



## IES ROAD REPORT

PHOTOMETRIC FILENAME : EXN-EGLED-06L-T5N-30-70CRI.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] LED-10477  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUE DATE] 01/23/2020  
[TEST DATE] 08/04/18  
[MANUFACTURER] LSI INDUSTRIES, INC.  
[LUMCAT] EXN-EGLED-06L-T5N-30-70CRI  
[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	6040
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	44
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1429
Maximum Candela Angle	5H 47.5V
Maximum Candela (<90 Degrees Vertical)	1429
Maximum Candela Angle (<90 Degrees Vertical)	5H 47.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	441 (7.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : EXN-EGLED-06L-T5N-30-70CRI.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	434.5	N.A.	7.2
FM - Front-Medium (30-60)	1571.6	N.A.	26.0
FH - Front-High (60-80)	914.5	N.A.	15.1
FVH - Front-Very High (80-90)	99.2	N.A.	1.6
BL - Back-Low (0-30)	434.5	N.A.	7.2
BM - Back-Medium (30-60)	1571.6	N.A.	26.0
BH - Back-High (60-80)	914.5	N.A.	15.1
BVH - Back-Very High (80-90)	99.2	N.A.	1.6
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	6039.6	N.A.	100.0
BUG Rating	B2-U0-G1		

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**CANDELA TABULATION**

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>15</u>	<u>25</u>	<u>35</u>	<u>45</u>	<u>55</u>	<u>65</u>	<u>75</u>	<u>85</u>
0.0	818	818	818	818	818	818	818	818	818	818
2.5	820	820	820	820	820	819	820	820	820	820
5.0	828	827	827	827	828	827	828	828	828	828
7.5	842	842	841	841	841	843	842	842	842	842
10.0	864	864	865	864	864	864	864	865	864	865
12.5	892	892	893	894	893	893	893	893	892	893
15.0	927	927	929	929	928	928	927	927	927	928
17.5	968	969	969	970	970	969	968	968	969	970
20.0	1014	1015	1017	1017	1017	1016	1014	1014	1017	1017
22.5	1065	1067	1067	1067	1067	1068	1066	1067	1067	1068
25.0	1122	1121	1121	1121	1121	1122	1121	1123	1121	1121
27.5	1179	1178	1176	1176	1176	1177	1178	1178	1177	1176
30.0	1232	1231	1229	1229	1229	1230	1231	1231	1230	1229
32.5	1281	1281	1279	1278	1278	1279	1280	1280	1280	1278
35.0	1325	1325	1323	1321	1322	1324	1324	1324	1324	1323
37.5	1362	1362	1361	1360	1359	1360	1360	1360	1361	1361
40.0	1391	1391	1391	1390	1390	1390	1390	1390	1390	1390
42.5	1412	1413	1412	1412	1410	1410	1410	1411	1411	1412
45.0	1426	1426	1425	1424	1423	1422	1424	1424	1424	1424
47.5	1429	1429	1428	1425	1424	1425	1426	1426	1426	1426
50.0	1422	1420	1421	1416	1415	1416	1415	1415	1419	1417
52.5	1401	1400	1401	1397	1395	1396	1393	1394	1398	1398
55.0	1371	1369	1370	1366	1364	1364	1362	1364	1367	1367
57.5	1328	1327	1327	1323	1320	1320	1320	1321	1323	1324
60.0	1270	1272	1270	1266	1264	1265	1265	1267	1269	1268
62.5	1199	1205	1203	1198	1196	1196	1197	1199	1201	1200
65.0	1121	1126	1119	1115	1117	1117	1118	1121	1120	1117
67.5	1035	1035	1030	1025	1023	1023	1027	1030	1029	1027
70.0	933	932	932	926	924	927	928	928	931	929
72.5	821	819	824	820	818	818	810	809	824	823
75.0	702	693	703	707	705	698	685	687	700	709
77.5	574	558	569	582	577	565	555	556	565	583
80.0	441	424	428	434	440	424	423	425	427	441
82.5	308	295	286	298	300	290	295	295	289	297
85.0	179	168	160	168	168	163	168	171	163	168
87.5	58	55	52	54	54	53	56	58	53	55
90.0	0	0	0	0	0	0	0	0	0	0

