



IES ROAD REPORT
PHOTOMETRIC FILENAME : AU-LED-SS-CW-UE-ACF16.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-5853
[TESTLAB]LSI INDUSTRIES
[ISSUE DATE]07/24/14
[TEST DATE]07/24/14
[MANUFACTURER]LSI INDUSTRIES
[LUMEN CATEGORY]AU-LED-SS-CW-UE-ACF16
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE LUMENS]7337

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7337
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	59.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.35
Maximum Candela	986
Maximum Candela Angle	45H 35V
Maximum Candela (<90 Degrees Vertical)	986
Maximum Candela Angle (<90 Degrees Vertical)	45H 35V
Maximum Candela At 90 Degrees Vertical	595 (8.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	636 (8.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	361.3	N.A.	4.9
FM - Front-Medium (30-60)	979.4	N.A.	13.3
FH - Front-High (60-80)	711.9	N.A.	9.7
FVH - Front-Very High (80-90)	323.4	N.A.	4.4
BL - Back-Low (0-30)	361.3	N.A.	4.9
BM - Back-Medium (30-60)	979.4	N.A.	13.3
BH - Back-High (60-80)	711.9	N.A.	9.7
BVH - Back-Very High (80-90)	323.4	N.A.	4.4
UL - Uplight-Low (90-100)	637.2	N.A.	8.7
UH - Uplight-High (100-180)	1947.9	N.A.	26.5
Total	7337.1	N.A.	100.0
BUG Rating	B2-U5-G3		

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CANDELA TABULATION

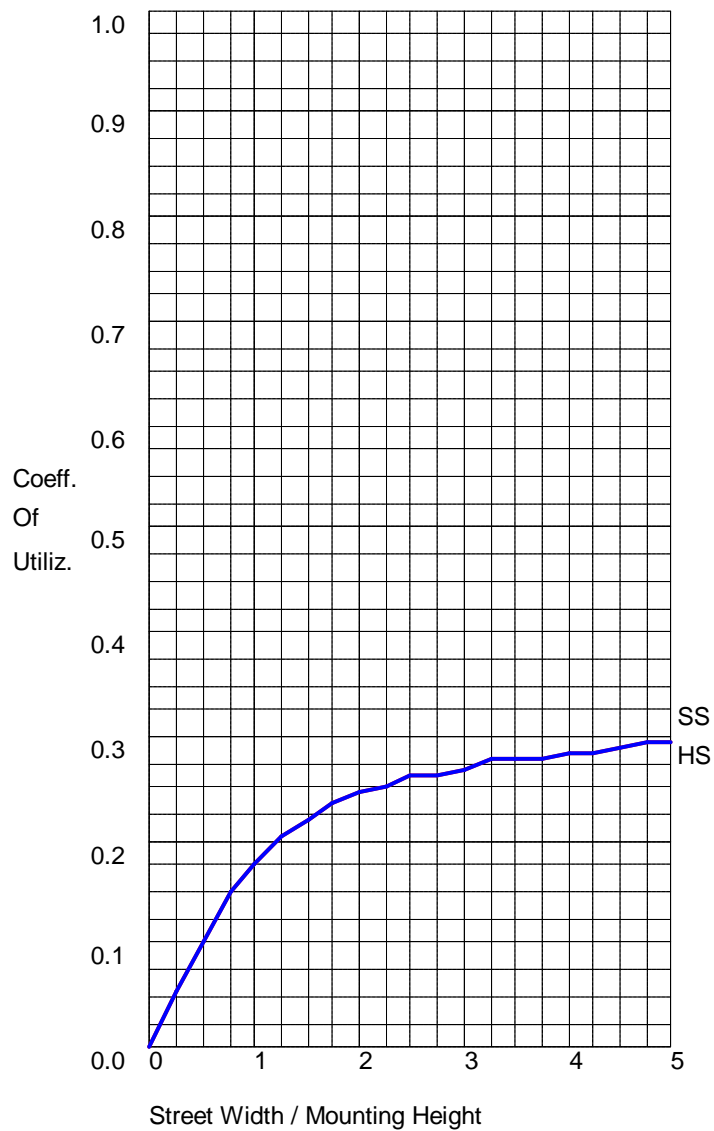
Vert. Angles	Horizontal Angles				
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	733	733	733	733	733
2.5	731	733	734	735	736
5.0	743	746	751	753	755
7.5	763	766	770	766	765
10.0	773	780	782	777	775
12.5	790	795	797	791	786
15.0	802	815	816	812	803
17.5	819	838	839	831	820
20.0	846	867	866	858	841
22.5	864	890	893	887	864
25.0	882	912	914	908	880
27.5	890	926	935	926	894
30.0	903	947	956	946	908
32.5	903	954	976	964	915
35.0	887	955	986	951	887
37.5	855	939	974	936	857
40.0	825	916	951	915	836
42.5	811	892	927	888	806
45.0	793	868	907	867	789
47.5	773	847	882	844	762
50.0	745	828	863	828	771
52.5	754	813	849	813	744
55.0	729	795	834	799	718
57.5	708	786	810	783	728
60.0	711	767	802	768	695
62.5	679	752	782	756	708
65.0	686	738	765	736	673
67.5	655	717	749	727	682
70.0	660	703	730	705	646
72.5	643	687	713	690	654
75.0	627	661	685	668	616
77.5	619	648	664	643	618
80.0	589	611	636	632	621
82.5	592	608	615	590	575
85.0	571	581	593	587	577
87.5	573	583	594	588	578
90.0	575	585	595	589	579
92.5	576	585	595	590	581
95.0	575	584	594	589	580
97.5	572	580	589	585	577
100.0	566	573	581	577	570
102.5	557	563	570	567	561
105.0	546	552	558	555	550
107.5	534	538	544	541	536
110.0	519	523	528	525	522
112.5	503	506	510	508	505
115.0	486	488	490	490	488
117.5	466	468	471	471	469
120.0	446	448	449	449	449
122.5	427	427	428	429	429
125.0	406	406	406	407	406
127.5	385	385	385	385	385
130.0	364	363	362	363	364

