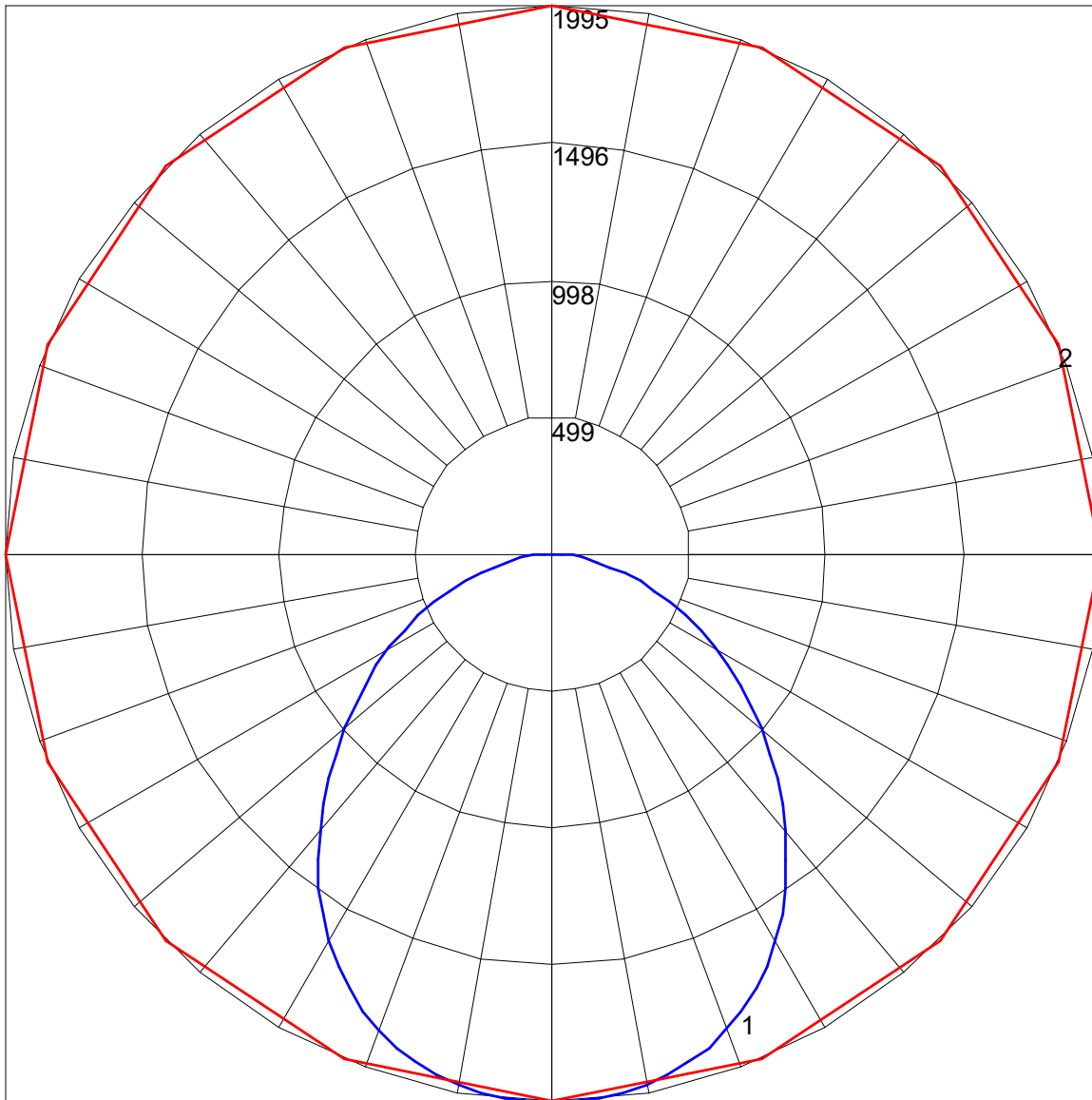
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

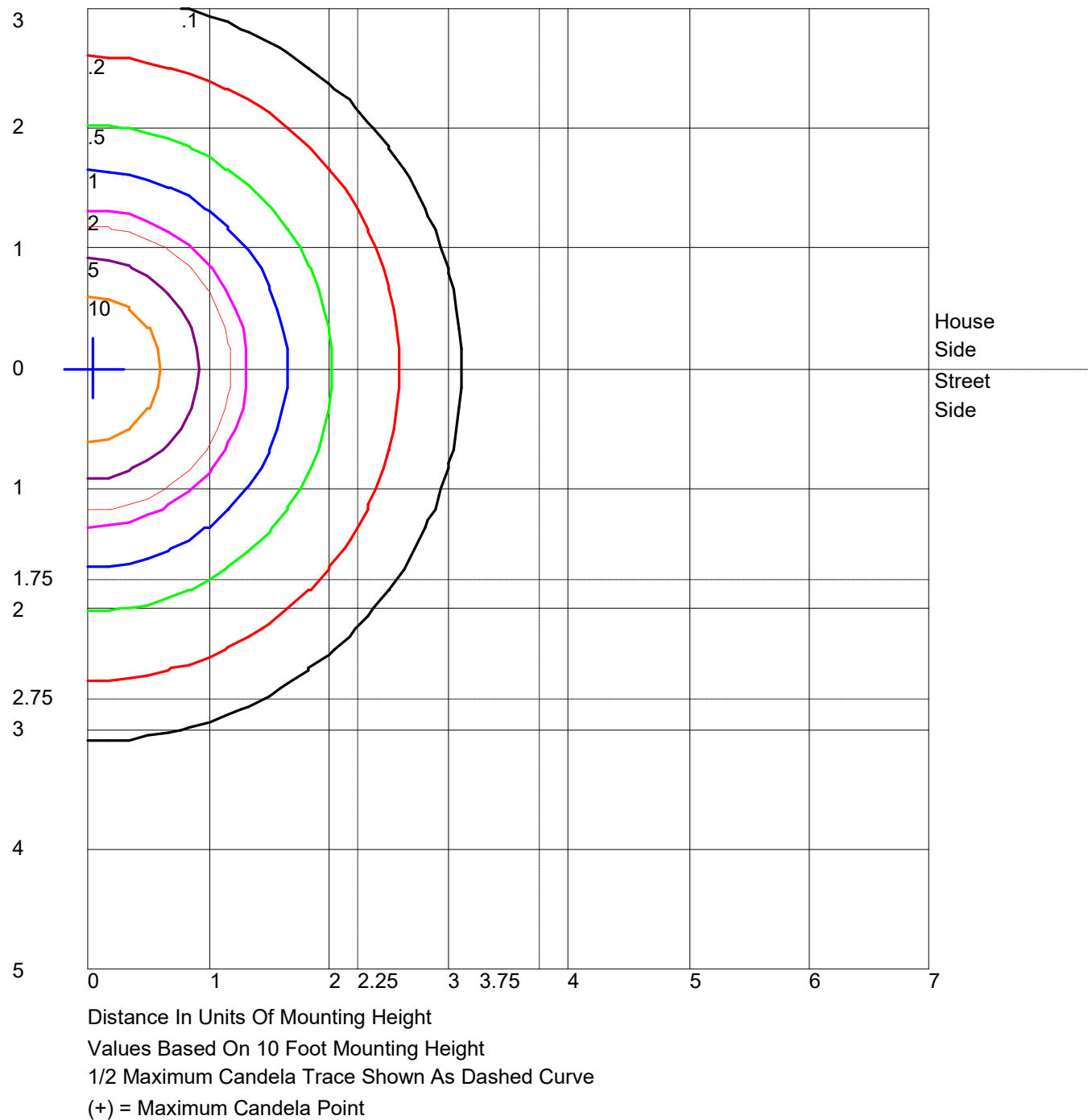
	Lumens	Percent Of Luminaire
Downward Street Side	2505.5	50.0
