IES ROAD REPORT
PHOTOMETRIC FILENAME : CRUS_SM-SC-LW-30.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12153
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 08/27/20
[TESTDATE] 08/18/20
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] CRUS_SM-SC-LW-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	10457
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	73
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3391
Maximum Candela Angle	90H 7.5V
Maximum Candela (<90 Degrees Vertical)	3391
Maximum Candela Angle (<90 Degrees Vertical)	90H 7.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	281 (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)	1366.6	N.A.	13.1
FM - Front-Medium (30-60)	2819.8	N.A.	27.0
FH - Front-High (60-80)	988.6	N.A.	9.5
FVH - Front-Very High (80-90)	53.4	N.A.	0.5
BL - Back-Low (0-30)	1366.6	N.A.	13.1
BM - Back-Medium (30-60)	2819.8	N.A.	27.0
BH - Back-High (60-80)	988.6	N.A.	9.5
BVH - Back-Very High (80-90)	53.4	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	10456.8	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	3349	3349	3349	3349	3349	3349	3349	3349	3349	3349
2.5	3321	3355	3366	3338	3358	3351	3351	3331	3361	3336
5.0	3388	3354	3357	3351	3369	3351	3363	3369	3348	3366
7.5	3324	3350	3355	3362	3366	3344	3353	3366	3353	3349
10.0	3366	3325	3336	3333	3359	3337	3328	3330	3338	3353
12.5	3309	3346	3349	3339	3310	3319	3345	3346	3351	3312
15.0	3323	3316	3314	3315	3332	3305	3284	3304	3287	3301
17.5	3278	3274	3306	3290	3304	3292	3322	3295	3303	3293
20.0	3263	3281	3271	3280	3271	3260	3239	3296	3277	3273
22.5	3251	3235	3231	3233	3240	3248	3254	3216	3215	3222
25.0	3182	3187	3199	3205	3194	3202	3185	3190	3200	3221
27.5	3154	3170	3167	3159	3163	3152	3154	3157	3154	3141
30.0	3098	3077	3085	3077	3099	3093	3103	3098	3089	3111
32.5	3011	3044	3029	3041	3027	3049	3010	3029	3035	3003
35.0	2975	2953	2953	2959	2960	2943	2961	2960	2954	2949
37.5	2860	2862	2870	2860	2873	2878	2870	2869	2859	2869
40.0	2777	2774	2786	2780	2806	2784	2769	2771	2769	2787
42.5	2652	2681	2663	2678	2666	2670	2692	2688	2692	2674
45.0	2585	2551	2568	2550	2570	2573	2578	2568	2553	2558
47.5	2469	2445	2443	2458	2437	2458	2428	2435	2443	2445
50.0	2302	2327	2327	2331	2340	2317	2336	2330	2309	2320
52.5	2189	2180	2175	2166	2180	2171	2163	2174	2190	2168
55.0	2038	2039	2035	2050	2039	2035	2031	2037	2032	2021
57.5	1877	1879	1889	1884	1880	1888	1894	1874	1876	1868
60.0	1730	1718	1719	1718	1718	1722	1717	1715	1704	1711
62.5	1525	1536	1529	1536	1561	1551	1546	1559	1534	1533
65.0	1361	1354	1368	1360	1356	1367	1380	1362	1371	1354
67.5	1156	1155	1167	1182	1180	1172	1188	1179	1166	1146
70.0	952	944	963	976	979	972	982	983	970	943
72.5	762	770	775	775	786	780	770	763	766	773
75.0	593	600	595	597	601	584	592	594	598	599
77.5	421	434	436	436	435	409	426	425	431	431
80.0	270	277	281	275	277	276	280	276	279	278
82.5	158	162	160	155	157	153	158	159	165	160
85.0	72	71	69	70	68	71	72	76	75	72
87.5	24	23	23	24	23	24	26	26	25	25
90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles
	90
0.0	3349
2.5	3370
5.0	3338
7.5	3391
10.0	3329
12.5	3332
15.0	3326
17.5	3311
20.0	3243
22.5	3261
25.0	3203
27.5	3178

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CANDELA TABULATION - (Cont.)

