



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12741
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 05/10/2021
[TESTDATE] 04/27/21
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] XSPS-S-LED-HO-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	4756
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	39.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1893
Maximum Candela Angle	90H 2.5V
Maximum Candela (<90 Degrees Vertical)	1893
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	157 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

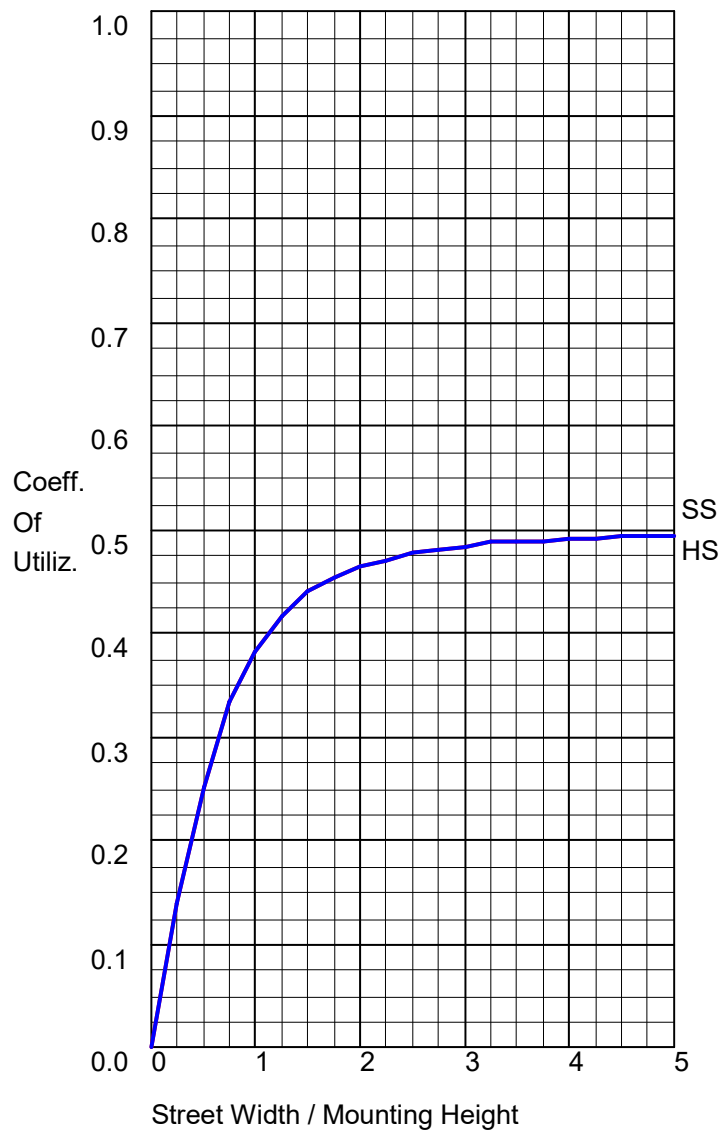
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	728.7	N.A.	15.3
FM - Front-Medium (30-60)	1217.2	N.A.	25.6
FH - Front-High (60-80)	392.2	N.A.	8.2
FVH - Front-Very High (80-90)	39.7	N.A.	0.8
BL - Back-Low (0-30)	728.7	N.A.	15.3
BM - Back-Medium (30-60)	1217.2	N.A.	25.6
BH - Back-High (60-80)	392.2	N.A.	8.2
BVH - Back-Very High (80-90)	39.7	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	4755.6	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	1890	1890	1890	1890	1890
2.5	1893	1893	1892	1892	1893
5.0	1891	1890	1890	1890	1891
7.5	1883	1882	1881	1882	1883
10.0	1869	1869	1867	1868	1869
12.5	1849	1849	1848	1849	1849
15.0	1823	1824	1822	1821	1822
17.5	1792	1793	1790	1790	1791
20.0	1754	1755	1753	1753	1754
22.5	1709	1710	1709	1710	1711
25.0	1660	1661	1661	1662	1662
27.5	1605	1604	1607	1608	1608
30.0	1539	1541	1545	1547	1547
32.5	1471	1474	1478	1480	1480
35.0	1399	1402	1406	1408	1408
37.5	1324	1327	1332	1332	1330
40.0	1248	1251	1255	1255	1254
42.5	1171	1175	1179	1179	1174
45.0	1093	1097	1102	1100	1097
47.5	1016	1020	1024	1021	1020
50.0	940	942	945	945	943
52.5	861	866	870	869	868
55.0	787	791	796	795	793
57.5	715	715	722	721	720
60.0	641	644	650	650	650
62.5	572	576	581	580	578
65.0	506	509	513	512	511
67.5	441	444	448	443	441
70.0	379	382	383	381	379
72.5	316	320	321	321	319
75.0	258	262	263	262	261
77.5	202	204	207	207	206
80.0	152	154	156	157	156
82.5	107	109	111	111	109
85.0	68	69	71	70	67
87.5	35	36	36	34	33
90.0	0	0	0	0	0

