



## IES ROAD REPORT

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

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] LED-12743  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUEDATE] 05/10/2021  
[TESTDATE] 04/27/21  
[MANUFAC] LSI INDUSTRIES, INC.  
[LUMCAT] XSPS-S-LED-SS-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	3816
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	31.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1521
Maximum Candela Angle	90H 2.5V
Maximum Candela (<90 Degrees Vertical)	1521
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	125 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

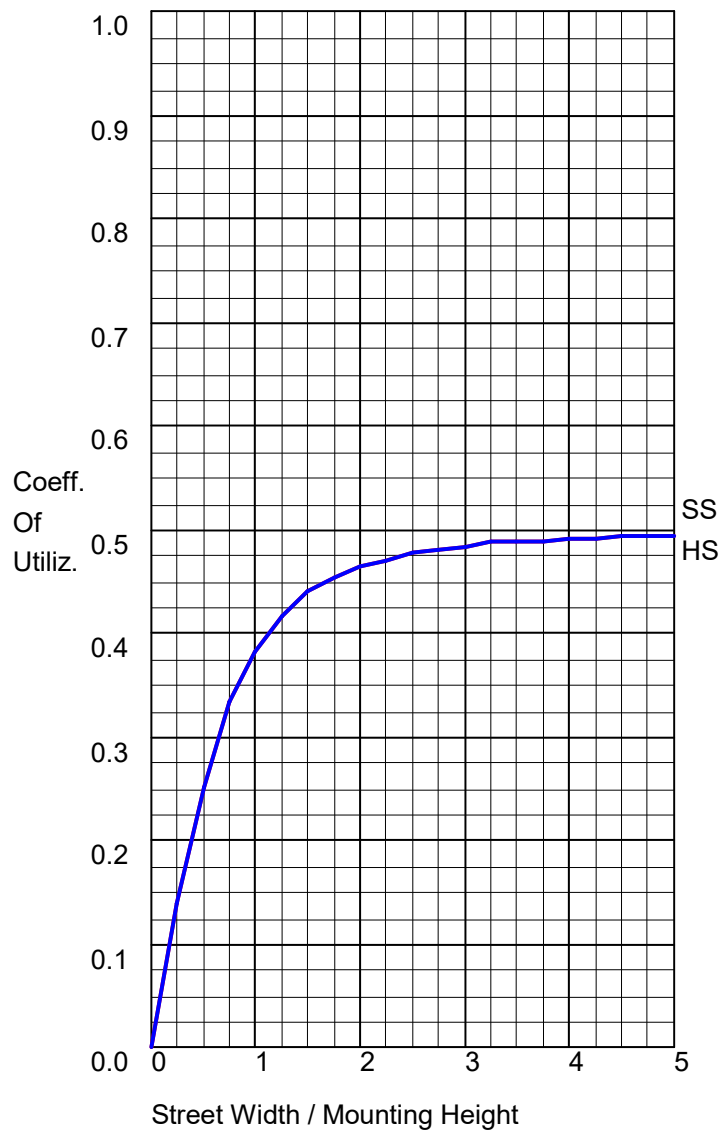
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	585.4	N.A.	15.3
FM - Front-Medium (30-60)	977.0	N.A.	25.6
FH - Front-High (60-80)	314.0	N.A.	8.2
FVH - Front-Very High (80-90)	31.9	N.A.	0.8
BL - Back-Low (0-30)	585.4	N.A.	15.3
BM - Back-Medium (30-60)	977.0	N.A.	25.6
BH - Back-High (60-80)	314.0	N.A.	8.2
BVH - Back-Very High (80-90)	31.9	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	3816.6	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	1517	1517	1517	1517	1517
2.5	1520	1520	1519	1520	1521
5.0	1518	1518	1517	1518	1519
7.5	1511	1512	1511	1512	1513
10.0	1500	1500	1499	1500	1501
12.5	1484	1485	1484	1484	1485
15.0	1464	1465	1464	1464	1464
17.5	1439	1440	1439	1439	1440
20.0	1408	1409	1408	1408	1409
22.5	1374	1374	1373	1374	1374
25.0	1333	1335	1334	1335	1335
27.5	1289	1289	1291	1292	1292
30.0	1239	1239	1242	1242	1243
32.5	1182	1184	1187	1187	1189
35.0	1124	1126	1130	1130	1131
37.5	1064	1066	1069	1071	1069
40.0	1001	1005	1008	1008	1007
42.5	940	942	946	945	942
45.0	878	881	884	882	881
47.5	816	819	822	820	819
50.0	754	755	758	758	757
52.5	690	696	698	698	696
55.0	631	633	639	638	637
57.5	570	573	579	579	578
60.0	513	516	522	521	521
62.5	458	461	465	464	462
65.0	405	408	411	410	406
67.5	353	356	359	355	353
70.0	304	306	307	305	303
72.5	252	256	257	256	254
75.0	207	208	211	210	208
77.5	164	163	166	165	165
80.0	122	124	125	125	125
82.5	86	88	89	88	87
85.0	55	56	57	56	54
87.5	28	29	29	28	27
90.0	0	0	0	0	0

