



IES ROAD REPORT

PHOTOMETRIC FILENAME : SCM-LED-15L-SC-30.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-11865

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 06/02/20

[TEST DATE] 05/27/20

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] SCM-LED-15L-SC-30

[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

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13927
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	111.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4785
Maximum Candela Angle	90H 5V
Maximum Candela (<90 Degrees Vertical)	4785
Maximum Candela Angle (<90 Degrees Vertical)	90H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	256 (1.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

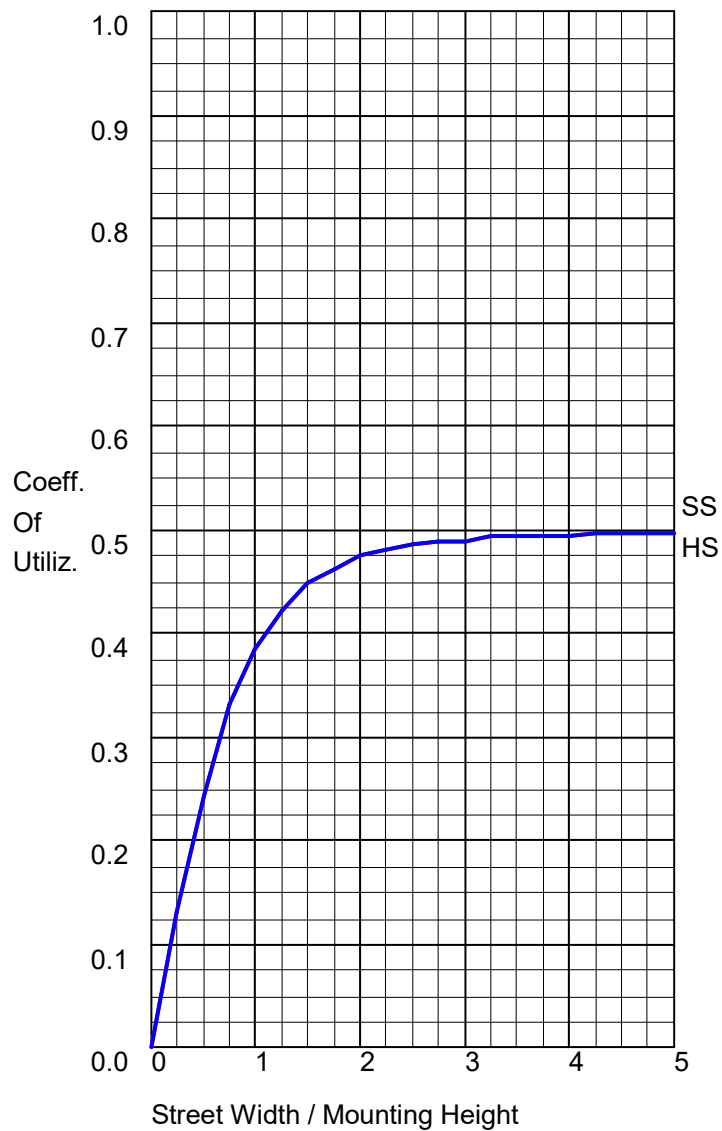
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1928.0	N.A.	13.8
FM - Front-Medium (30-60)	3916.3	N.A.	28.1
FH - Front-High (60-80)	1066.8	N.A.	7.7
FVH - Front-Very High (80-90)	52.2	N.A.	0.4
BL - Back-Low (0-30)	1928.0	N.A.	13.8
BM - Back-Medium (30-60)	3916.3	N.A.	28.1
BH - Back-High (60-80)	1066.8	N.A.	7.7
BVH - Back-Very High (80-90)	52.2	N.A.	0.4
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13926.6	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	4727	4727	4727	4727	4727
2.5	4761	4724	4744	4715	4780
5.0	4768	4732	4730	4712	4785
7.5	4764	4722	4731	4707	4784
10.0	4761	4710	4717	4688	4777
12.5	4734	4701	4695	4680	4756
15.0	4704	4669	4673	4664	4733
17.5	4681	4642	4644	4625	4693
20.0	4646	4605	4599	4591	4656
22.5	4592	4559	4548	4554	4614
25.0	4520	4513	4504	4492	4563
27.5	4473	4437	4429	4429	4480
30.0	4387	4354	4350	4354	4405
32.5	4269	4256	4252	4262	4316
35.0	4162	4137	4142	4151	4204
37.5	4033	4008	4017	4018	4074
40.0	3892	3876	3876	3890	3932
42.5	3734	3721	3730	3743	3784
45.0	3576	3568	3568	3588	3626
47.5	3397	3395	3399	3412	3446
50.0	3216	3208	3216	3228	3252
52.5	3012	3003	3021	3017	3053
55.0	2779	2780	2793	2796	2833
57.5	2521	2522	2546	2553	2587
60.0	2173	2212	2245	2269	2293
62.5	1810	1859	1917	1943	1949
65.0	1463	1527	1592	1595	1574
67.5	1147	1202	1293	1258	1220
70.0	897	926	1007	951	921
72.5	702	707	731	719	711
75.0	531	531	494	535	531
77.5	380	381	347	384	380
80.0	252	252	237	256	254
82.5	148	143	151	145	148
85.0	82	81	78	78	80
87.5	31	33	35	34	31
90.0	0	0	0	0	0

