



IES ROAD REPORT
PHOTOMETRIC FILENAME : FAL-716-15L-35-CGG6-GWT.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12003
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 7/31/2020
[TEST DATE] 07/14/20
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] FAL-716-15L-35-CGG6-GWT
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[OTHER] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor
[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	1337
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	10.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.04
Maximum Candela	1641
Maximum Candela Angle	90H 0V
Maximum Candela (<90 Degrees Vertical)	1641
Maximum Candela Angle (<90 Degrees Vertical)	90H 0V
Maximum Candela At 90 Degrees Vertical	19 (1.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	58 (4.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	197.7	N.A.	14.8
FM - Front-Medium (30-60)	375.2	N.A.	28.1
FH - Front-High (60-80)	45.4	N.A.	3.4
FVH - Front-Very High (80-90)	21.0	N.A.	1.6
BL - Back-Low (0-30)	197.7	N.A.	14.8
BM - Back-Medium (30-60)	375.2	N.A.	28.1
BH - Back-High (60-80)	45.4	N.A.	3.4
BVH - Back-Very High (80-90)	21.0	N.A.	1.6
UL - Uplight-Low (90-100)	17.1	N.A.	1.3
UH - Uplight-High (100-180)	41.7	N.A.	3.1
Total	1337.4	N.A.	100.0
BUG Rating	B1-U2-G1		

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CANDELA TABULATION

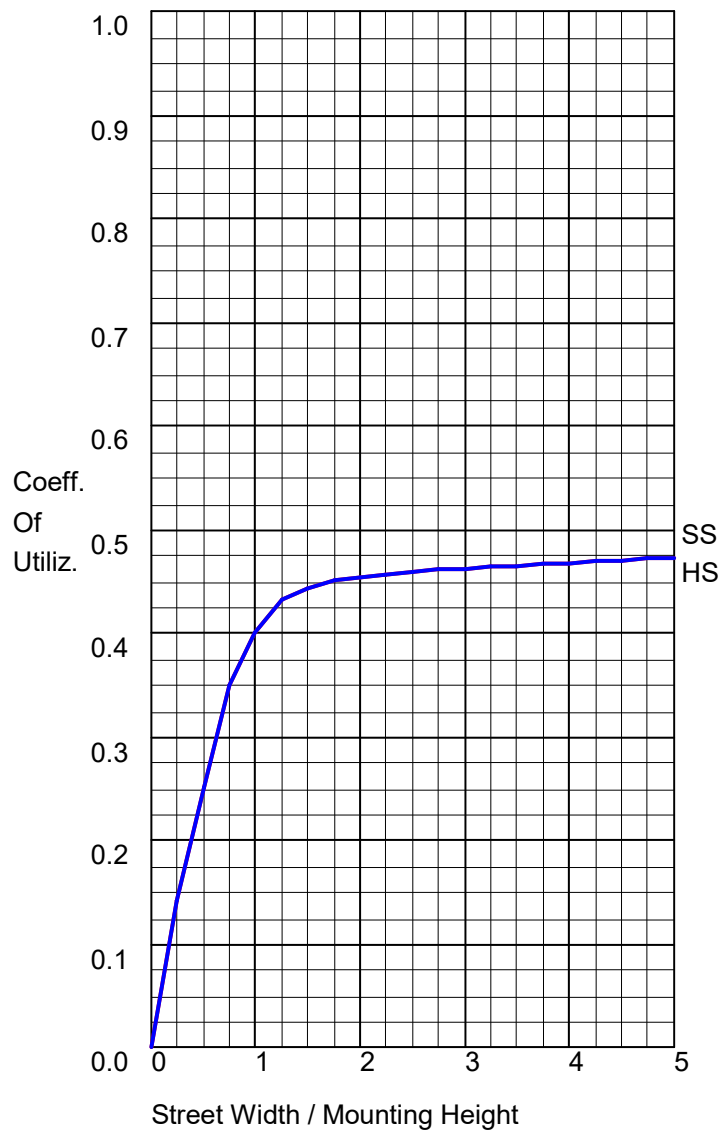
Vert. Angles	Horizontal Angles				
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1641	1641	1641	1641	1641
2.5	1615	1600	1598	1589	1561
5.0	1391	1298	1162	1003	990
7.5	948	856	820	856	854
10.0	558	545	519	552	559
12.5	229	245	234	248	246
15.0	196	191	197	225	230
17.5	218	207	212	246	235
20.0	241	225	207	209	212
22.5	311	298	300	321	298
25.0	482	460	507	557	442
27.5	696	668	685	740	538
30.0	740	683	643	693	563
32.5	530	539	503	550	453
35.0	475	472	452	484	395
37.5	455	444	436	455	385
40.0	432	436	430	447	381
42.5	424	426	432	440	379
45.0	409	417	426	431	379
47.5	380	392	395	407	354
50.0	337	340	334	346	303
52.5	235	240	229	234	206
55.0	126	127	116	117	115
57.5	59	57	56	59	61
60.0	47	47	47	50	50
62.5	45	45	45	46	45
65.0	42	44	42	44	44
67.5	42	45	42	41	41
70.0	40	42	44	44	45
72.5	39	40	39	39	41
75.0	41	42	41	41	45
77.5	51	52	47	47	46
80.0	58	58	50	48	48
82.5	52	52	53	48	47
85.0	35	36	46	48	47
87.5	22	22	25	29	36
90.0	16	16	16	16	19
92.5	16	16	16	16	16
95.0	16	16	15	15	16
97.5	15	15	15	15	16
100.0	16	16	15	15	16
102.5	15	15	15	15	15
105.0	13	12	12	12	13
107.5	11	11	11	11	11
110.0	8	8	8	8	8
112.5	7	7	7	8	8
115.0	7	7	7	7	8
117.5	7	7	7	7	7
120.0	7	7	7	7	7
122.5	7	7	7	7	7
125.0	7	7	7	7	7
127.5	7	7	7	7	7
130.0	7	7	7	7	7

