IES ROAD REPORT
PHOTOMETRIC FILENAME : CRUS-SC-SS-30.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12152
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 08/27/20
[TESTDATE] 08/18/20
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] CRUS-SC-SS-30
[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] Outdoor

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13113
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	93
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4222
Maximum Candela Angle	35H 2.5V
Maximum Candela (<90 Degrees Vertical)	4222
Maximum Candela Angle (<90 Degrees Vertical)	35H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	355 (2.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1713.8	N.A.	13.1
FM - Front-Medium (30-60)	3536.7	N.A.	27.0
FH - Front-High (60-80)	1238.8	N.A.	9.4
FVH - Front-Very High (80-90)	67.2	N.A.	0.5
BL - Back-Low (0-30)	1713.8	N.A.	13.1
BM - Back-Medium (30-60)	3536.7	N.A.	27.0
BH - Back-High (60-80)	1238.8	N.A.	9.4
BVH - Back-Very High (80-90)	67.2	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13113.0	N.A.	100.0
BUG Rating	B3-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	15	25	35	45	55	65	75	85
0.0	4198	4198	4198	4198	4198	4198	4198	4198	4198	4198
2.5	4207	4205	4207	4217	4222	4208	4208	4206	4211	4204
5.0	4208	4205	4216	4207	4215	4206	4207	4200	4210	4207
7.5	4204	4206	4213	4206	4198	4205	4203	4200	4198	4206
10.0	4194	4195	4198	4183	4198	4196	4188	4185	4190	4194
12.5	4176	4182	4183	4177	4185	4174	4169	4180	4173	4177
15.0	4157	4160	4164	4155	4162	4164	4145	4157	4153	4153
17.5	4141	4131	4131	4133	4135	4124	4119	4140	4125	4129
20.0	4106	4100	4096	4096	4112	4105	4092	4100	4097	4095
22.5	4054	4051	4060	4060	4058	4062	4064	4063	4055	4051
25.0	4000	4012	4014	4004	4022	4008	4016	4013	4010	4008
27.5	3951	3948	3958	3952	3950	3953	3956	3961	3955	3950
30.0	3880	3882	3889	3879	3885	3889	3886	3887	3891	3878
32.5	3786	3798	3795	3801	3807	3798	3806	3802	3802	3800
35.0	3686	3696	3693	3709	3708	3708	3710	3707	3703	3710
37.5	3586	3594	3589	3601	3599	3601	3605	3599	3601	3600
40.0	3477	3477	3478	3490	3490	3480	3486	3492	3488	3480
42.5	3351	3351	3356	3364	3366	3361	3358	3359	3357	3363
45.0	3213	3220	3223	3231	3221	3219	3219	3215	3217	3215
47.5	3071	3068	3068	3073	3067	3069	3069	3064	3065	3064
50.0	2916	2913	2903	2901	2908	2912	2909	2904	2904	2907
52.5	2754	2739	2737	2733	2728	2732	2740	2729	2736	2727
55.0	2557	2555	2549	2550	2548	2553	2555	2553	2554	2539
57.5	2367	2354	2357	2359	2361	2365	2362	2359	2353	2344
60.0	2146	2153	2153	2155	2161	2163	2160	2157	2151	2141
62.5	1917	1920	1941	1947	1945	1932	1935	1931	1934	1929
65.0	1684	1691	1712	1722	1719	1712	1709	1702	1699	1696
67.5	1444	1450	1472	1477	1477	1468	1474	1472	1461	1443
70.0	1189	1193	1210	1225	1229	1222	1234	1223	1208	1188
72.5	970	961	961	957	976	972	982	968	968	961
75.0	757	749	741	741	741	727	749	749	748	747
77.5	532	540	542	538	537	518	541	548	545	540
80.0	334	346	353	347	352	345	344	350	355	350
82.5	192	198	204	202	198	189	195	197	203	204
85.0	87	89	90	92	90	89	88	90	92	93
87.5	30	30	30	30	30	31	32	32	33	33
90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles
	90
0.0	4198
2.5	4206
5.0	4206
7.5	4197
10.0	4187
12.5	4173
15.0	4173
17.5	4150
20.0	4103
22.5	4062
25.0	4015
27.5	3958

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CANDELA TABULATION - (Cont.)

