



IES ROAD REPORT

PHOTOMETRIC FILENAME : SCM-LED-08L-SC-30.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-11454

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 01/13/2020

[TEST DATE] 11/25/19

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] SCM-LED-08L-SC-30

[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

[OTHER] TEST PROCEDURE: IESNA LM-79-08

[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	7010
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	55.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2391
Maximum Candela Angle	90H 2.5V
Maximum Candela (<90 Degrees Vertical)	2391
Maximum Candela Angle (<90 Degrees Vertical)	90H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	153 (2.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	966.2	N.A.	13.8
FM - Front-Medium (30-60)	1966.3	N.A.	28.1
FH - Front-High (60-80)	537.6	N.A.	7.7
FVH - Front-Very High (80-90)	34.8	N.A.	0.5
BL - Back-Low (0-30)	966.2	N.A.	13.8
BM - Back-Medium (30-60)	1966.3	N.A.	28.1
BH - Back-High (60-80)	537.6	N.A.	7.7
BVH - Back-Very High (80-90)	34.8	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	7009.8	N.A.	100.0
BUG Rating	B2-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	15	25	35	45	55	65	75	85
0.0	2373	2373	2373	2373	2373	2373	2373	2373	2373	2373
2.5	2383	2383	2372	2373	2377	2365	2374	2386	2379	2382
5.0	2387	2382	2369	2373	2375	2364	2378	2379	2374	2383
7.5	2379	2387	2368	2368	2376	2367	2373	2377	2374	2375
10.0	2383	2380	2370	2364	2376	2357	2365	2371	2361	2380
12.5	2365	2366	2353	2354	2361	2353	2360	2362	2357	2359
15.0	2353	2353	2345	2345	2344	2339	2345	2355	2343	2355
17.5	2338	2344	2333	2323	2335	2322	2332	2338	2330	2333
20.0	2330	2317	2309	2306	2312	2303	2313	2317	2309	2314
22.5	2292	2298	2285	2276	2295	2281	2285	2292	2290	2293
25.0	2276	2267	2260	2250	2261	2251	2260	2261	2255	2261
27.5	2231	2236	2223	2218	2225	2220	2226	2231	2221	2228
30.0	2195	2189	2178	2176	2182	2178	2184	2188	2180	2182
32.5	2143	2141	2133	2130	2138	2128	2137	2139	2128	2141
35.0	2087	2083	2079	2068	2075	2071	2077	2077	2077	2078
37.5	2022	2023	2014	2013	2016	2012	2015	2013	2009	2019
40.0	1951	1952	1951	1941	1947	1940	1949	1948	1954	1953
42.5	1881	1883	1878	1870	1877	1872	1871	1869	1875	1878
45.0	1796	1796	1793	1792	1797	1790	1793	1791	1795	1801
47.5	1713	1714	1709	1705	1711	1710	1709	1714	1710	1707
50.0	1620	1619	1615	1610	1616	1619	1617	1618	1621	1622
52.5	1522	1520	1514	1510	1515	1522	1521	1519	1516	1514
55.0	1416	1416	1413	1410	1409	1410	1412	1413	1409	1406
57.5	1293	1288	1288	1293	1296	1288	1295	1296	1274	1263
60.0	1129	1122	1140	1153	1166	1160	1157	1134	1114	1096
62.5	915	924	953	986	1008	1008	988	953	914	901
65.0	729	731	758	793	831	830	806	761	721	710
67.5	582	582	593	615	641	653	623	590	570	564
70.0	468	465	472	468	479	483	470	461	459	453
72.5	372	372	372	368	356	340	355	362	365	362
75.0	288	289	287	282	260	245	263	280	280	281
77.5	215	214	214	208	187	182	186	207	211	211
80.0	150	152	153	144	135	135	133	141	152	152
82.5	99	99	102	94	94	94	93	92	102	103
85.0	58	58	58	57	59	60	59	56	56	58
87.5	29	29	28	29	29	30	29	29	28	29
90.0	0	0	0	0	0	0	0	0	0	0