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CANDELA TABULATION - (Cont.)

132.5	7	7	7	7	7
135.0	7	7	7	7	7
137.5	7	7	7	7	7
140.0	7	7	7	7	7
142.5	7	7	7	7	7
145.0	7	7	7	7	7
147.5	7	7	7	7	7
150.0	7	7	7	7	7
152.5	7	7	7	7	7
155.0	6	7	7	7	6
157.5	6	6	6	6	6
160.0	6	6	6	6	6
162.5	6	6	6	6	6
165.0	6	6	6	6	6
167.5	5	6	6	6	6
170.0	5	5	5	5	5
172.5	5	5	5	5	5
175.0	4	4	4	5	5
177.5	4	4	4	5	5
180.0	4	4	4	4	4

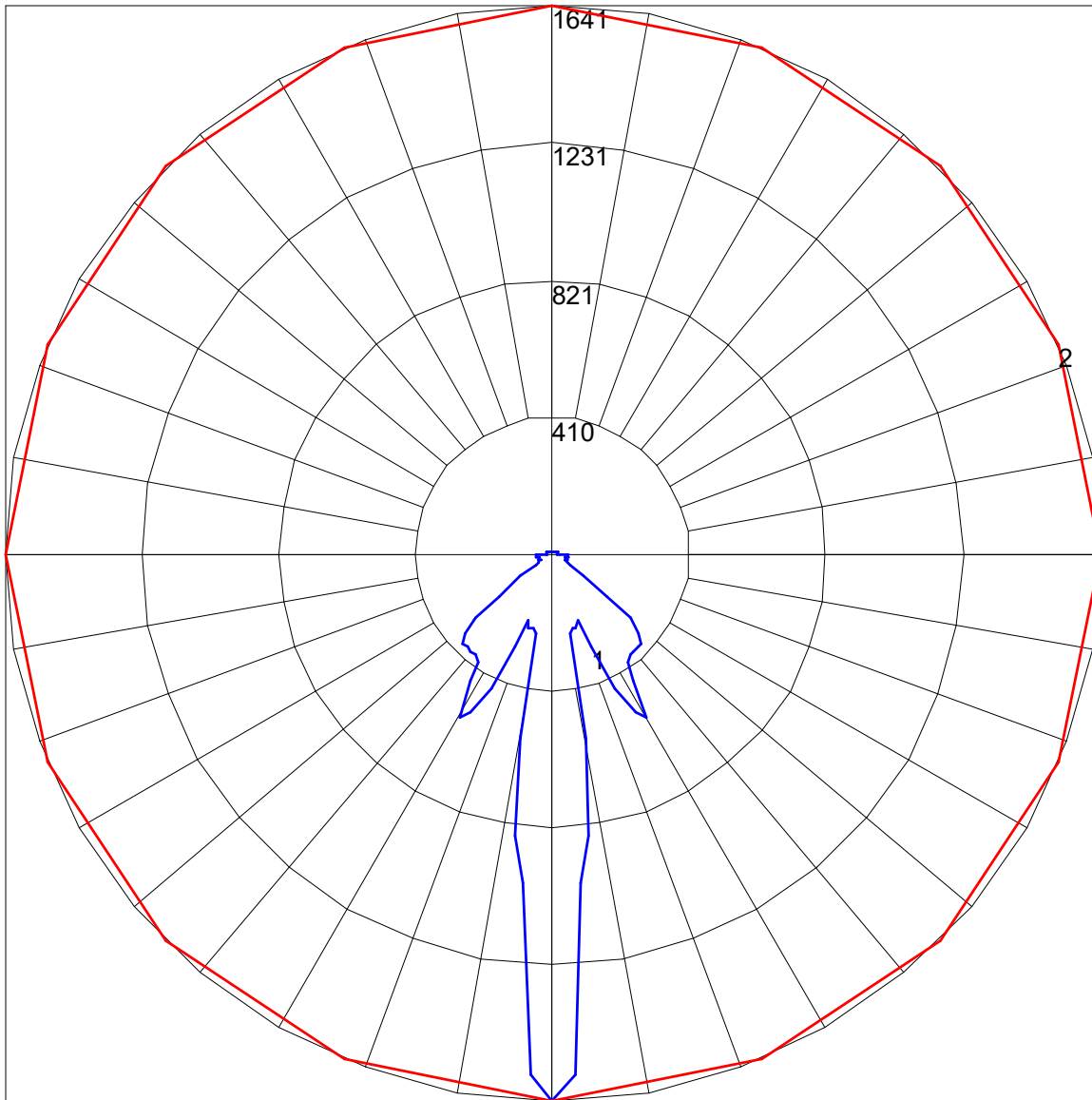
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	639.2	47.8
Downward House Side	639.2	47.8
Downward Total	1278.4	95.6
Upward Street Side	29.4	2.2
Upward House Side	29.4	2.2
Upward Total	58.8	4.4
Total Flux	1337.2	100.0