30.0	3893
32.5	3808
35.0	3712
37.5	3604
40.0	3487
42.5	3364
45.0	3226
47.5	3064
50.0	2908
52.5	2735
55.0	2545
57.5	2343
60.0	2138
62.5	1921
65.0	1685
67.5	1435
70.0	1180
72.5	957
75.0	745
77.5	534
80.0	341
82.5	201
85.0	95
87.5	33
90.0	0

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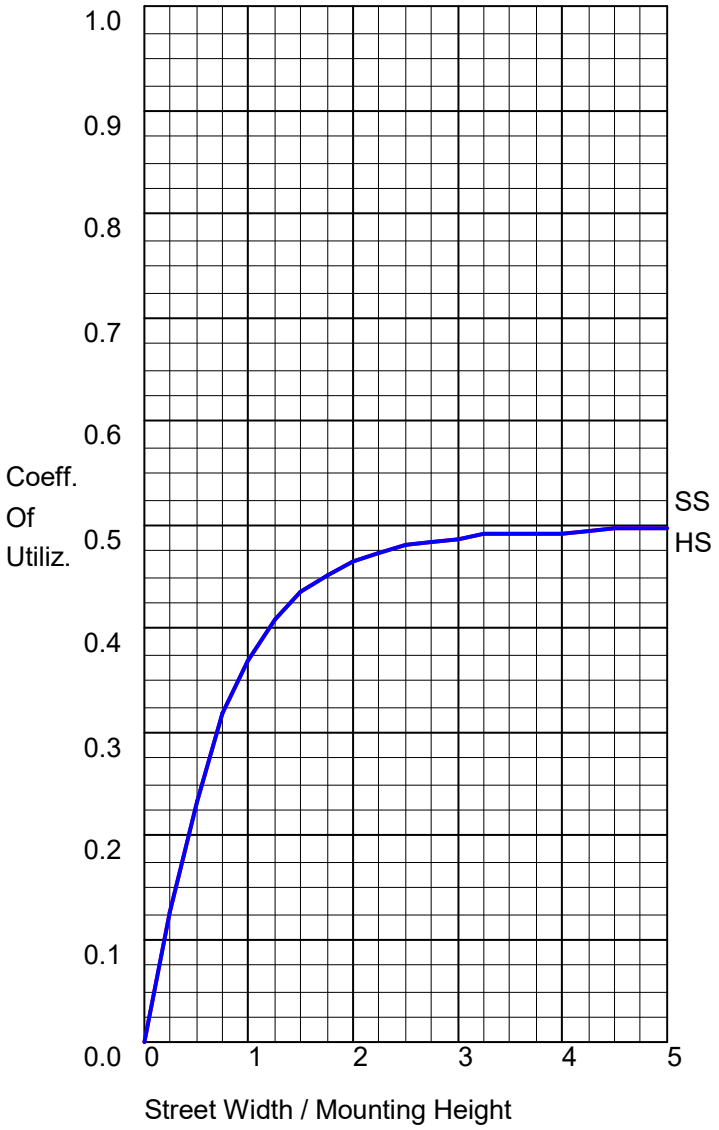
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	6556.5	50.0
Downward House Side	6556.5	50.0
Downward Total	13113.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13113.0	100.0