**Vert.
Angles**

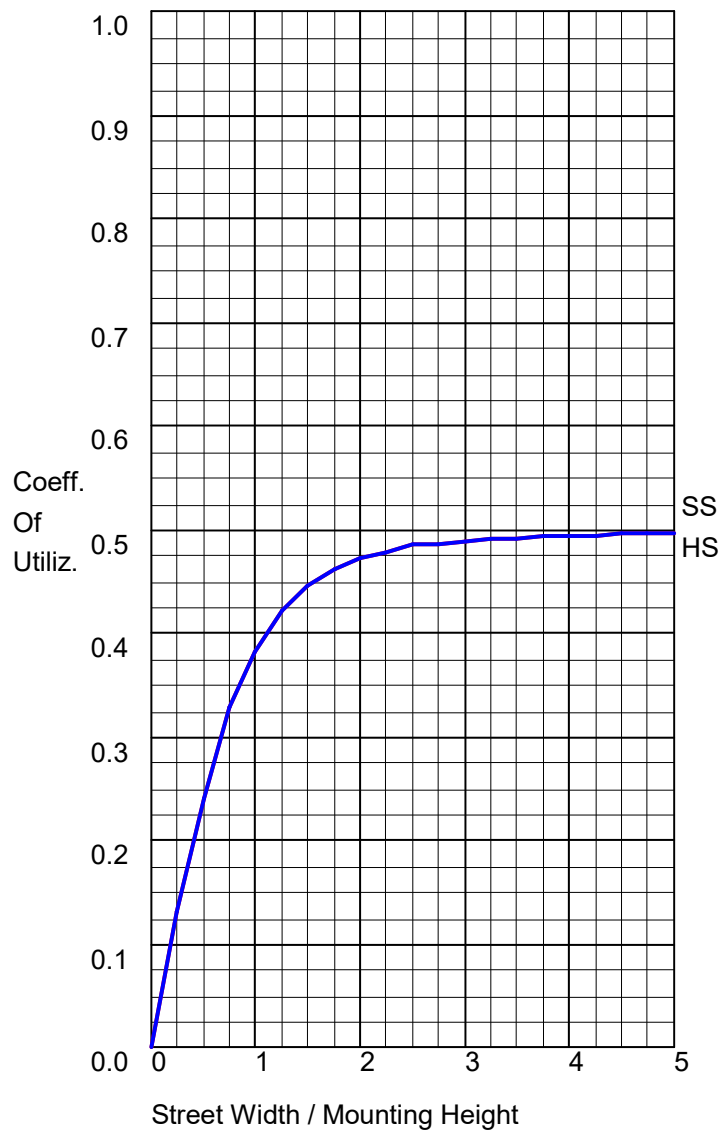
	90
0.0	2373
2.5	2391
5.0	2382
7.5	2389
10.0	2377
12.5	2378
15.0	2356
17.5	2345
20.0	2319
22.5	2300
25.0	2262
27.5	2227

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CANDELA TABULATION - (Cont.)

30.0	2186
32.5	2125
35.0	2079
37.5	2008
40.0	1955
42.5	1876
45.0	1804
47.5	1711
50.0	1618
52.5	1518
55.0	1400
57.5	1264
60.0	1095
62.5	896
65.0	708
67.5	569
70.0	455
72.5	359
75.0	279
77.5	210
80.0	151
82.5	102
85.0	59
87.5	29
90.0	0