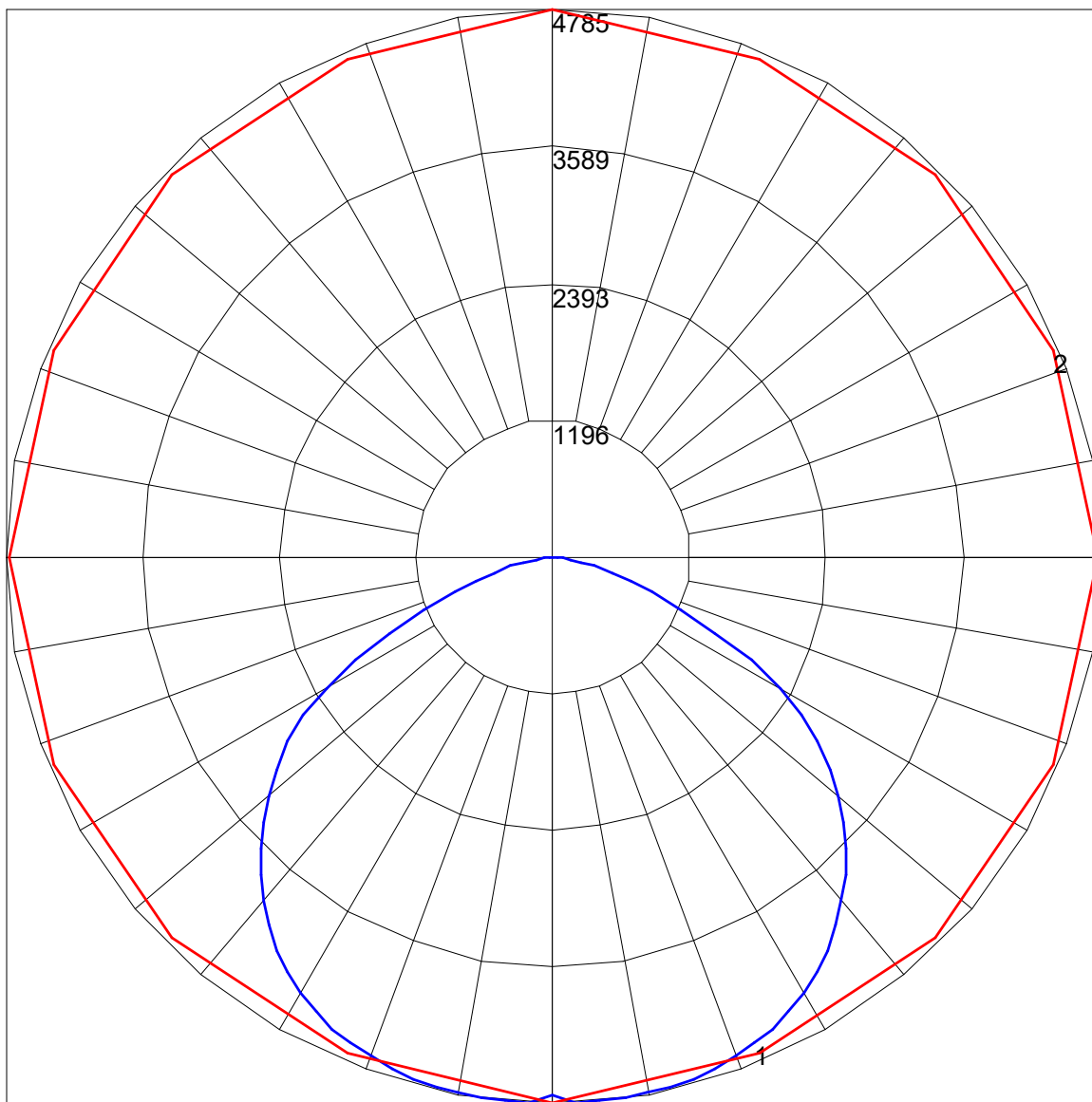
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