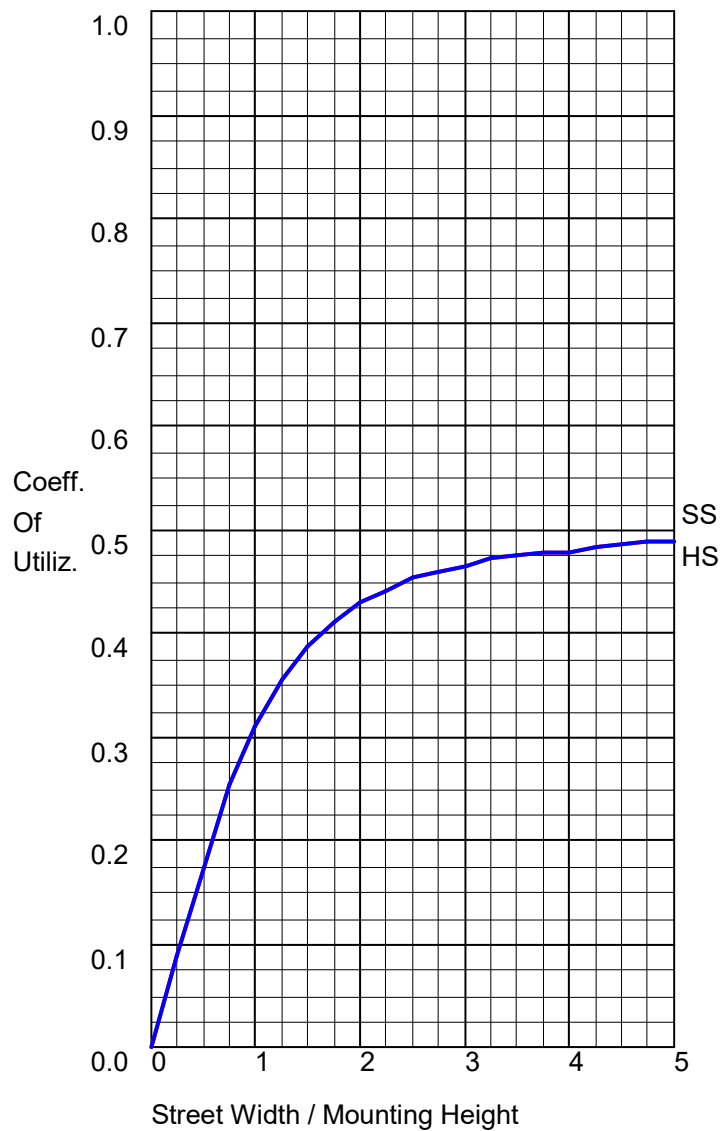
Vert. Angles	Horizontal Angles
	<u>90</u>
0.0	818
2.5	821
5.0	827
7.5	841
10.0	863
12.5	892
15.0	930
17.5	970
20.0	1018
22.5	1068
25.0	1121
27.5	1175

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**CANDELA TABULATION - (Cont.)**

<b>30.0</b>	1229
<b>32.5</b>	1278
<b>35.0</b>	1321
<b>37.5</b>	1360
<b>40.0</b>	1390
<b>42.5</b>	1412
<b>45.0</b>	1424
<b>47.5</b>	1424
<b>50.0</b>	1415
<b>52.5</b>	1396
<b>55.0</b>	1365
<b>57.5</b>	1320
<b>60.0</b>	1262
<b>62.5</b>	1191
<b>65.0</b>	1111
<b>67.5</b>	1022
<b>70.0</b>	919
<b>72.5</b>	805
<b>75.0</b>	681
<b>77.5</b>	554
<b>80.0</b>	426
<b>82.5</b>	285
<b>85.0</b>	163
<b>87.5</b>	56
<b>90.0</b>	0