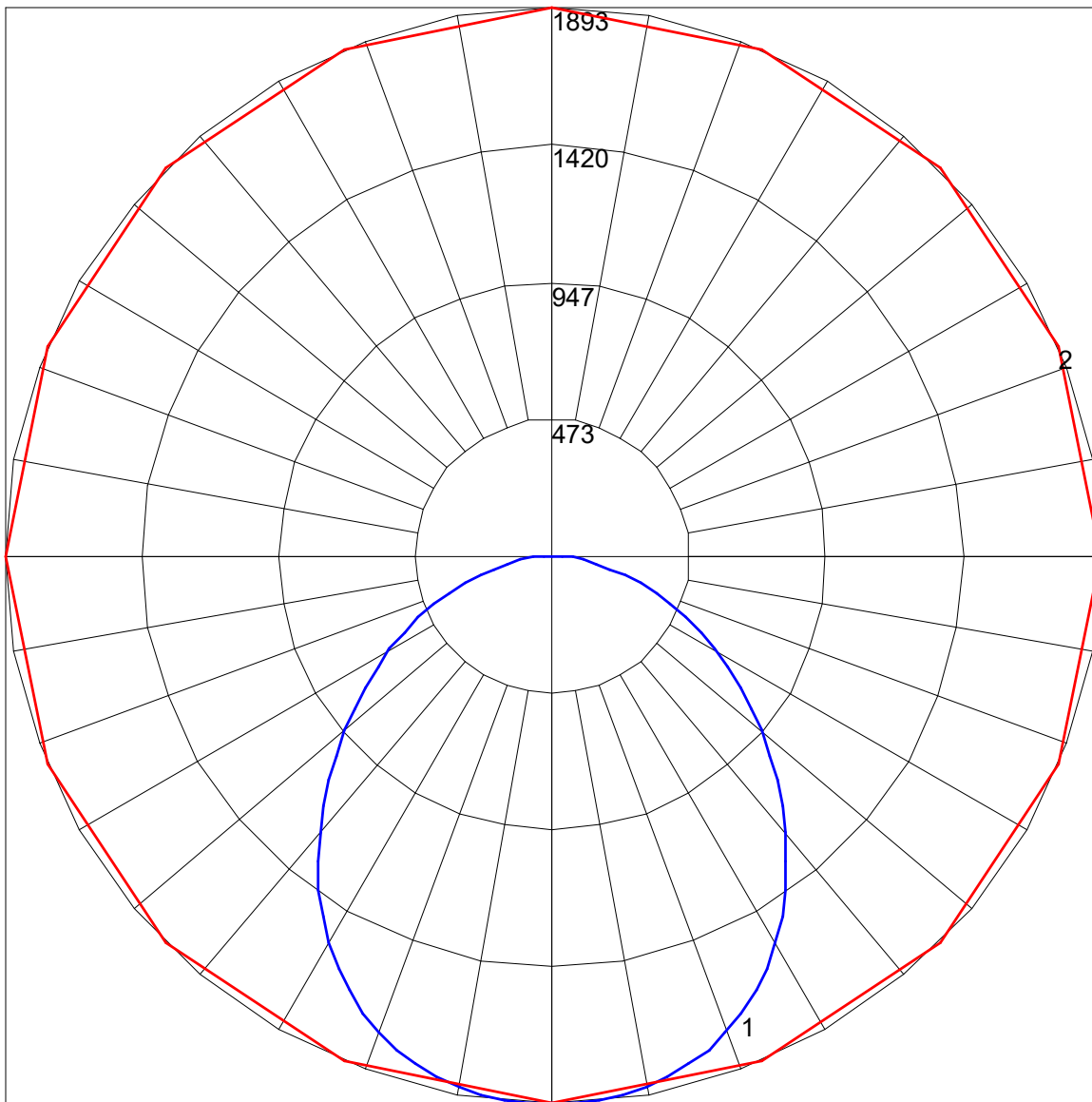
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