30.0	3099
32.5	3024
35.0	2947
37.5	2896
40.0	2755
42.5	2698
45.0	2568
47.5	2453
50.0	2303
52.5	2191
55.0	2035
57.5	1868
60.0	1701
62.5	1535
65.0	1345
67.5	1136
70.0	943
72.5	764
75.0	605
77.5	430
80.0	266
82.5	154
85.0	69
87.5	25
90.0	0

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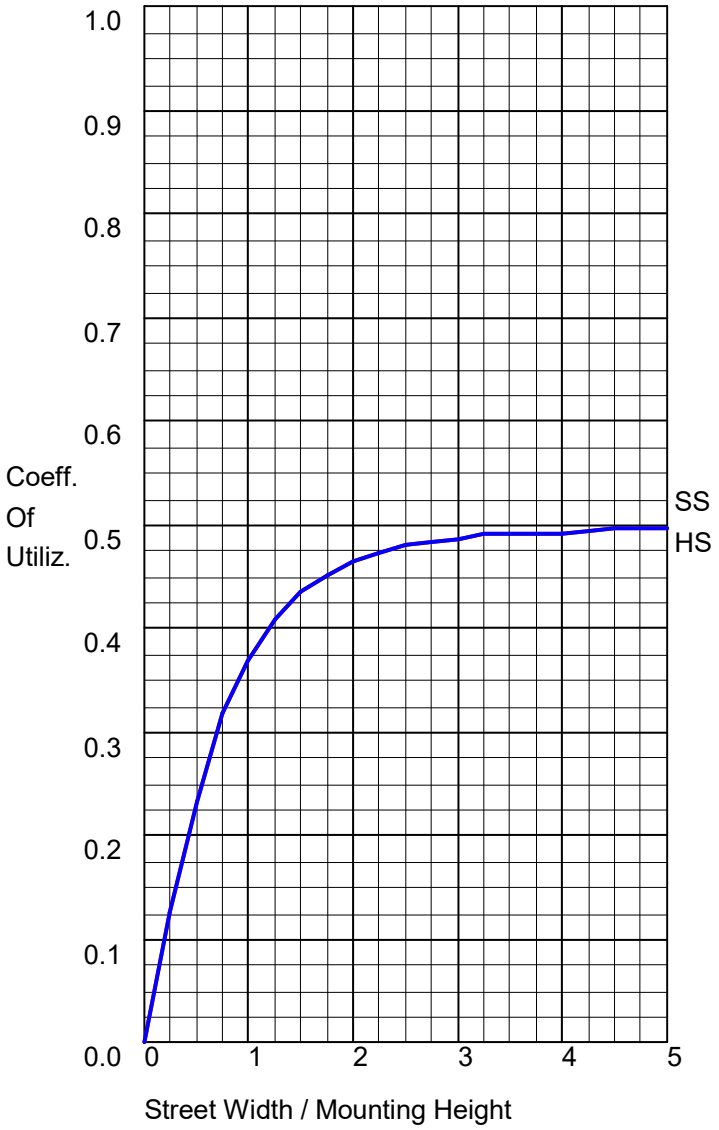
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	5228.4	50.0