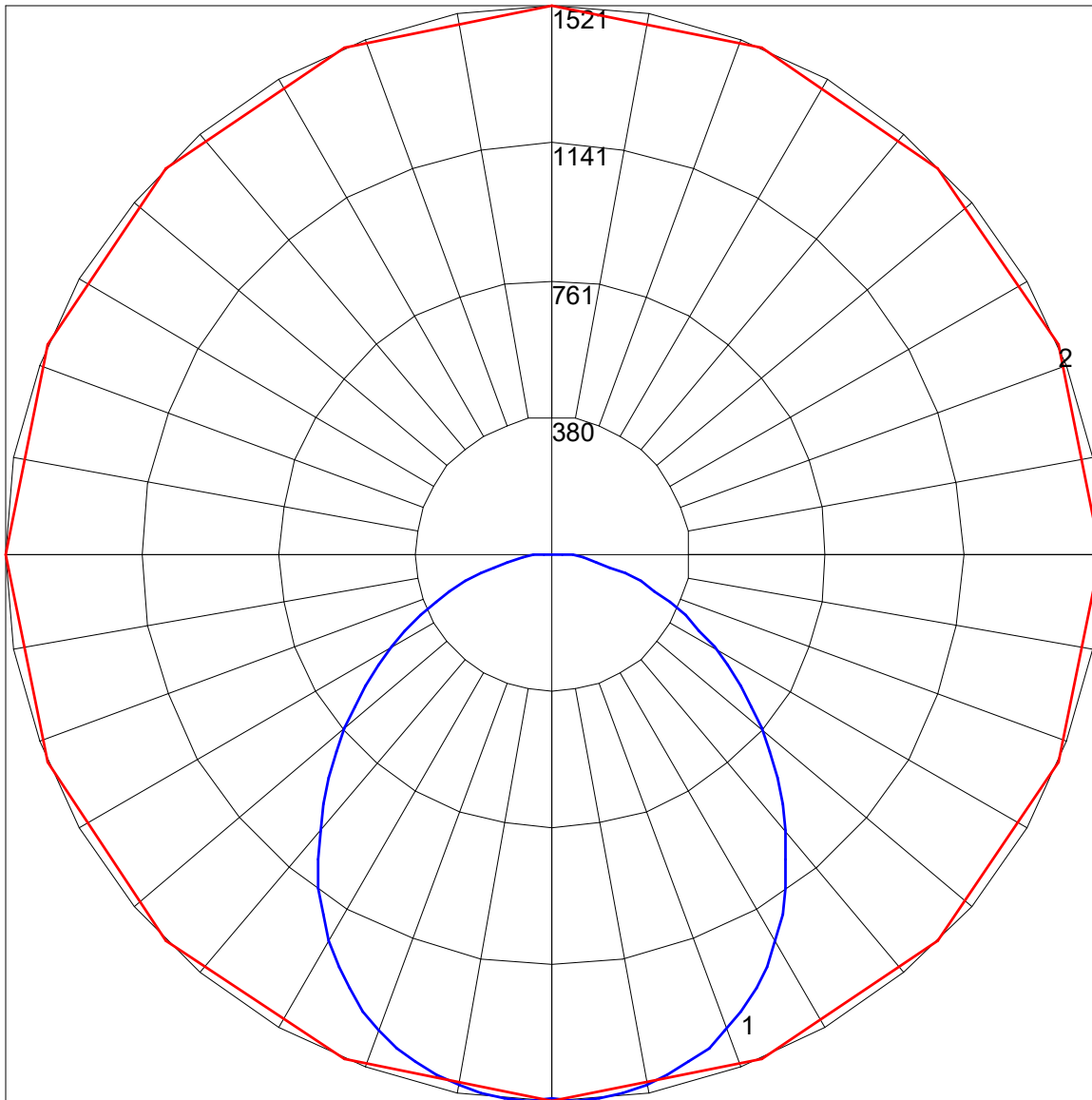
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