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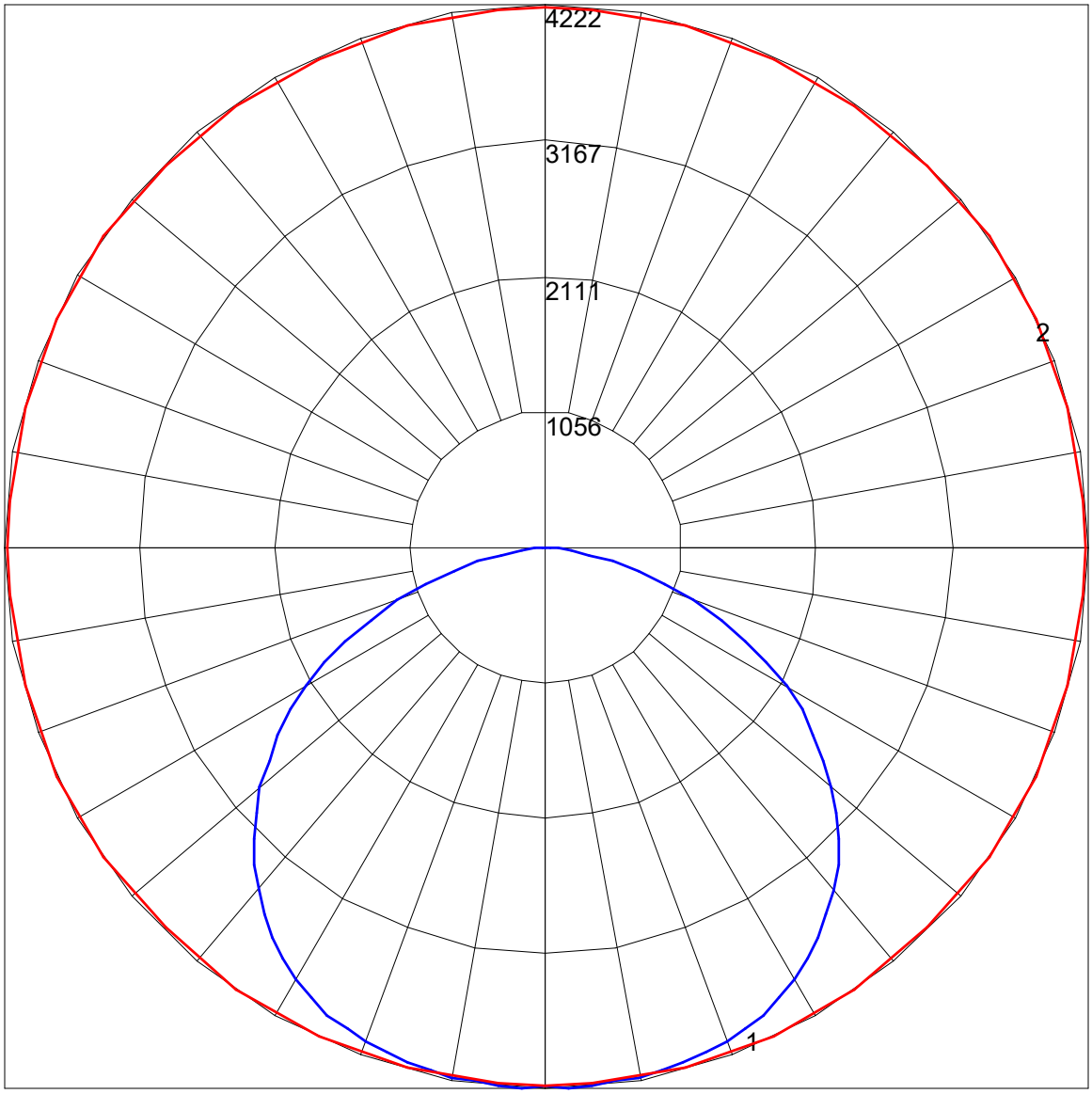
POLAR GRAPH



Maximum Candela = 4222 Located At Horizontal Angle = 35, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (35 - 215) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

