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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12155
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 08/27/20
[TESTDATE] 08/19/20
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] CRUS_SM-SC-SLW-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	5585
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	38
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1798
Maximum Candela Angle	0H 5V
Maximum Candela (<90 Degrees Vertical)	1798
Maximum Candela Angle (<90 Degrees Vertical)	0H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	152 (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)	729.3	N.A.	13.1
FM - Front-Medium (30-60)	1505.4	N.A.	27.0
FH - Front-High (60-80)	529.1	N.A.	9.5
FVH - Front-Very High (80-90)	28.9	N.A.	0.5
BL - Back-Low (0-30)	729.3	N.A.	13.1
BM - Back-Medium (30-60)	1505.4	N.A.	27.0
BH - Back-High (60-80)	529.1	N.A.	9.5
BVH - Back-Very High (80-90)	28.9	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	5585.4	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	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787
2.5	1787	1788	1792	1788	1791	1789	1787	1792	1790	1785
5.0	1798	1788	1792	1786	1790	1793	1792	1789	1783	1788
7.5	1796	1785	1788	1788	1789	1793	1784	1789	1788	1784
10.0	1787	1784	1780	1788	1782	1793	1787	1779	1785	1778
12.5	1785	1776	1777	1777	1778	1778	1786	1778	1773	1773
15.0	1777	1765	1766	1774	1773	1764	1773	1769	1764	1765
17.5	1758	1757	1755	1759	1762	1754	1757	1762	1757	1754
20.0	1750	1747	1746	1748	1748	1743	1745	1742	1746	1741
22.5	1732	1729	1729	1726	1729	1725	1730	1729	1729	1721
25.0	1704	1708	1706	1709	1712	1706	1714	1714	1702	1705
27.5	1687	1683	1683	1681	1685	1685	1684	1684	1680	1682
30.0	1654	1651	1647	1652	1658	1650	1650	1654	1655	1643
32.5	1615	1613	1612	1617	1622	1616	1612	1617	1618	1614
35.0	1583	1578	1576	1575	1578	1576	1573	1576	1577	1581
37.5	1529	1532	1533	1531	1529	1533	1529	1532	1537	1534
40.0	1480	1484	1482	1482	1478	1484	1480	1483	1487	1480
42.5	1427	1431	1427	1431	1431	1430	1427	1429	1432	1426
45.0	1368	1370	1372	1375	1372	1368	1367	1367	1371	1369
47.5	1311	1308	1306	1307	1305	1304	1300	1309	1305	1307
50.0	1235	1240	1240	1239	1241	1236	1234	1241	1237	1235
52.5	1167	1169	1164	1162	1165	1164	1165	1167	1164	1162
55.0	1091	1093	1086	1084	1086	1088	1090	1090	1088	1082
57.5	1011	1008	1004	1005	1005	1007	1006	1008	1000	995
60.0	917	919	916	920	918	922	922	918	917	907
62.5	824	823	825	828	828	827	829	825	825	818
65.0	715	722	729	732	734	729	728	726	730	725
67.5	614	619	628	633	630	624	628	627	624	618
70.0	505	507	517	525	527	522	526	522	516	506
72.5	411	412	411	410	420	417	418	413	415	410
75.0	321	322	319	317	318	314	319	321	321	322
77.5	229	234	232	230	229	220	234	235	235	231
80.0	146	152	151	147	150	150	151	145	152	150
82.5	80	87	89	86	86	80	84	85	88	88
85.0	36	38	39	40	38	38	38	39	39	41
87.5	13	13	13	13	13	13	13	14	14	14
90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles
	90
0.0	1787
2.5	1794
5.0	1785
7.5	1790
10.0	1778
12.5	1779
15.0	1763
17.5	1760
20.0	1745
22.5	1728
25.0	1702
27.5	1683

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CANDELA TABULATION - (Cont.)

