



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12743
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 05/10/2021
[TEST DATE] 04/27/21
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] XSPS-S-LED-SS-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	3966
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	31.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1581
Maximum Candela Angle	90H 2.5V
Maximum Candela (<90 Degrees Vertical)	1581
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	130 (3.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

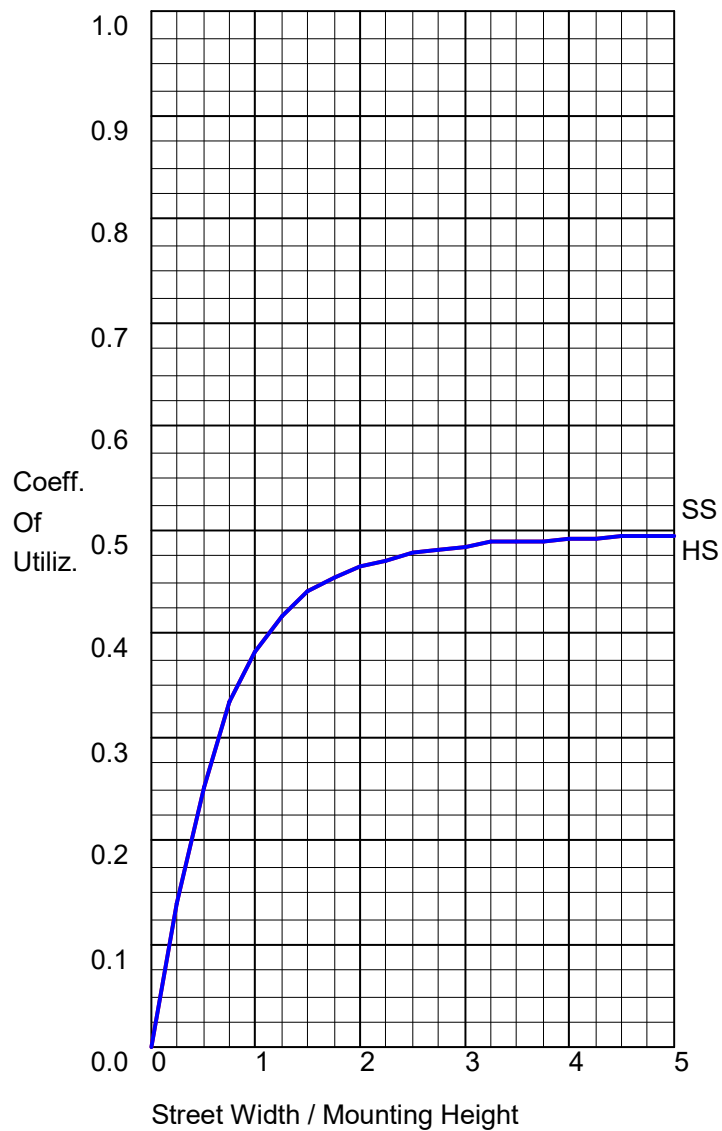
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	608.3	N.A.	15.3
FM - Front-Medium (30-60)	1015.2	N.A.	25.6
FH - Front-High (60-80)	326.3	N.A.	8.2
FVH - Front-Very High (80-90)	33.3	N.A.	0.8
BL - Back-Low (0-30)	608.3	N.A.	15.3
BM - Back-Medium (30-60)	1015.2	N.A.	25.6
BH - Back-High (60-80)	326.3	N.A.	8.2
BVH - Back-Very High (80-90)	33.3	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	3966.2	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	1577	1577	1577	1577	1577
2.5	1580	1580	1579	1580	1581
5.0	1578	1578	1577	1578	1579
7.5	1570	1571	1570	1571	1572
10.0	1559	1559	1558	1559	1560
12.5	1542	1543	1542	1542	1543
15.0	1522	1523	1522	1522	1522
17.5	1495	1496	1495	1495	1496
20.0	1463	1464	1463	1463	1464
22.5	1428	1428	1427	1428	1428
25.0	1385	1387	1386	1387	1387
27.5	1339	1339	1341	1342	1342
30.0	1288	1288	1291	1291	1292
32.5	1229	1231	1234	1234	1236
35.0	1168	1170	1174	1174	1175
37.5	1105	1107	1110	1112	1110
40.0	1040	1044	1047	1047	1046
42.5	976	979	983	982	979
45.0	912	915	919	916	915
47.5	848	851	854	852	851
50.0	783	785	788	788	787
52.5	717	723	726	725	723
55.0	656	658	664	663	662
57.5	593	596	602	602	601
60.0	533	536	542	541	541
62.5	476	479	483	482	480
65.0	421	424	427	426	422
67.5	367	370	373	369	367
70.0	316	318	319	317	315
72.5	262	266	267	266	264
75.0	215	216	219	218	216
77.5	171	170	173	172	172
80.0	127	129	130	130	130
82.5	90	92	93	92	91
85.0	57	58	59	58	56
87.5	30	31	31	29	28
90.0	0	0	0	0	0