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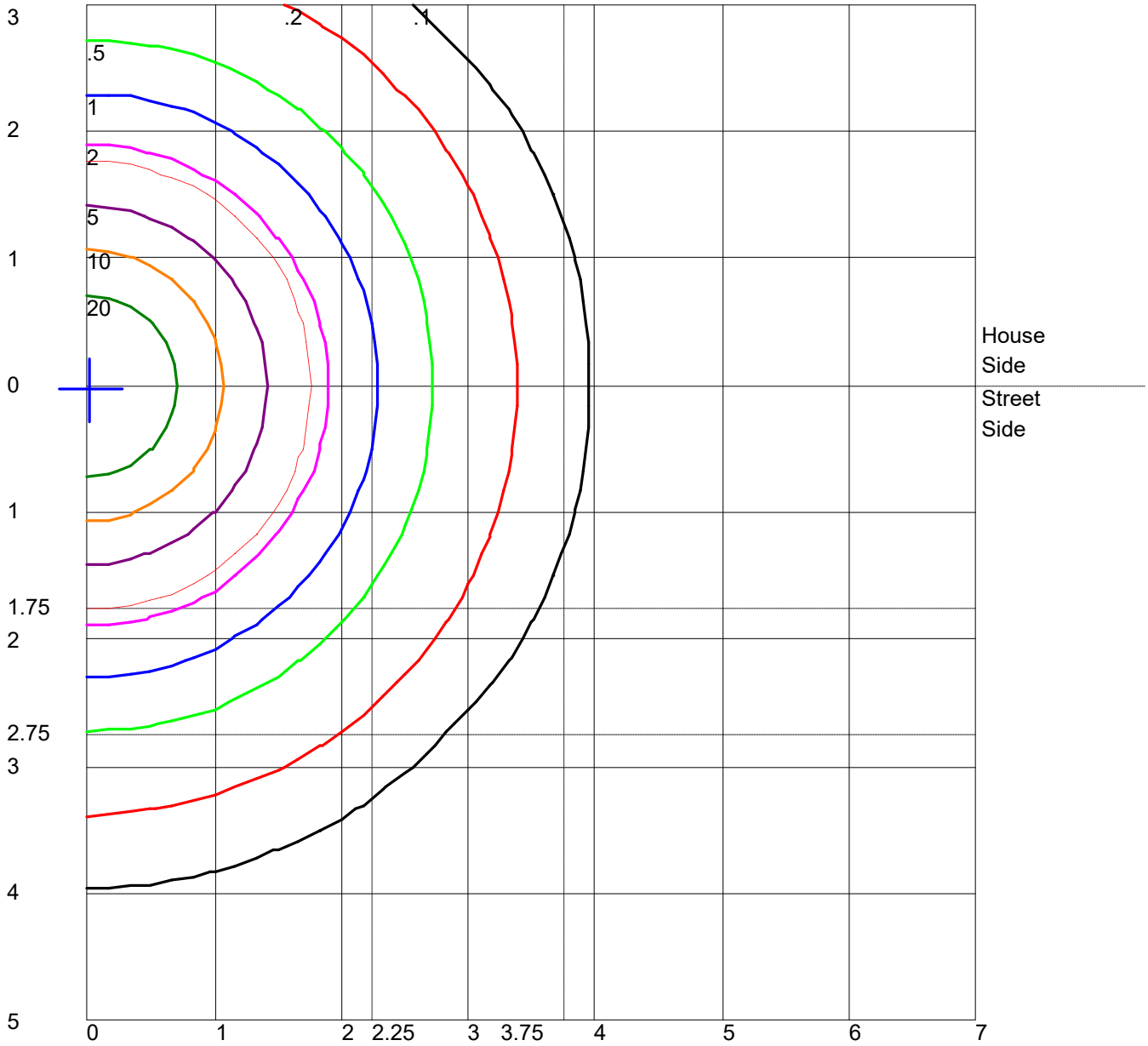
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