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CANDELA TABULATION - (Cont.)

132.5	342	340	339	341	343
135.0	320	319	318	320	322
137.5	298	297	296	298	300
140.0	278	276	275	276	279
142.5	257	255	254	256	256
145.0	236	234	234	234	235
147.5	216	214	214	214	215
150.0	196	195	195	196	197
152.5	178	177	179	179	180
155.0	163	162	163	164	165
157.5	148	147	148	149	150
160.0	137	136	136	138	138
162.5	126	126	124	126	125
165.0	116	115	114	114	113
167.5	107	106	103	102	101
170.0	98	96	93	90	90
172.5	86	85	82	79	78
175.0	74	73	71	69	68
177.5	59	58	57	57	57
180.0	47	47	47	47	47

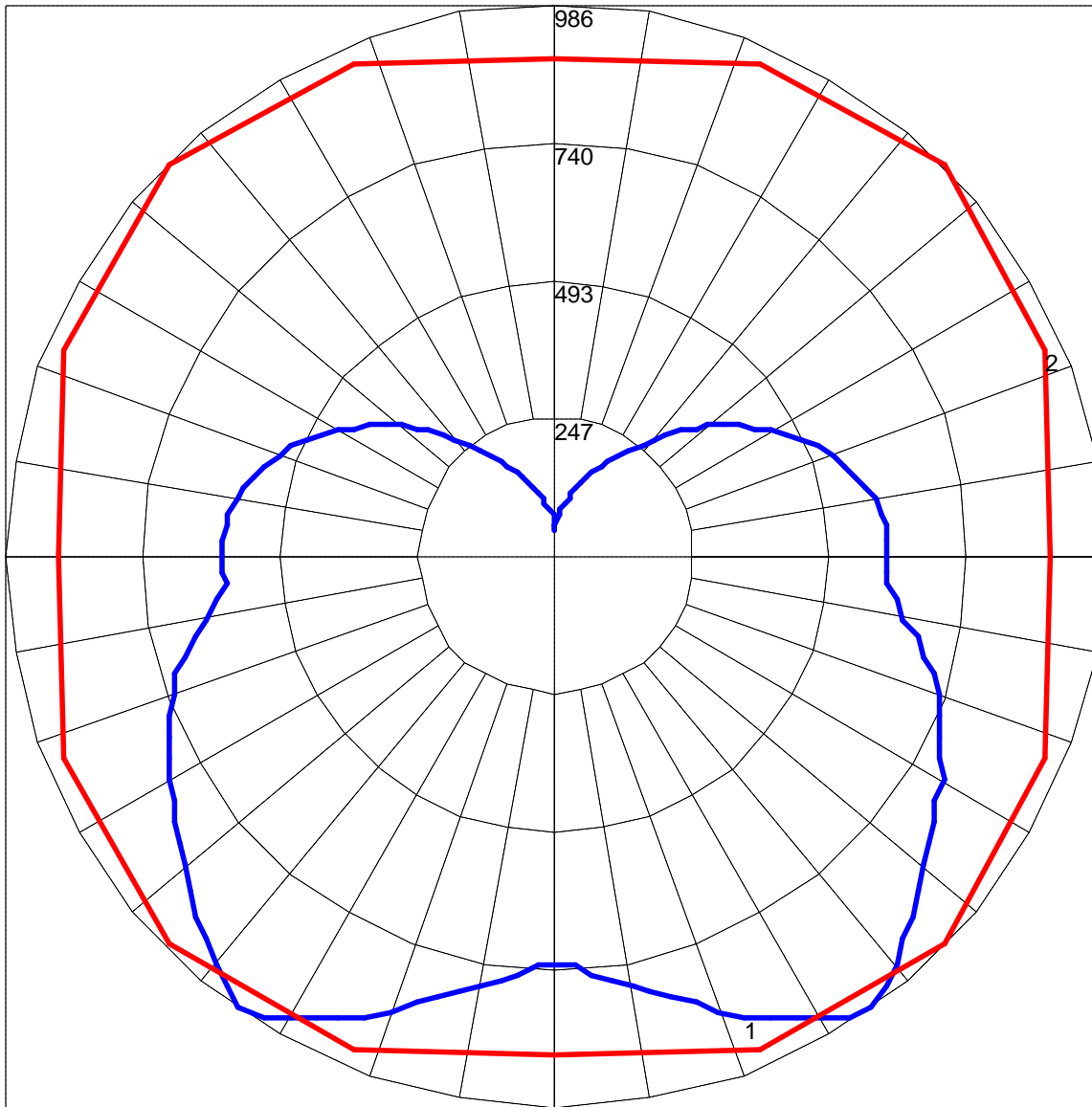
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2376.0	32.4
Downward House Side	2376.0	32.4
Downward Total	4752.0	64.8
Upward Street Side	1292.6	17.6
Upward House Side	1292.6	17.6
Upward Total	2585.2	35.2
Total Flux	7337.2	100.0