30.0	1648
32.5	1612
35.0	1578
37.5	1526
40.0	1484
42.5	1424
45.0	1372
47.5	1309
50.0	1237
52.5	1159
55.0	1082
57.5	995
60.0	907
62.5	820
65.0	720
67.5	615
70.0	504
72.5	413
75.0	315
77.5	224
80.0	143
82.5	83
85.0	38
87.5	14
90.0	0

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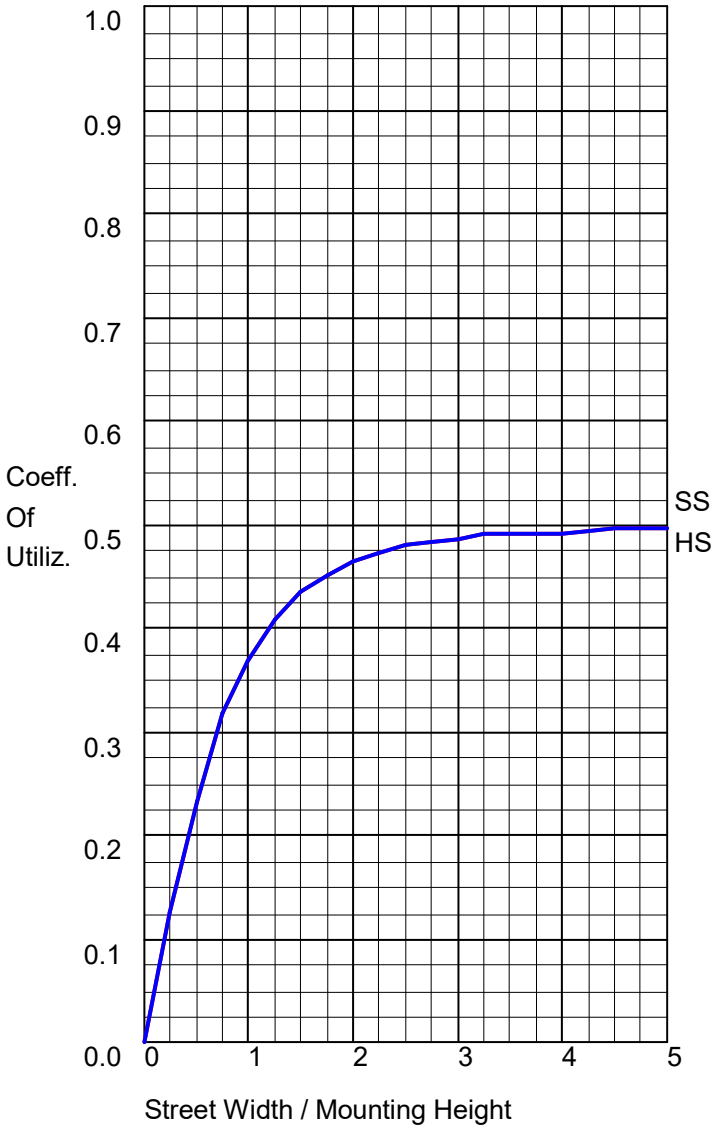
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2792.7	50.0
Downward House Side	2792.7	50.0