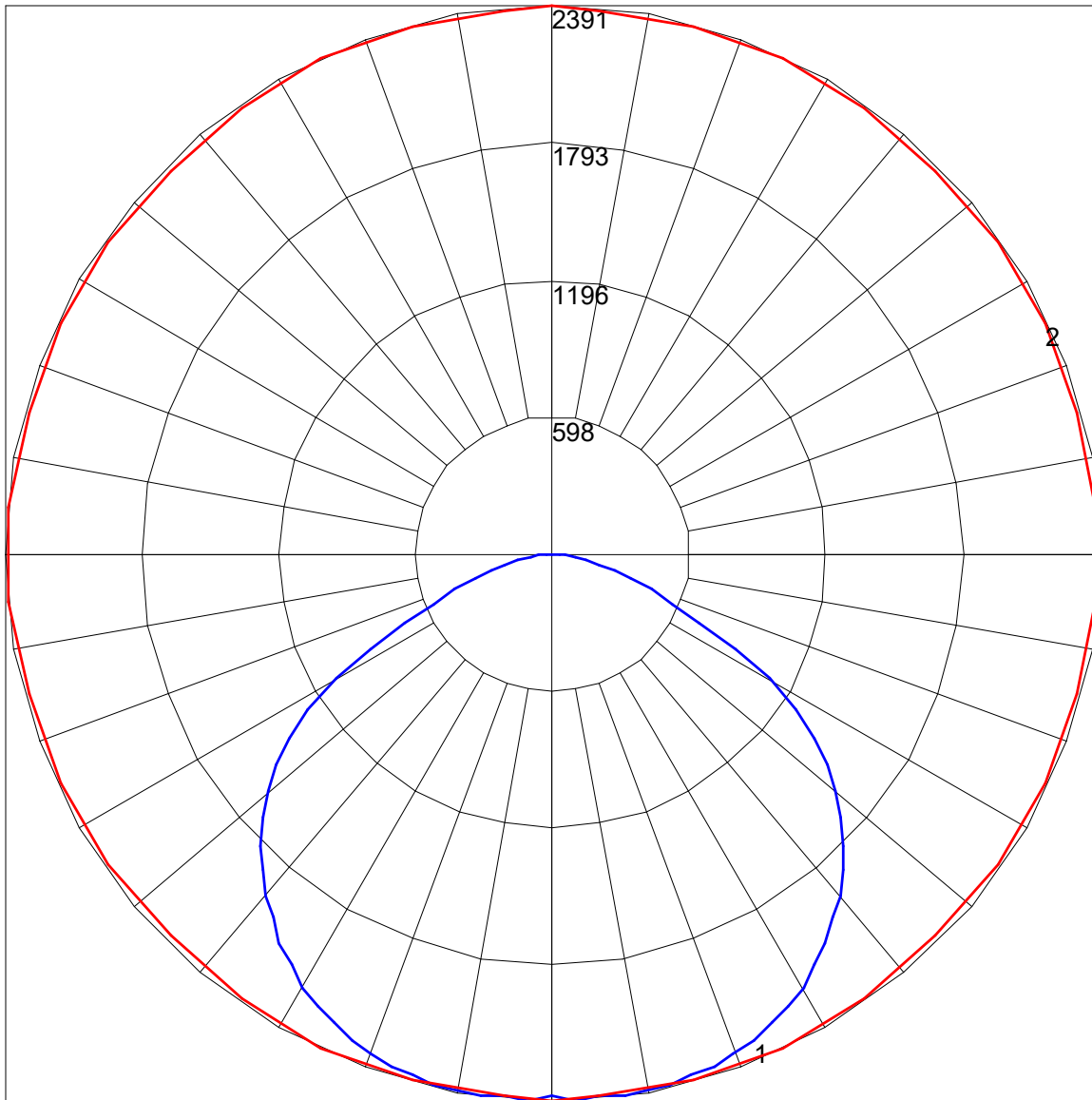
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