Downward House Side	5228.4	50.0
Downward Total	10456.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	10456.8	100.0

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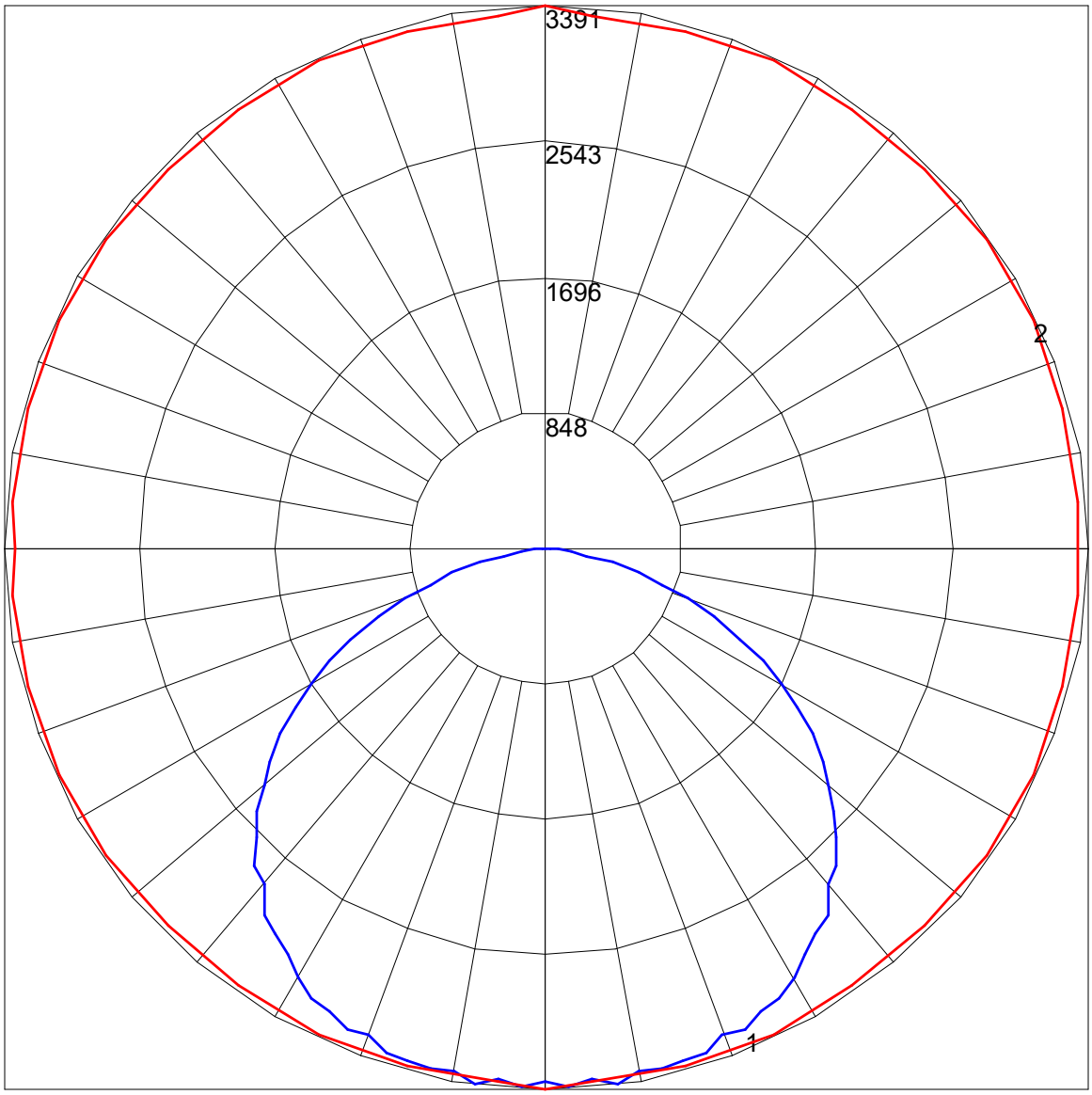
POLAR GRAPH



Maximum Candela = 3391 Located At Horizontal Angle = 90, Vertical Angle = 7.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (7.5) (Through Max. Cd.)

