



IES ROAD REPORT

PHOTOMETRIC FILENAME : EXN-EGLED-03L-T5W-30-70CRI.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-10411
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 01/23/2020
[TEST DATE] 07/19/18
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] EXN-EGLED-03L-T5W-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	2971
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	22
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	768
Maximum Candela Angle	25H 60V
Maximum Candela (<90 Degrees Vertical)	768
Maximum Candela Angle (<90 Degrees Vertical)	25H 60V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	306 (10.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : EXN-EGLED-03L-T5W-30-70CRI.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	111.0	N.A.	3.7
FM - Front-Medium (30-60)	707.6	N.A.	23.8
FH - Front-High (60-80)	597.9	N.A.	20.1
FVH - Front-Very High (80-90)	68.7	N.A.	2.3
BL - Back-Low (0-30)	111.0	N.A.	3.7
BM - Back-Medium (30-60)	707.6	N.A.	23.8
BH - Back-High (60-80)	597.9	N.A.	20.1
BVH - Back-Very High (80-90)	68.7	N.A.	2.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	2970.4	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	131	131	131	131	131	131	131	131	131	131
2.5	131	132	132	132	132	131	131	131	131	131
5.0	136	136	136	136	136	136	136	136	136	136
7.5	146	146	145	145	145	145	145	145	144	145
10.0	159	158	158	157	157	157	157	156	156	156
12.5	176	175	175	175	174	174	174	173	172	173
15.0	198	197	197	196	195	195	195	194	193	193
17.5	224	223	223	221	220	220	220	219	219	218
20.0	254	254	253	252	251	251	250	248	248	246
22.5	288	288	288	287	285	285	282	281	280	279
25.0	325	325	325	324	322	320	318	316	315	315
27.5	365	365	365	364	361	358	356	353	352	352
30.0	406	406	406	404	400	396	394	392	391	391
32.5	445	445	445	444	440	436	432	429	428	428
35.0	483	485	484	482	479	474	469	466	464	465
37.5	521	523	521	519	515	511	506	502	500	499
40.0	559	560	556	554	550	544	540	536	533	533
42.5	593	593	589	587	583	576	573	570	566	565
45.0	623	625	622	620	615	609	604	600	596	595
47.5	653	655	656	652	648	642	635	629	628	627
50.0	680	683	687	684	679	673	661	656	658	657
52.5	703	708	715	716	709	701	686	681	687	690
55.0	719	725	738	742	737	724	704	699	710	717
57.5	726	735	754	761	757	741	715	709	727	737
60.0	726	737	760	768	764	746	717	712	734	744
62.5	718	729	752	760	756	739	709	705	726	736
65.0	698	708	730	736	731	717	689	684	705	713
67.5	662	672	693	695	690	681	655	651	670	673
70.0	609	621	643	637	633	632	605	602	621	618
72.5	542	559	578	568	567	568	544	541	559	552
75.0	469	486	497	488	487	490	473	470	482	474
77.5	386	401	404	399	396	401	390	388	391	386
80.0	292	306	306	305	302	300	298	295	297	294
82.5	196	206	206	207	205	203	202	200	200	201
85.0	109	112	113	115	113	112	112	112	110	114
87.5	37	36	36	40	38	38	41	42	41	44
90.0	0	0	0	0	0	0	0	0	0	0

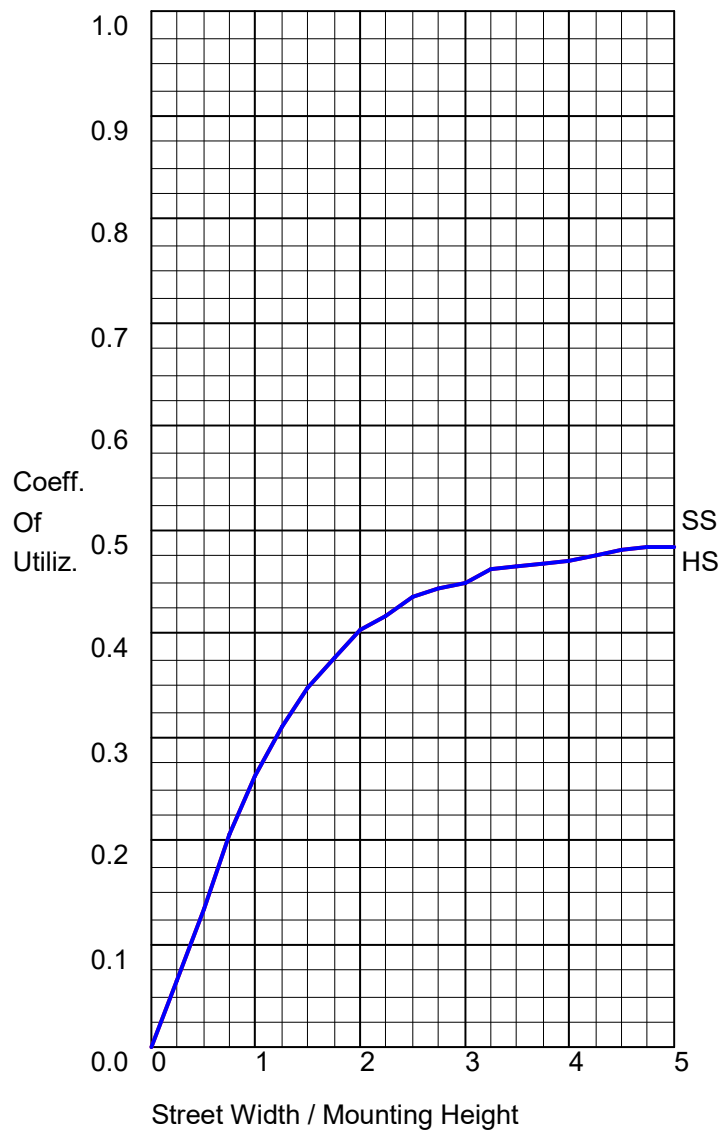
Vert. Angles	Horizontal Angles									
	<u>90</u>									
0.0	131									
2.5	131									
5.0	136									
7.5	145									
10.0	156									
12.5	173									
15.0	193									
17.5	217									
20.0	245									
22.5	279									
25.0	315									
27.5	354									