Downward Total	5585.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5585.4	100.0

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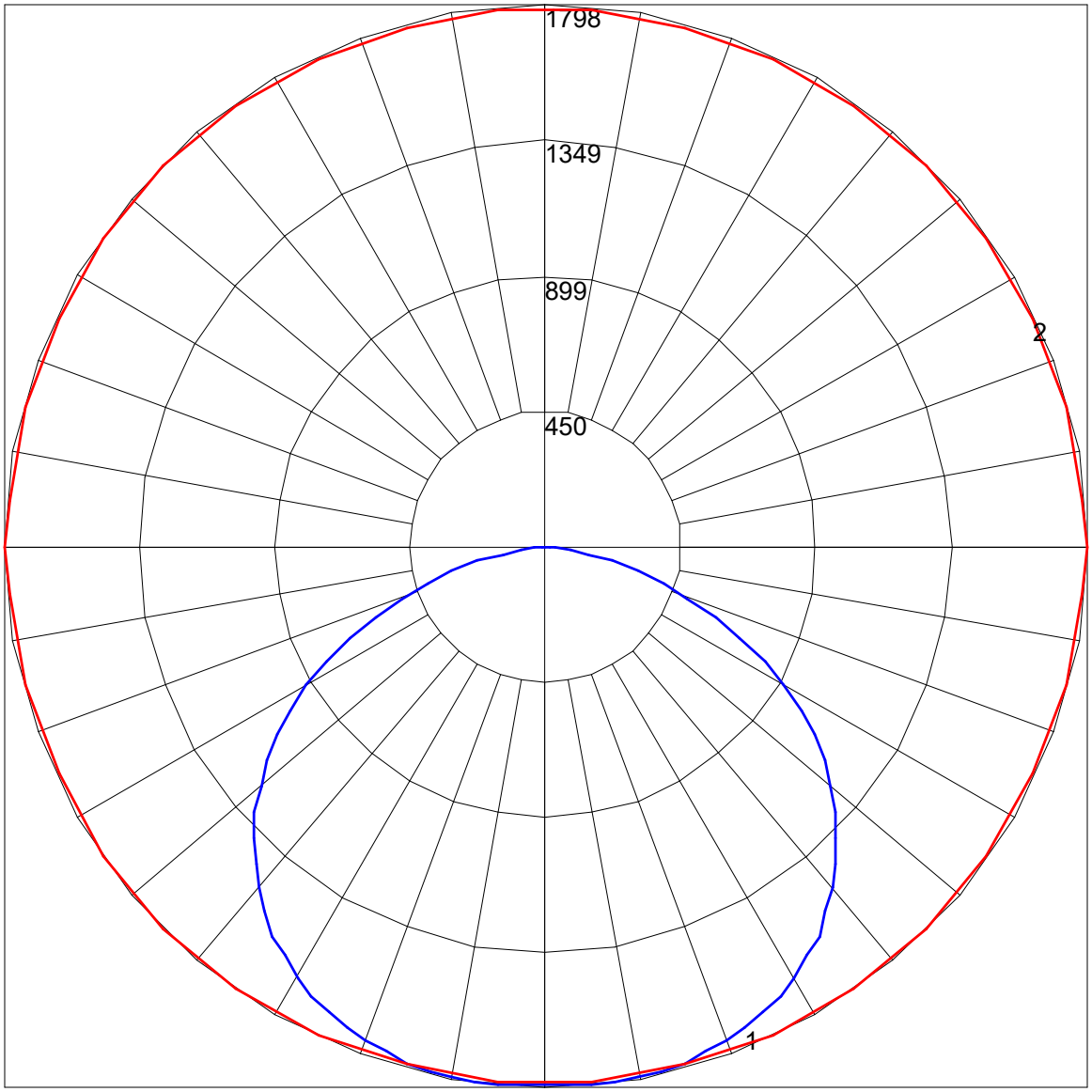
POLAR GRAPH



Maximum Candela = 1798 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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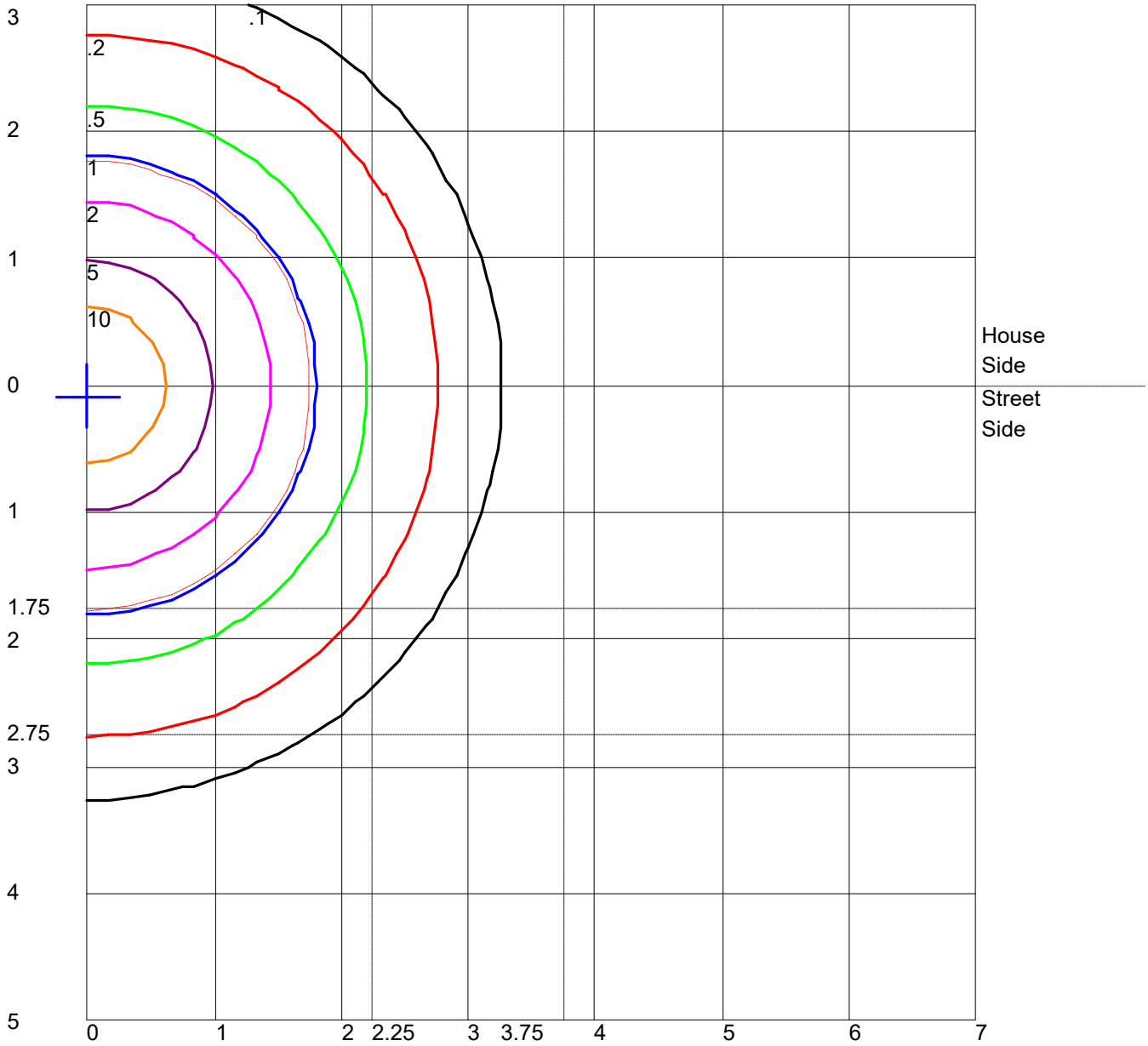