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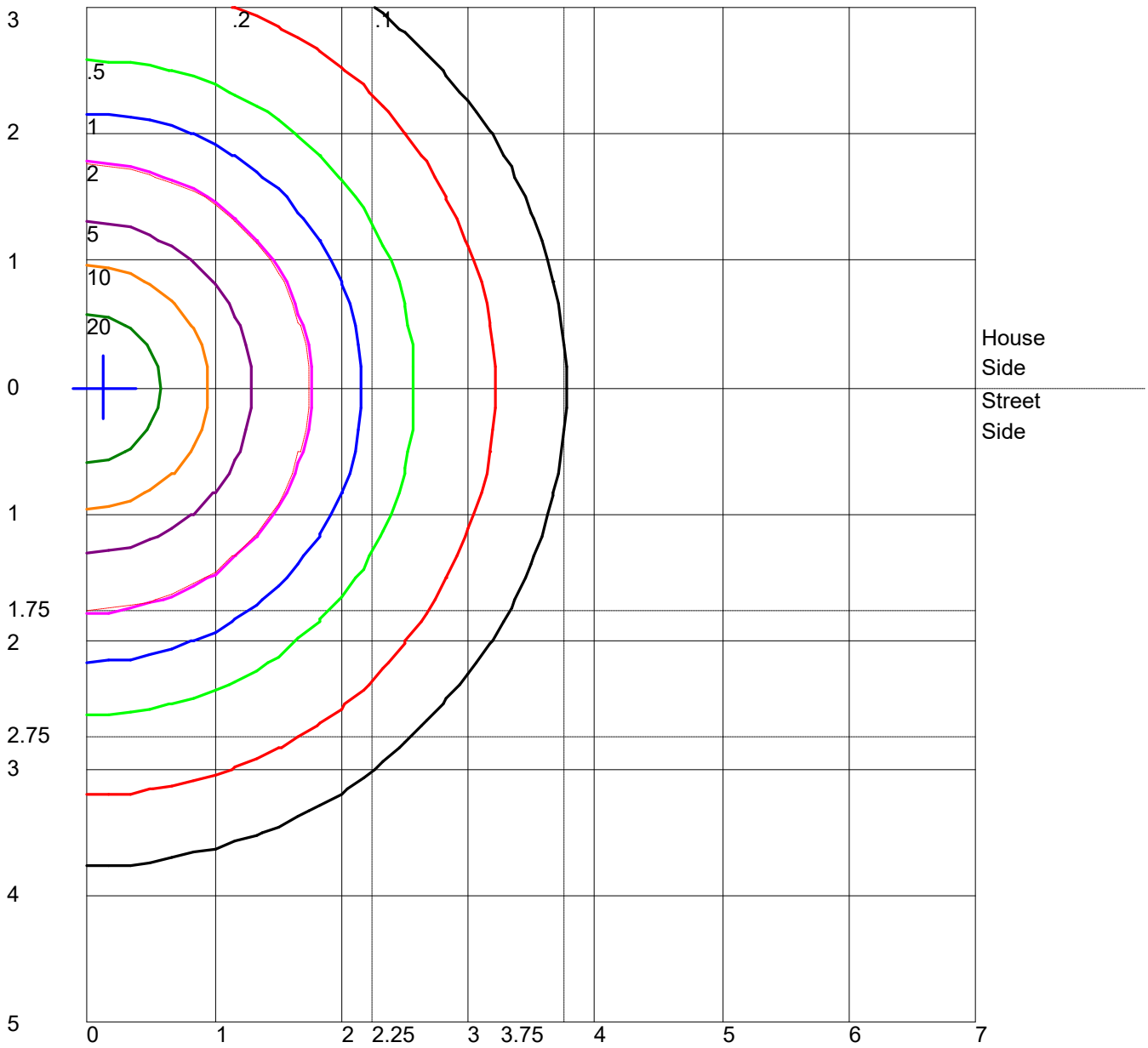
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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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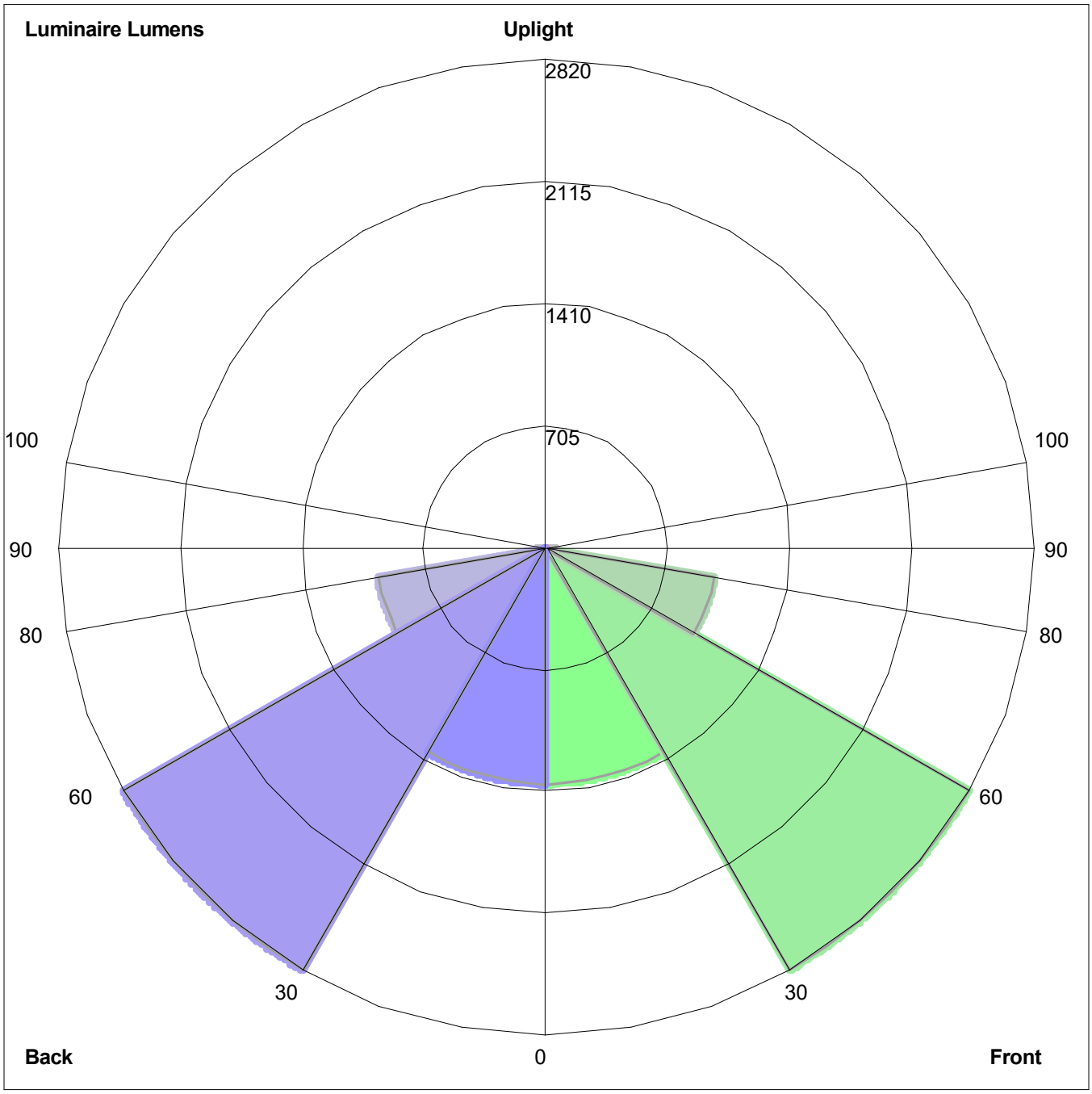
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1366.6, Medium=2819.8, High=988.6, Very High=53.4
Back: Low=1366.6, Medium=2819.8, High=988.6, Very High=53.4
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1

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