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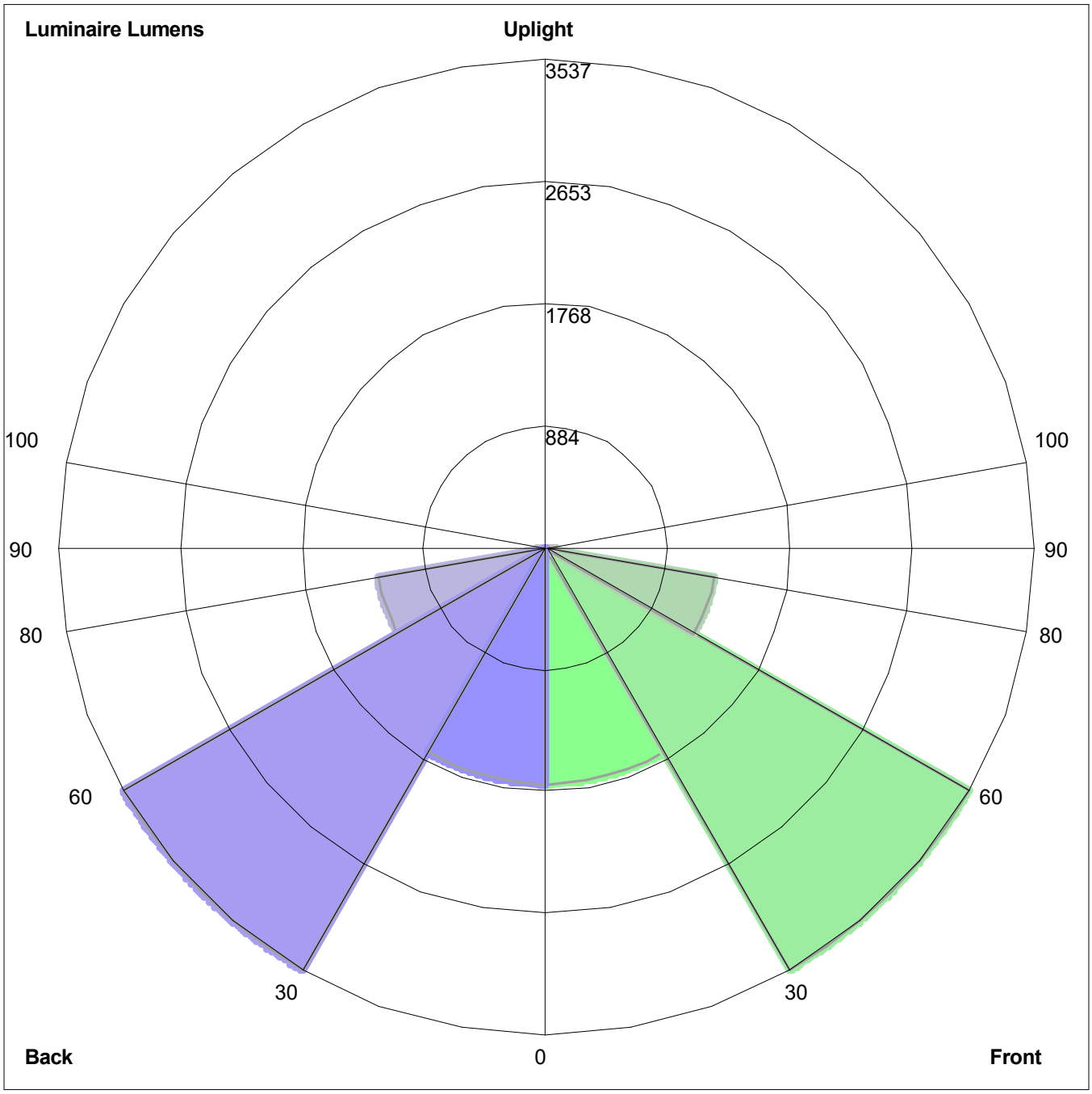
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1713.8, Medium=3536.7, High=1238.8, Very High=67.2
Back: Low=1713.8, Medium=3536.7, High=1238.8, Very High=67.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1

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