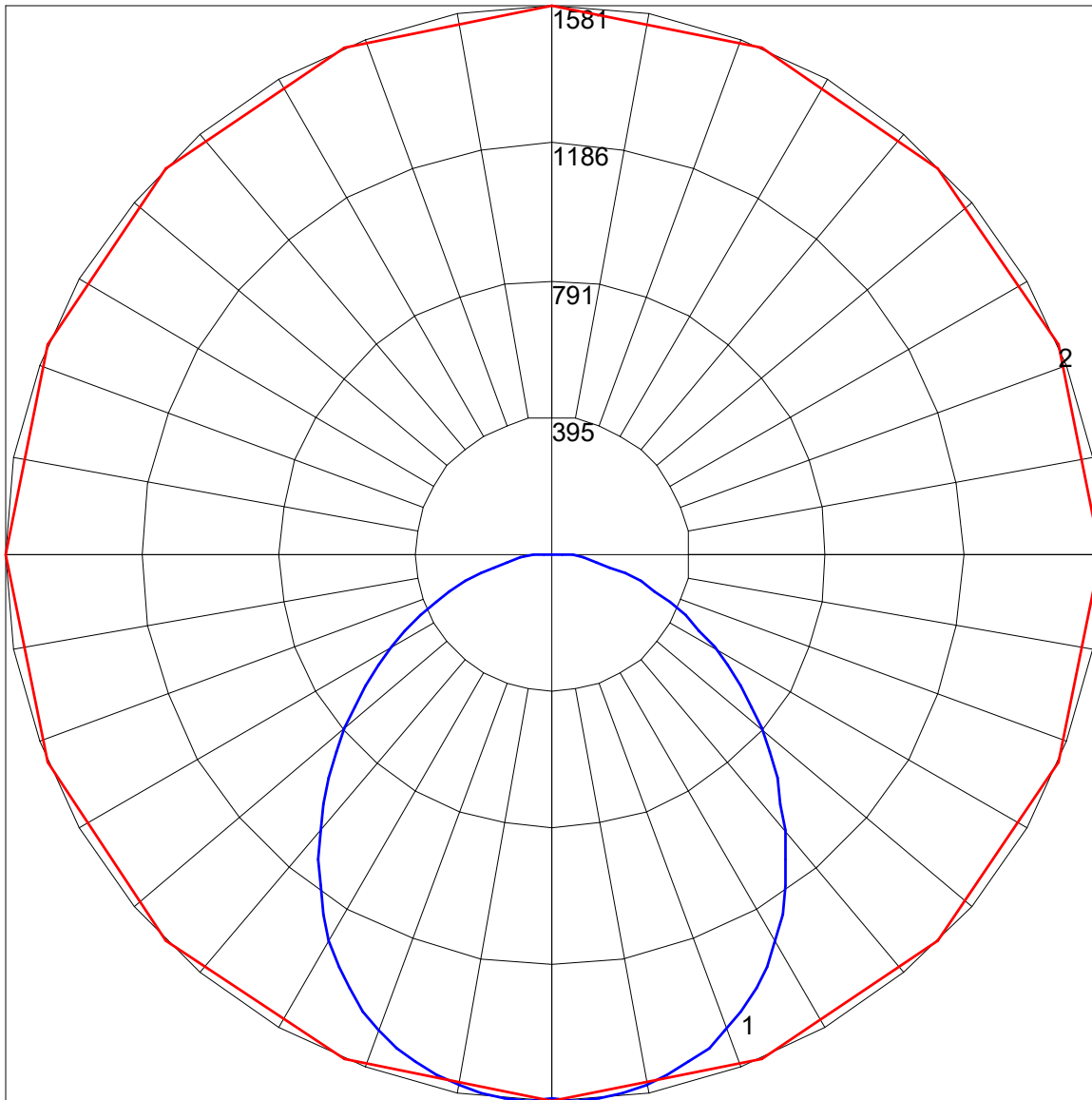
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