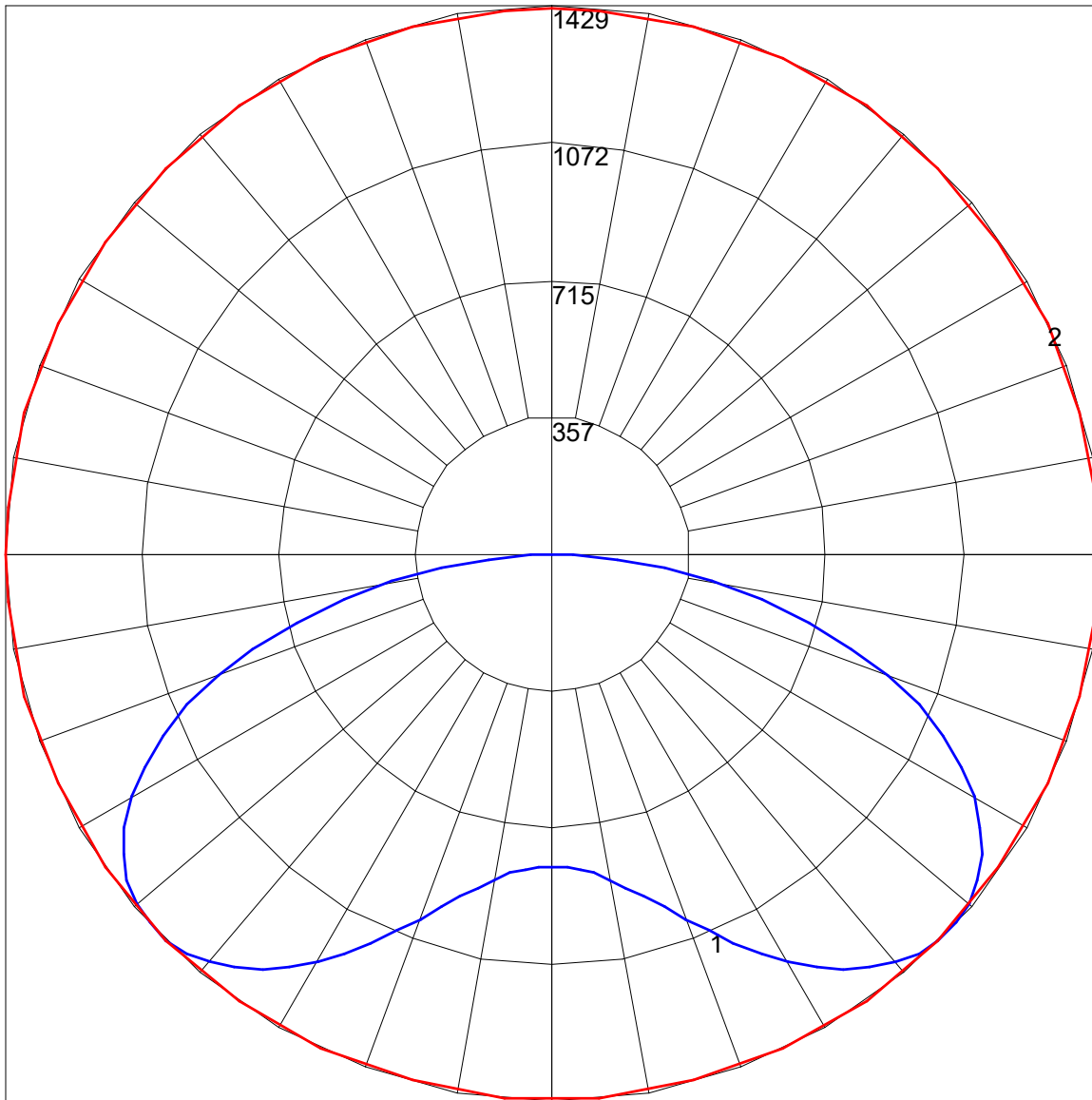
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