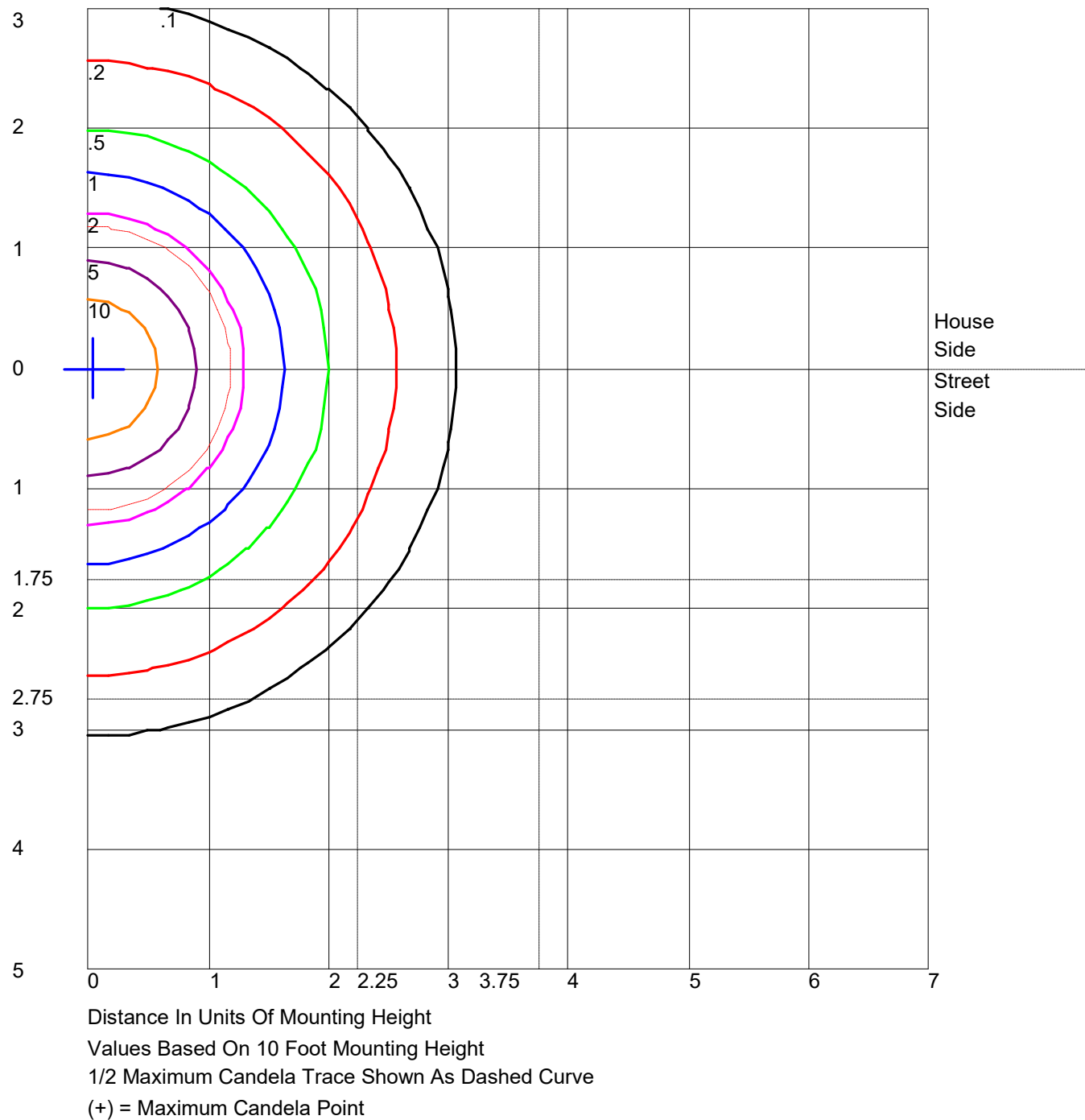
	Lumens	Percent Of Luminaire
Downward Street Side	2377.8	50.0
Downward House Side	2377.8	50.0
Downward Total	4755.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	4755.6	100.0