POLAR GRAPH



Maximum Candela = 986 Located At Horizontal Angle = 45, Vertical Angle = 35
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

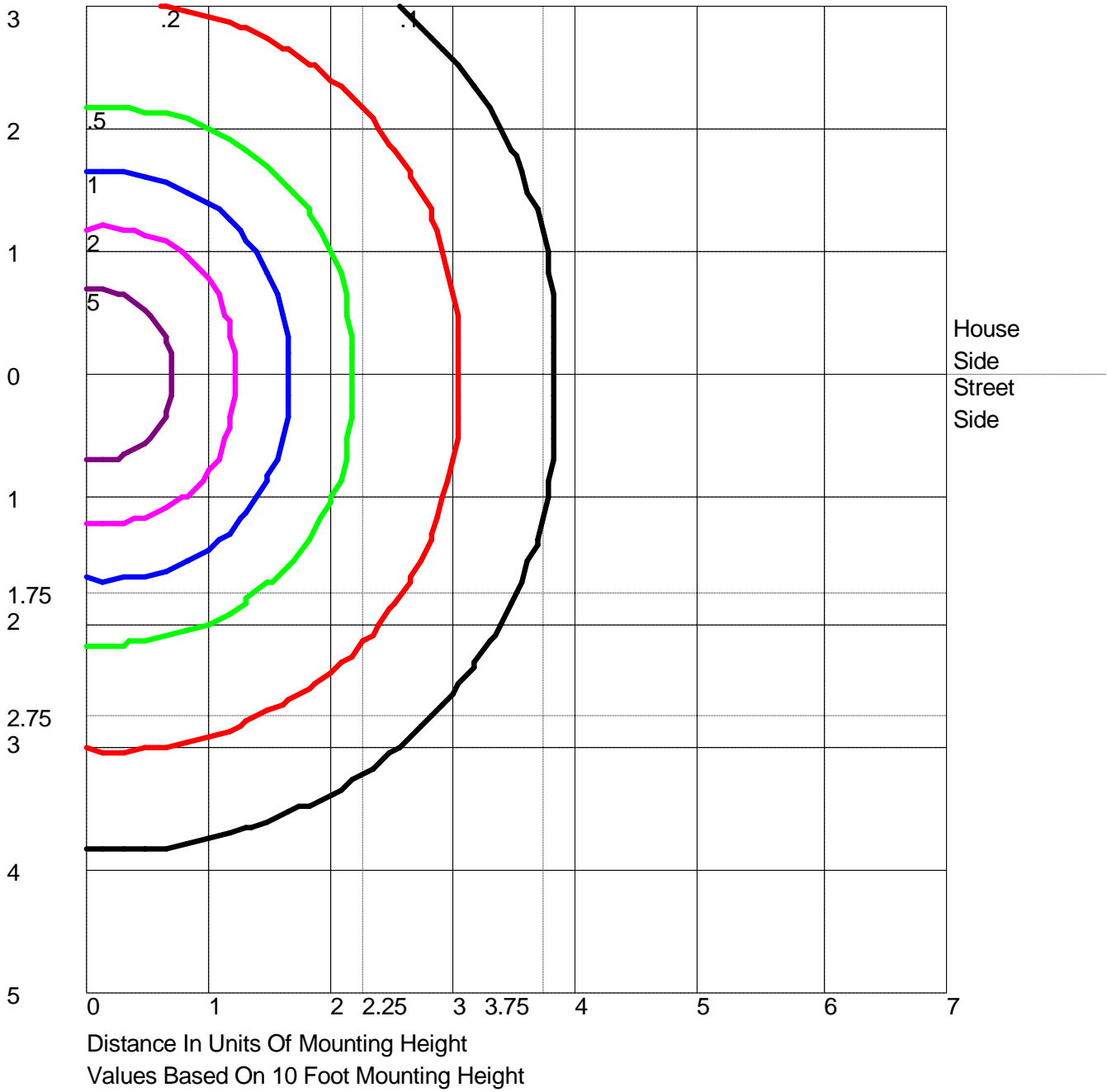


PHOTO LUMENS