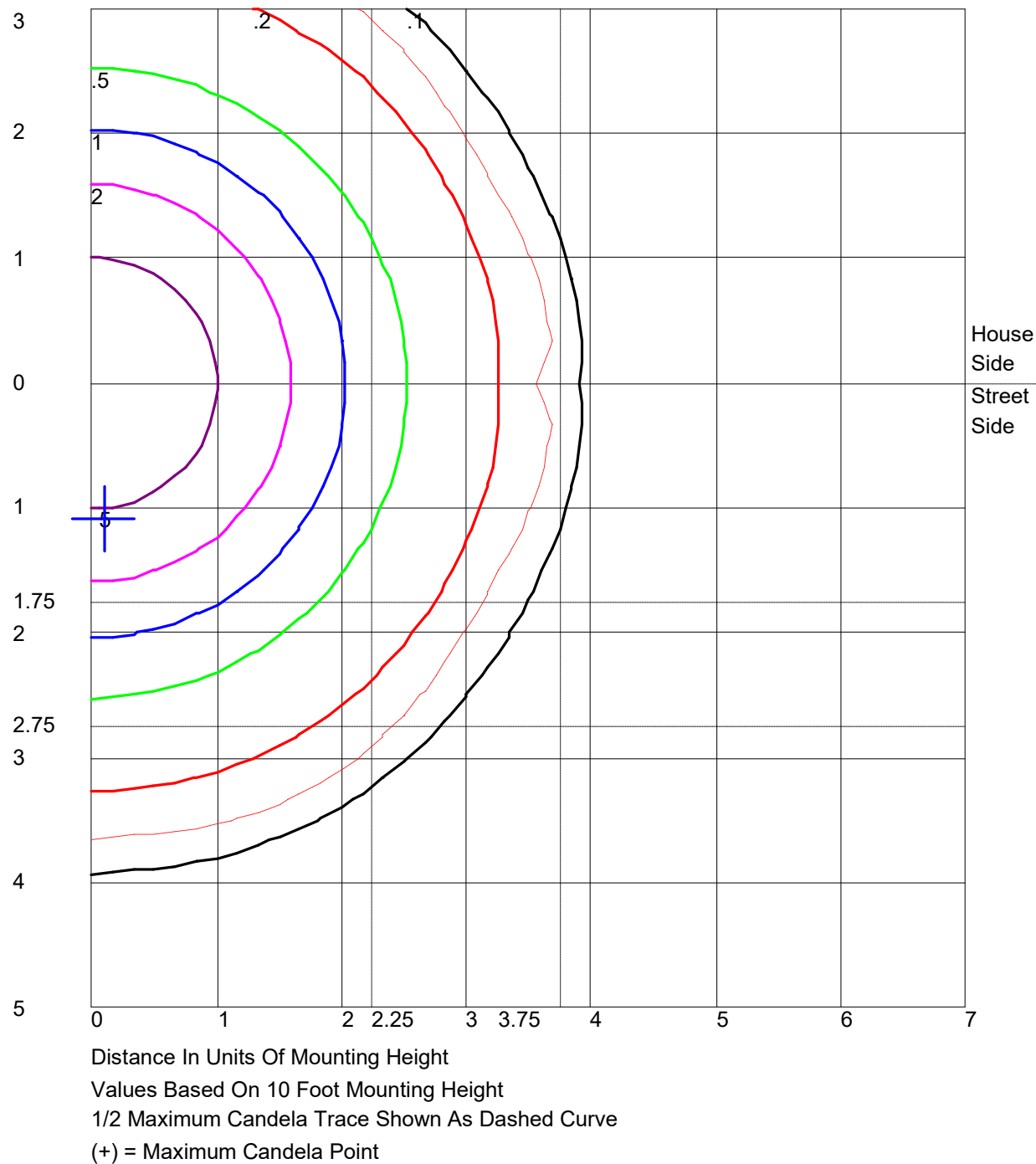
	Lumens	Percent Of Luminaire
Downward Street Side	3019.8	50.0
Downward House Side	3019.8	50.0
Downward Total	6039.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6039.6	100.0