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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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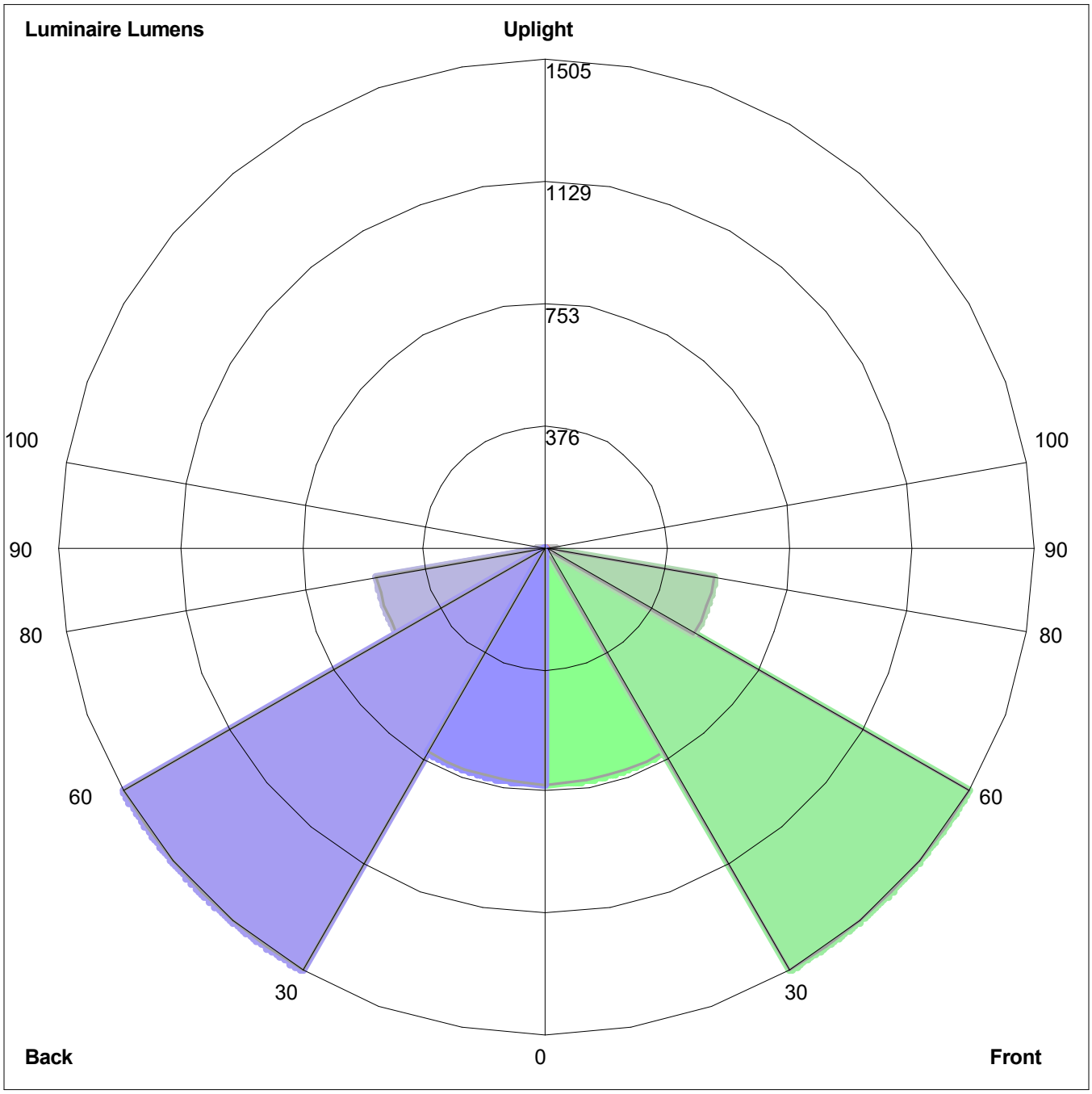
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=729.3, Medium=1505.4, High=529.1, Very High=28.9
Back: Low=729.3, Medium=1505.4, High=529.1, Very High=28.9
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1

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