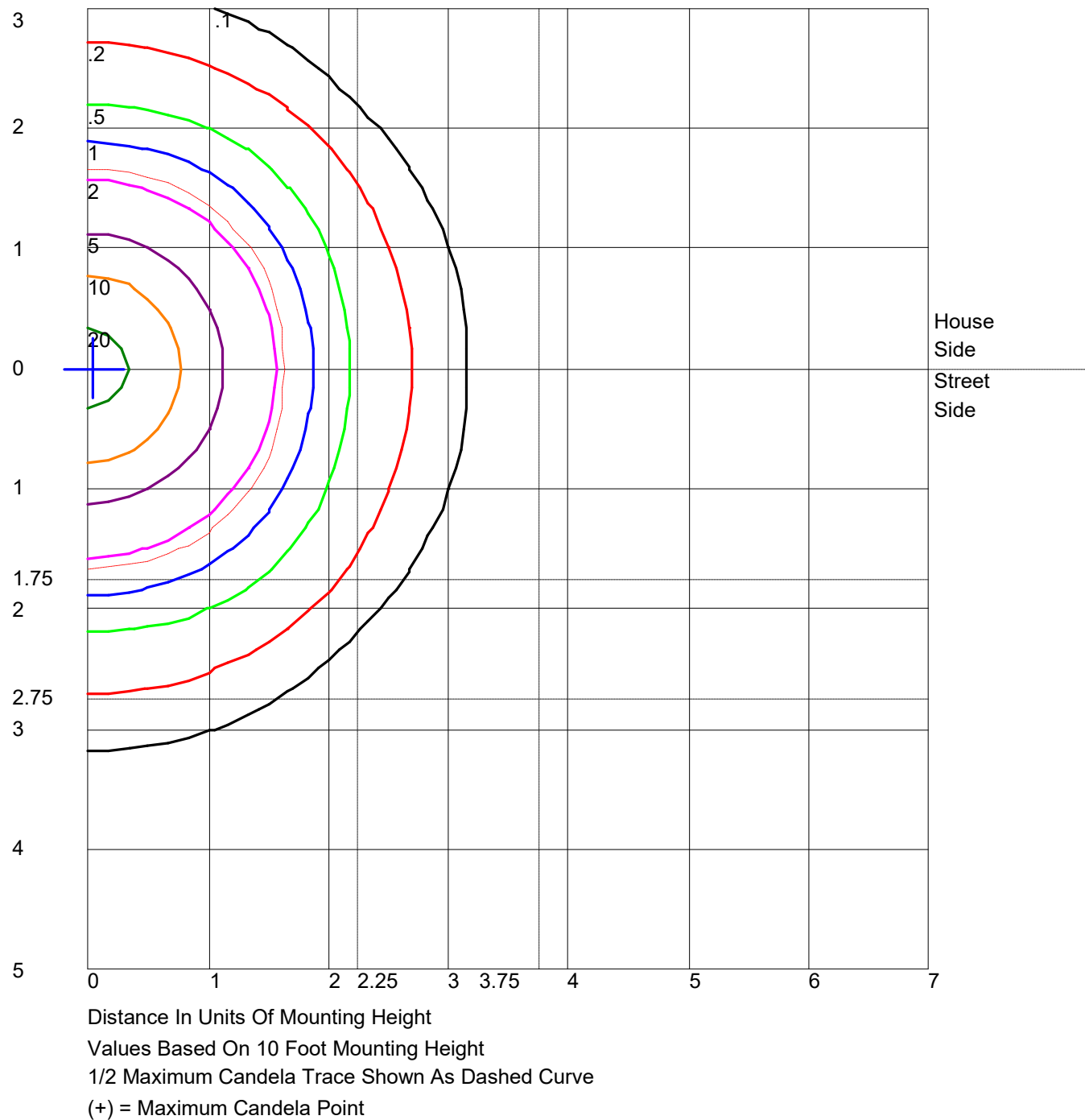
	Lumens	Percent Of Luminaire
Downward Street Side	3504.9	50.0
Downward House Side	3504.9	50.0
Downward Total	7009.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	7009.8	100.0