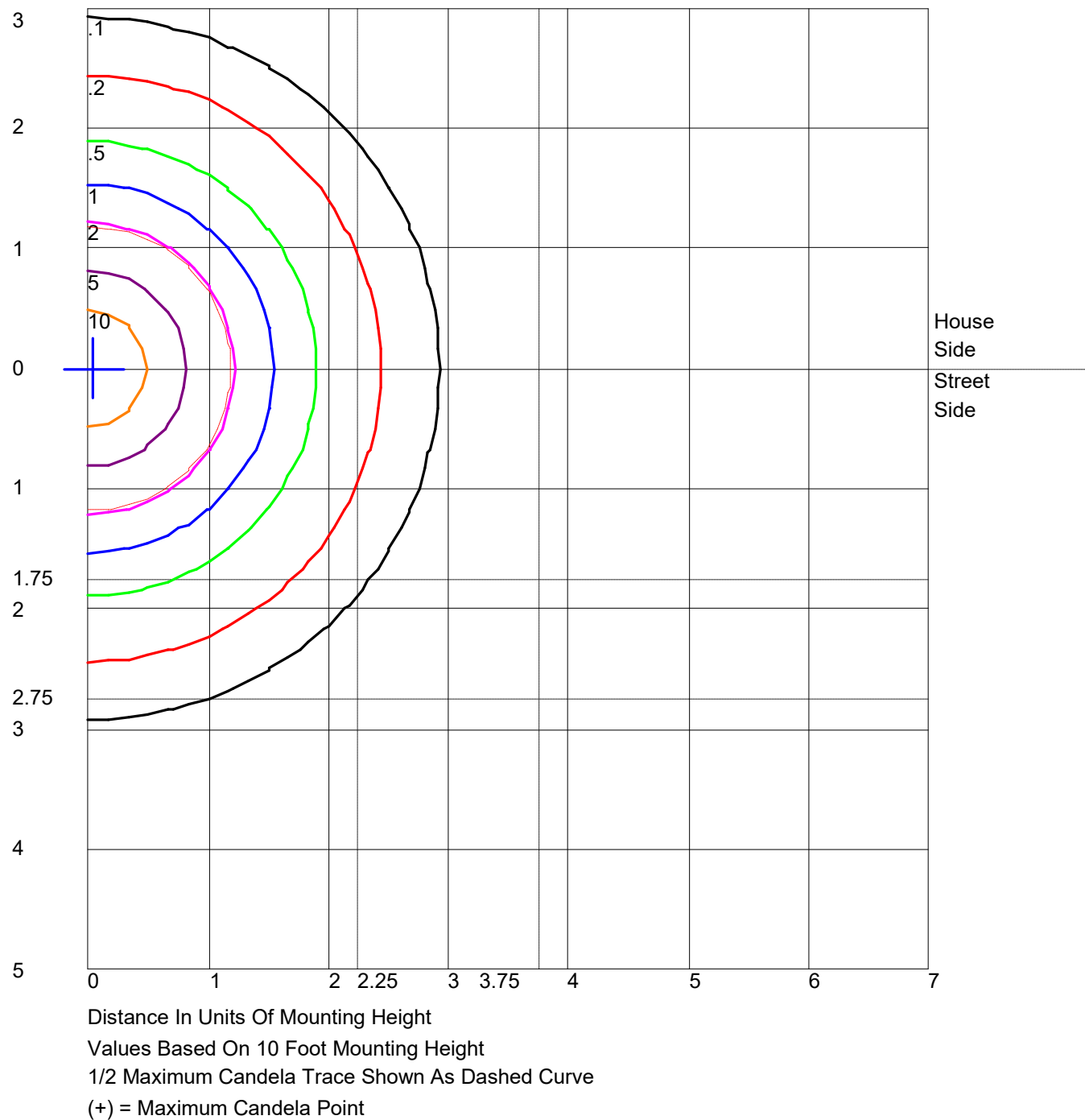
	Lumens	Percent Of Luminaire
Downward Street Side	1983.0	50.0
Downward House Side	1983.0	50.0
Downward Total	3966.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3966.0	100.0