POLAR GRAPH

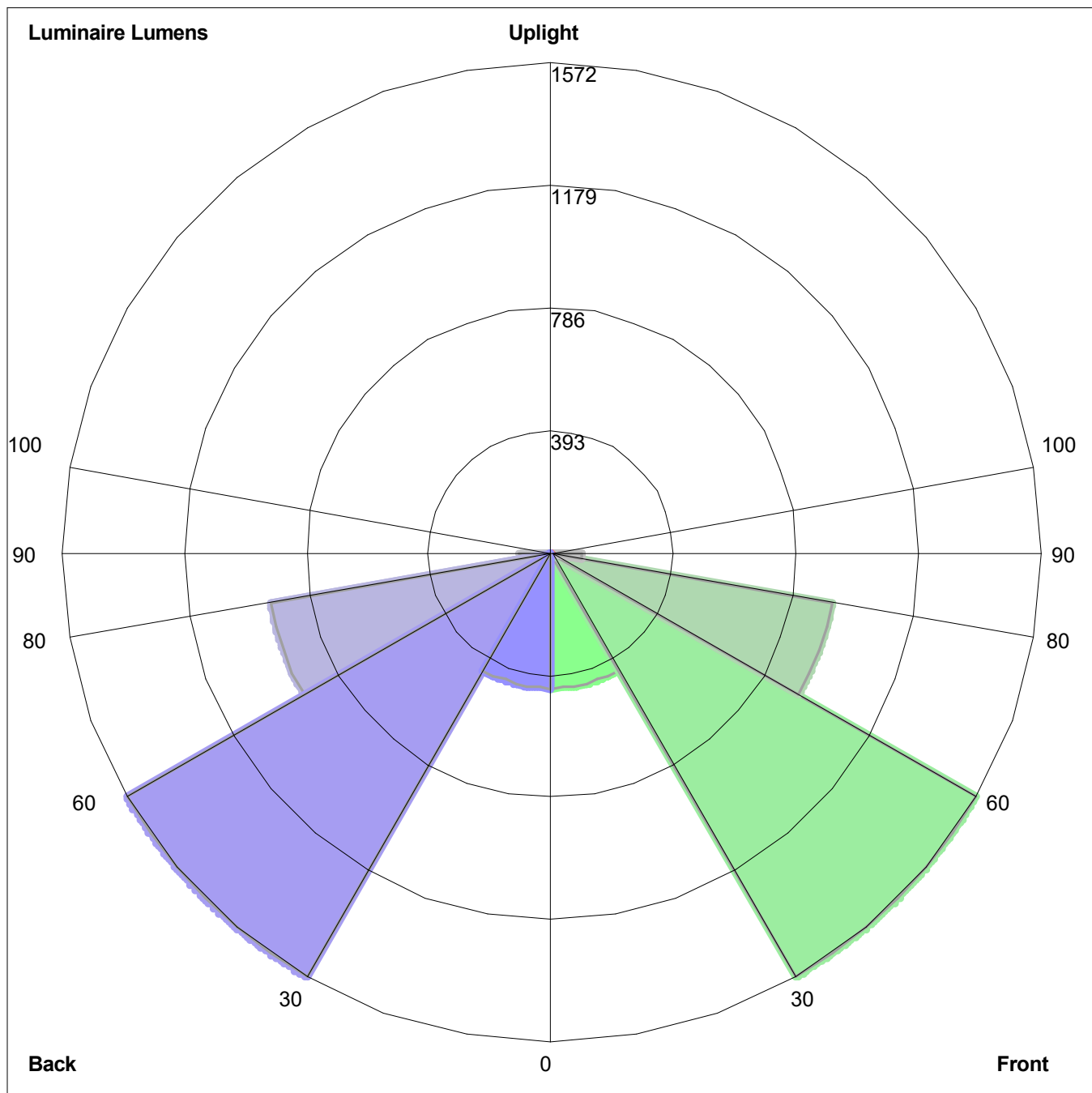


Maximum Candela = 1429 Located At Horizontal Angle = 5, Vertical Angle = 47.5  
# 1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (47.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=434.5, Medium=1571.6, High=914.5, Very High=99.2  
Back: Low=434.5, Medium=1571.6, High=914.5, Very High=99.2  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1