POLAR GRAPH

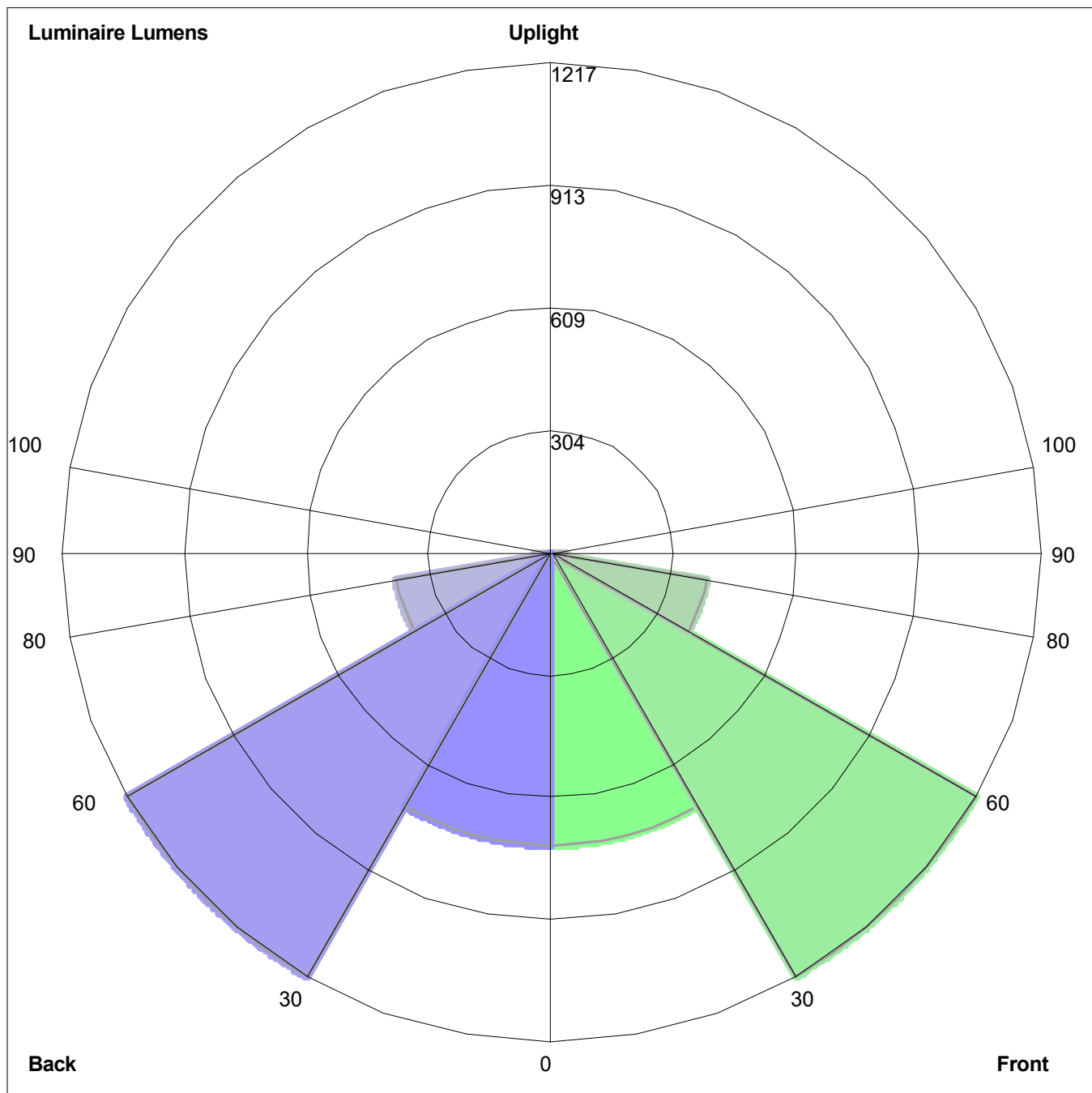


Maximum Candela = 1893 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=728.7, Medium=1217.2, High=392.2, Very High=39.7
Back: Low=728.7, Medium=1217.2, High=392.2, Very High=39.7
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1