POLAR GRAPH

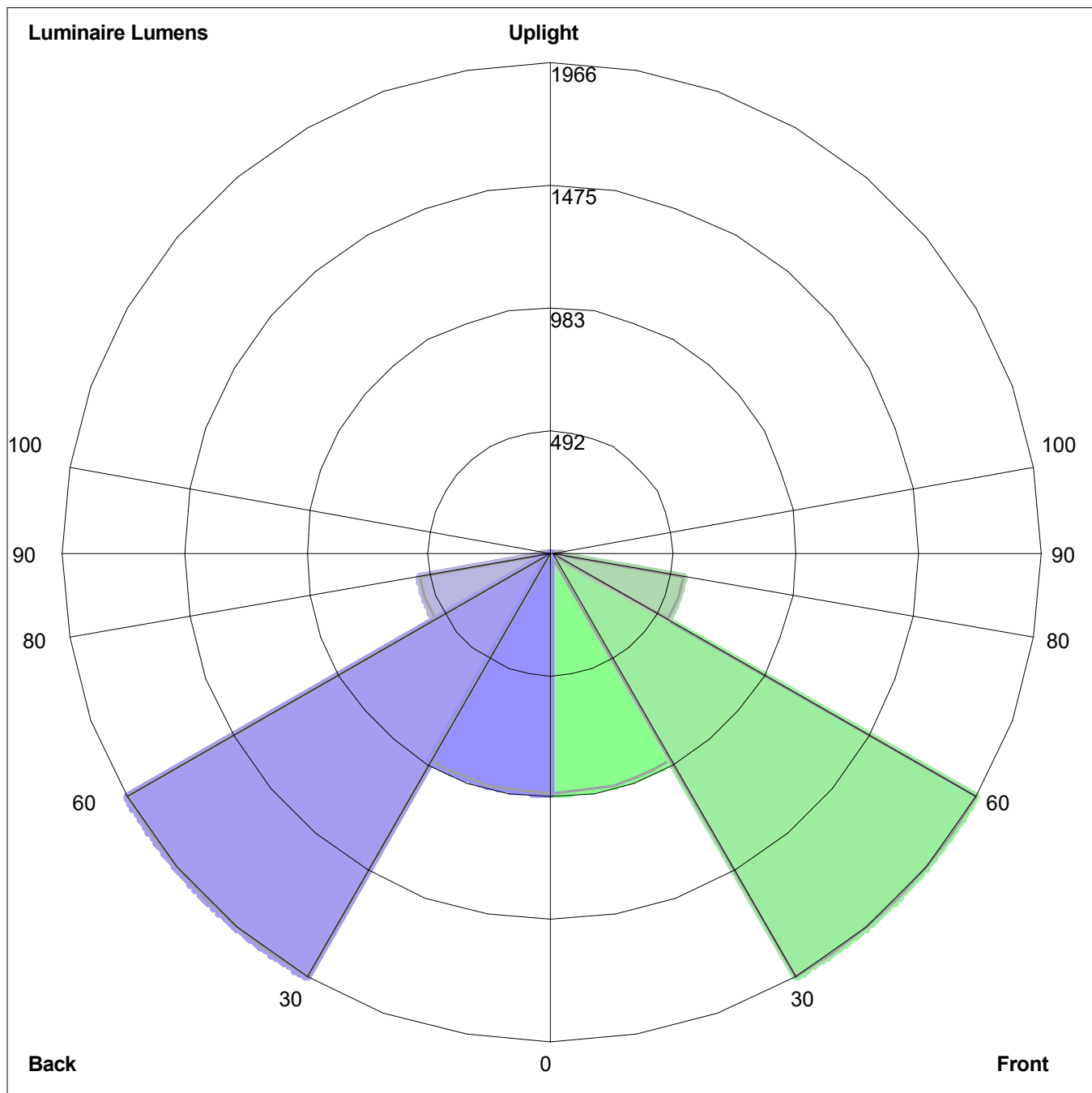


Maximum Candela = 2391 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=966.2, Medium=1966.3, High=537.6, Very High=34.8
Back: Low=966.2, Medium=1966.3, High=537.6, Very High=34.8
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1