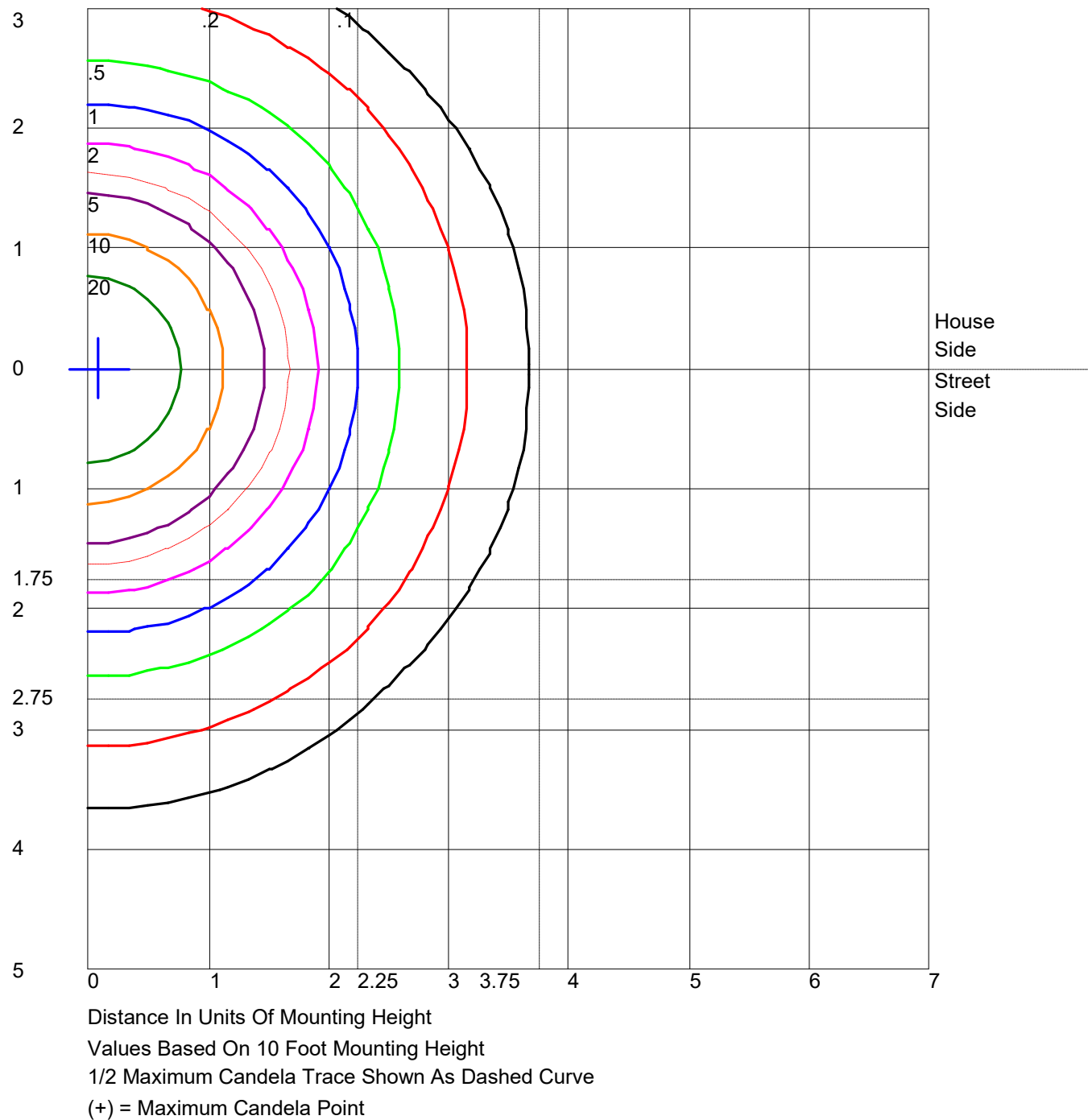
	Lumens	Percent Of Luminaire
Downward Street Side	6963.4	50.0
Downward House Side	6963.4	50.0
Downward Total	13926.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13926.8	100.0