POLAR GRAPH



Maximum Candela = 1641 Located At Horizontal Angle = 90, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

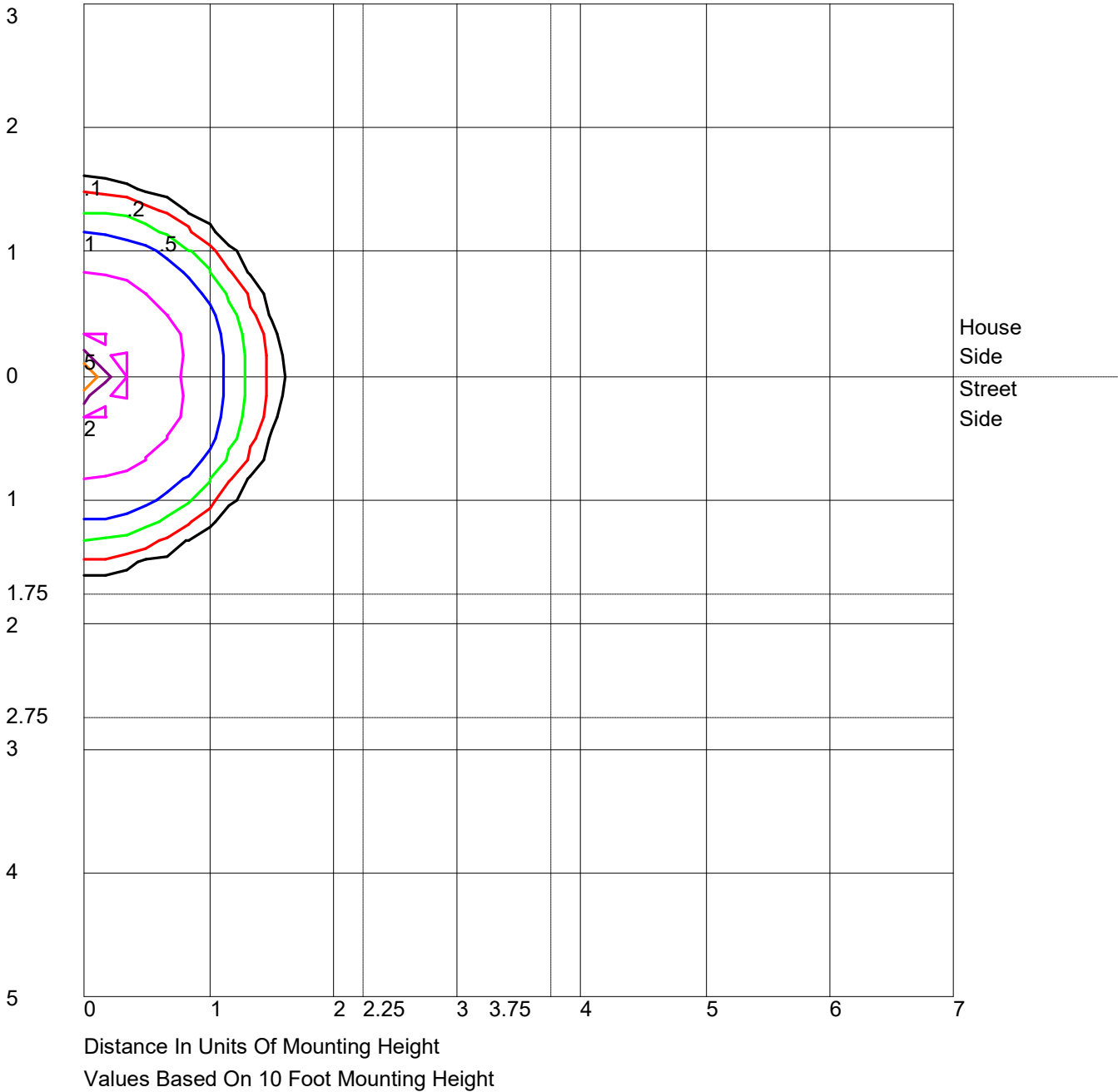


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