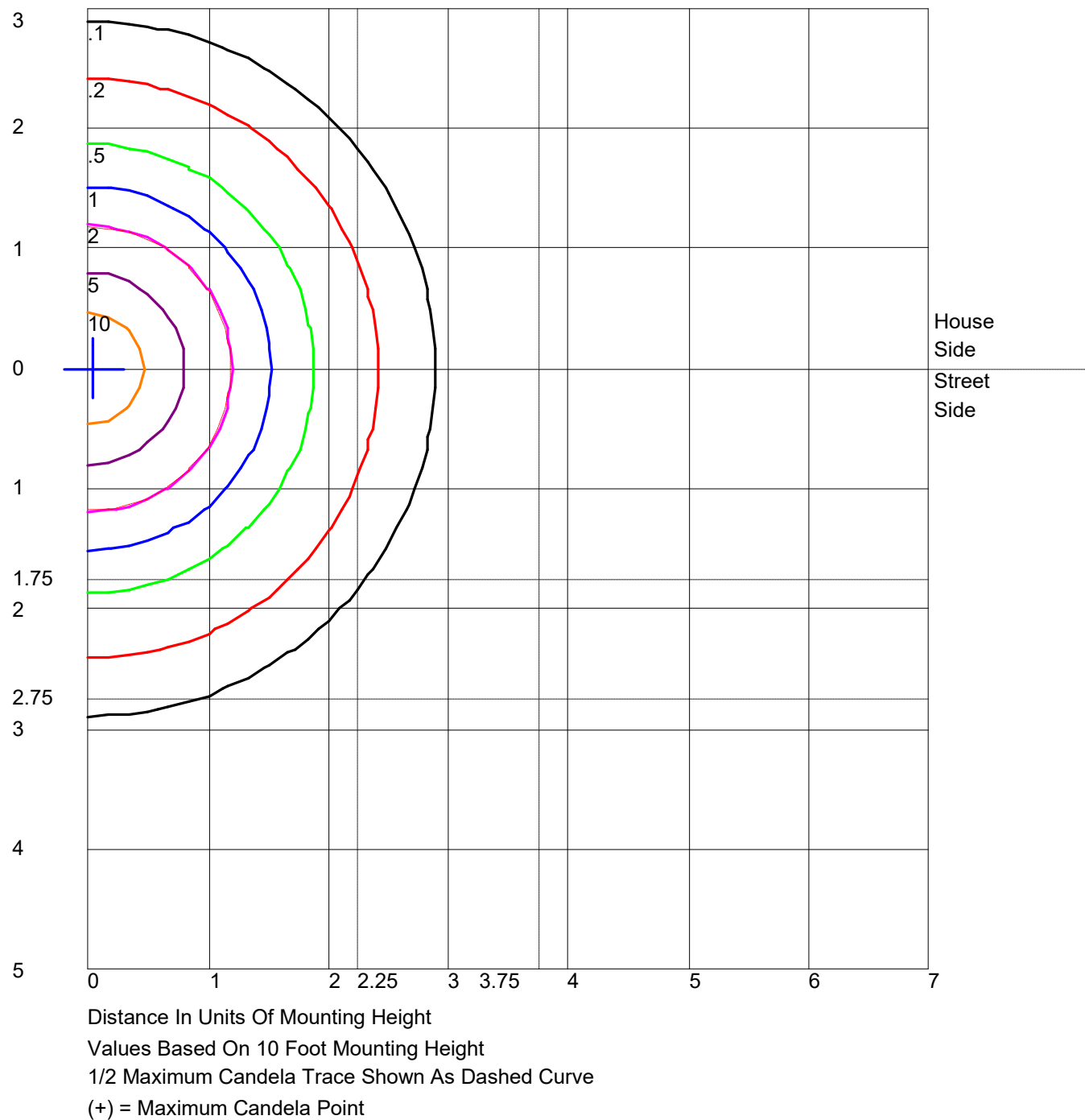
	Lumens	Percent Of Luminaire
Downward Street Side	1908.2	50.0
Downward House Side	1908.2	50.0
Downward Total	3816.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3816.4	100.0