POLAR GRAPH

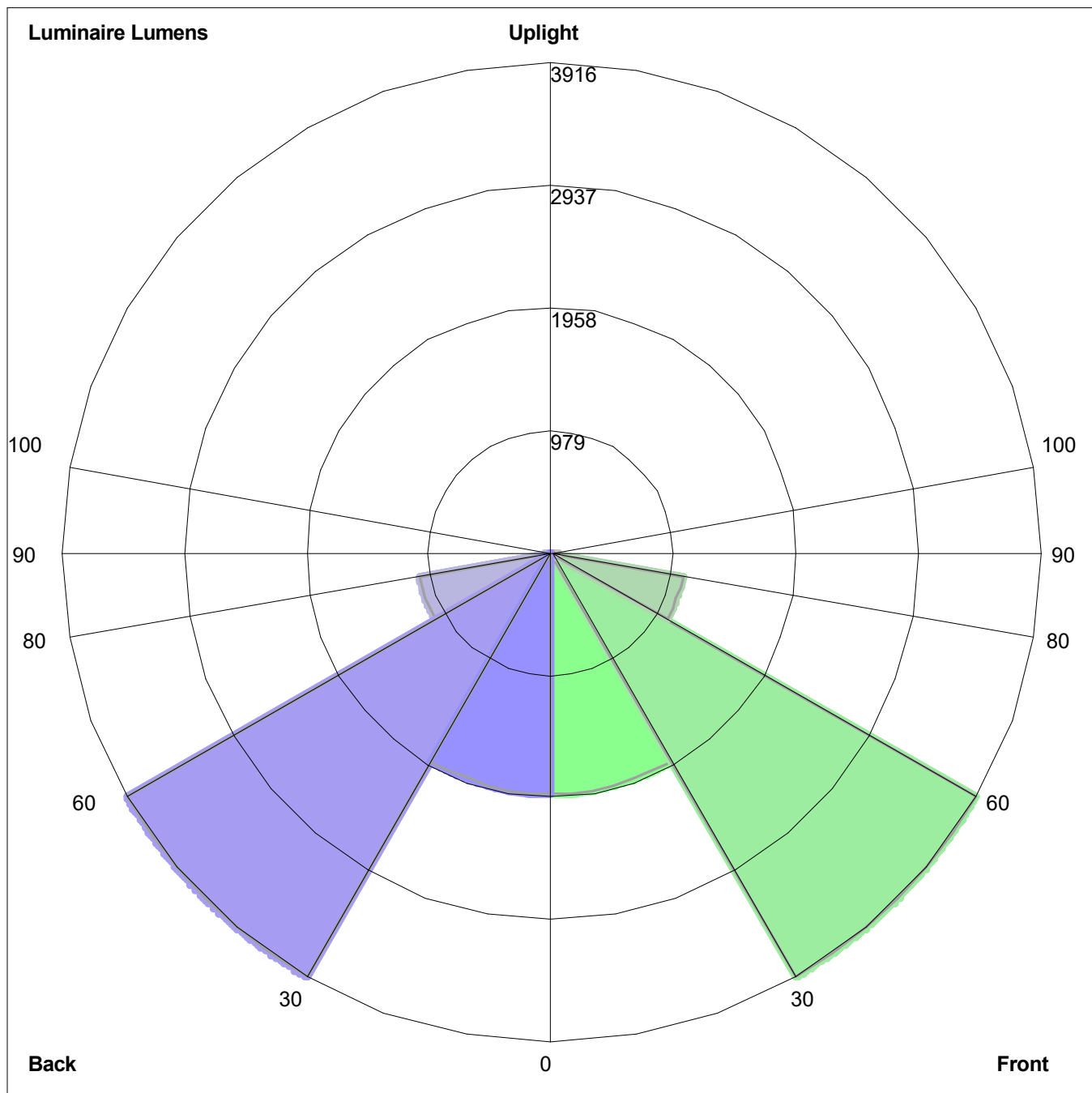


Maximum Candela = 4785 Located At Horizontal Angle = 90, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1928.0, Medium=3916.3, High=1066.8, Very High=52.2
Back: Low= 1928.0, Medium=3916.3, High=1066.8, Very High=52.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1