Downward House Side	2505.5	50.0
Downward Total	5011.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5011.0	100.0

POLAR GRAPH

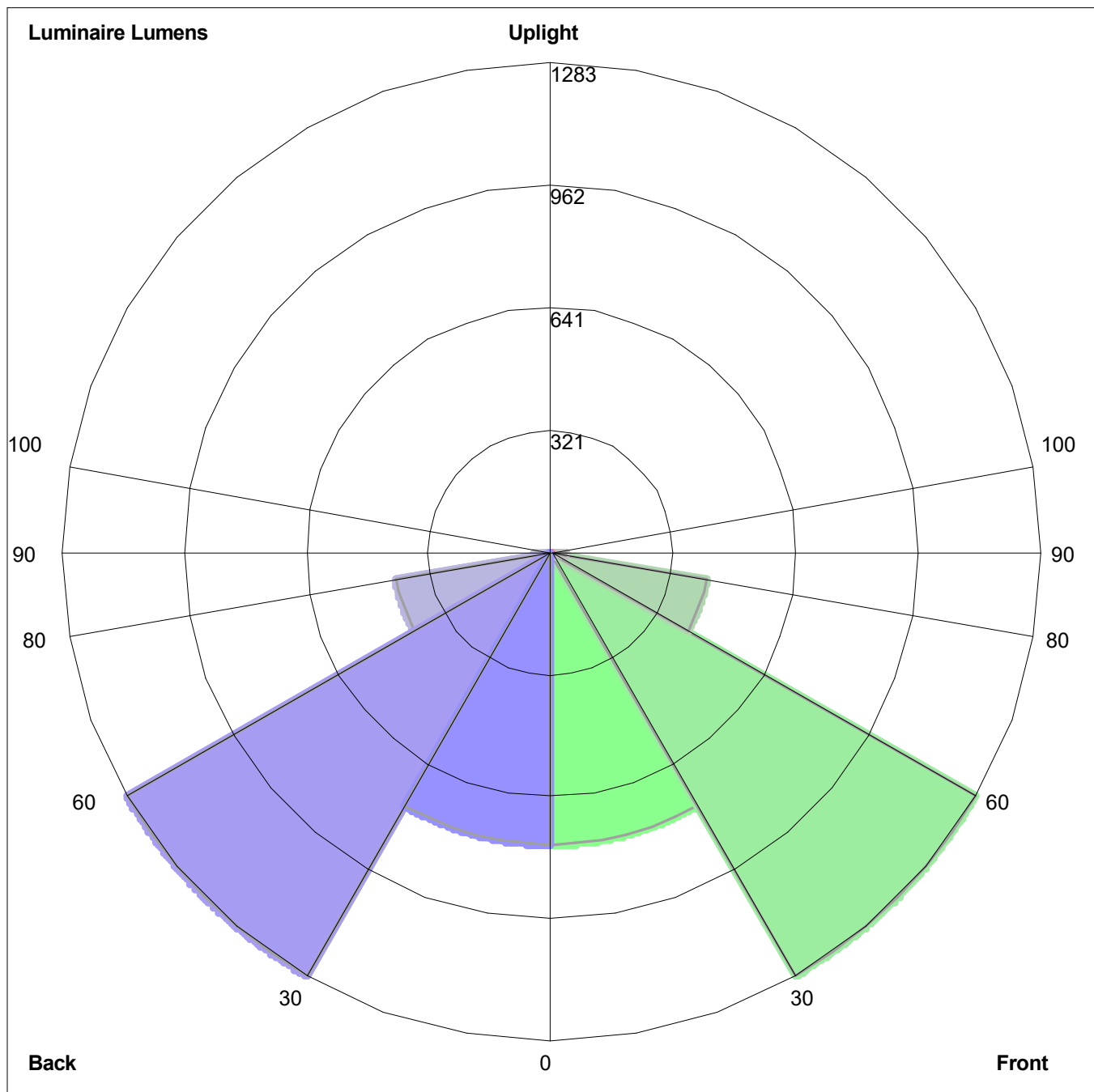


Maximum Candela = 1995 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=767.8, Medium=1282.6, High=413.2, Very High=41.9
Back: Low=767.8, Medium=1282.6, High=413.2, Very High=41.9
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1