POLAR GRAPH

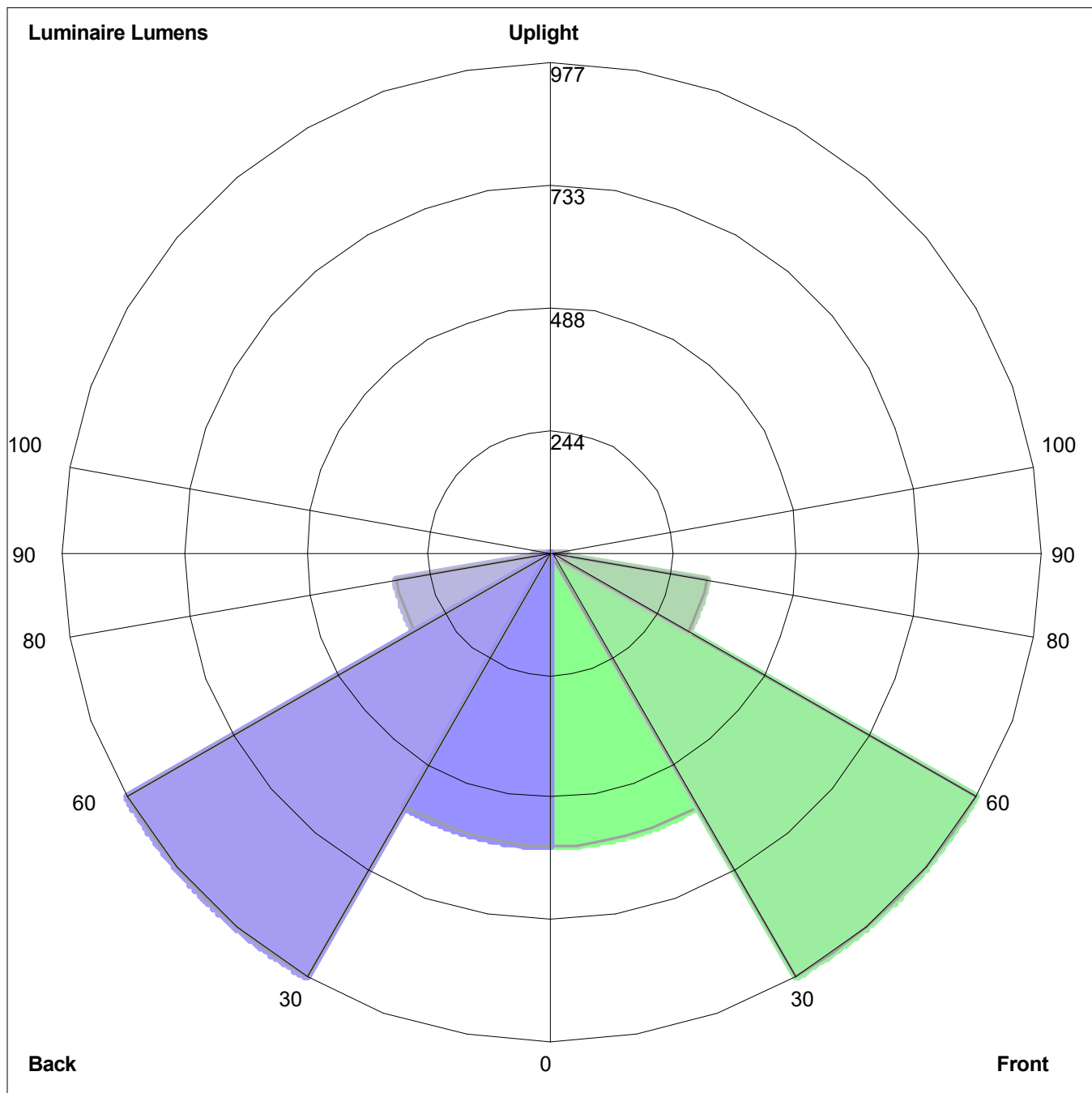


Maximum Candela = 1521 Located At Horizontal Angle = 90, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=585.4, Medium=977.0, High=314.0, Very High=31.9  
Back: Low=585.4, Medium=977.0, High=314.0, Very High=31.9  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1