POLAR GRAPH

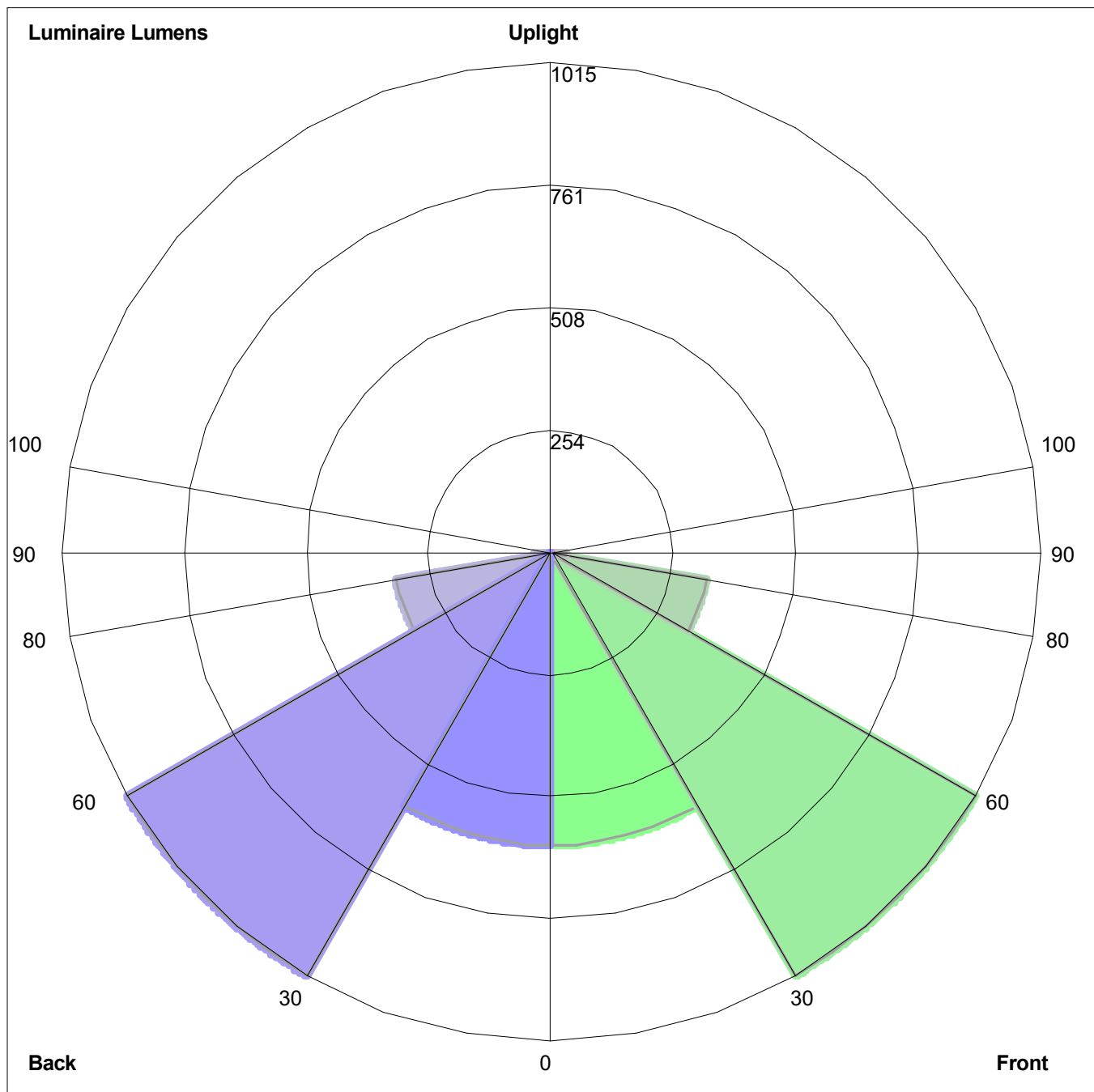


Maximum Candela = 1581 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=608.3, Medium=1015.2, High=326.3, Very High=33.3
Back: Low=608.3, Medium=1015.2, High=326.3, Very High=33.3
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1