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CANDELA TABULATION - (Cont.)

30.0	392
32.5	429
35.0	465
37.5	498
40.0	532
42.5	563
45.0	595
47.5	627
50.0	659
52.5	690
55.0	719
57.5	736
60.0	742
62.5	735
65.0	711
67.5	671
70.0	617
72.5	550
75.0	473
77.5	388
80.0	295
82.5	202
85.0	115
87.5	44
90.0	0

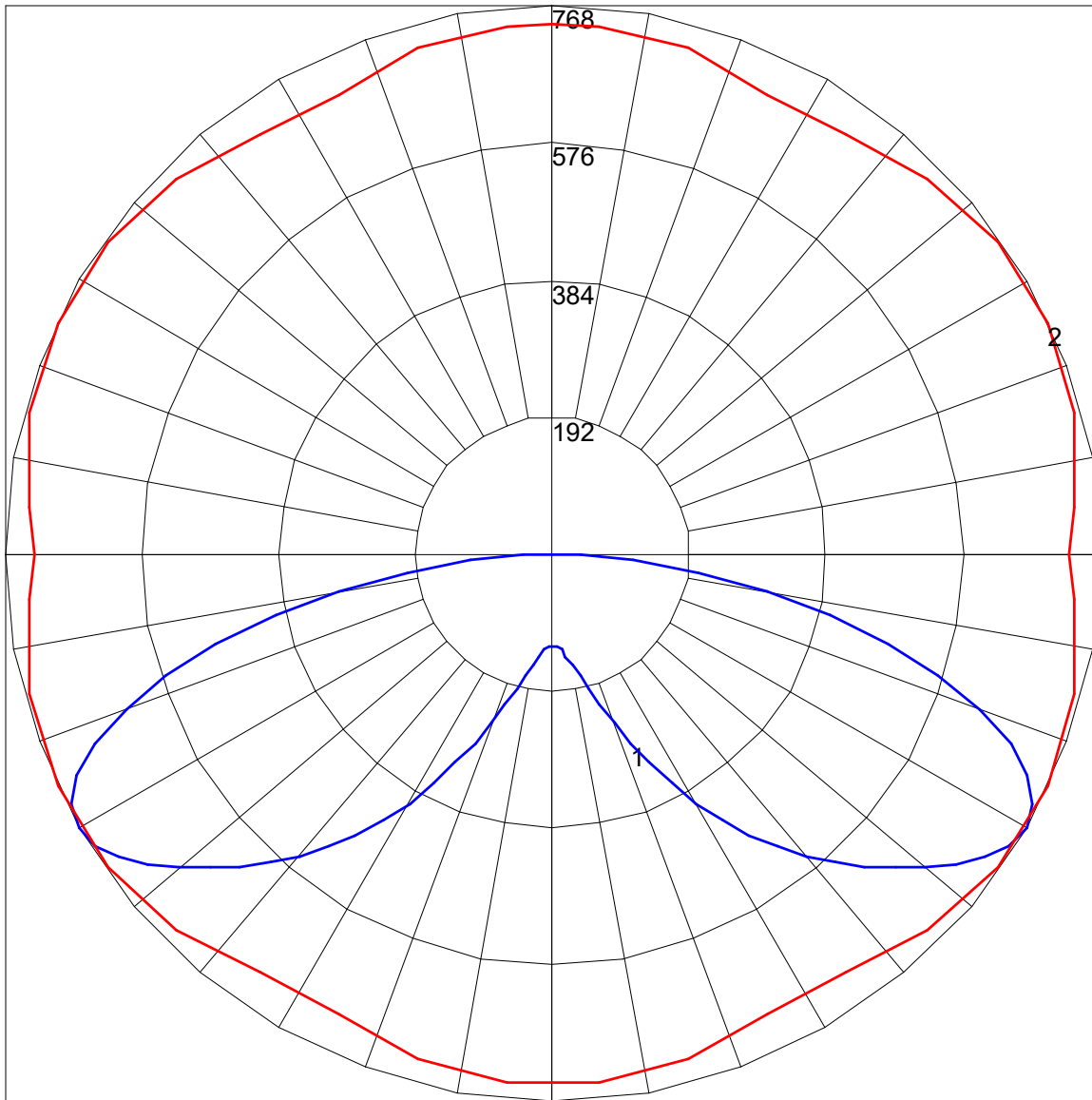
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

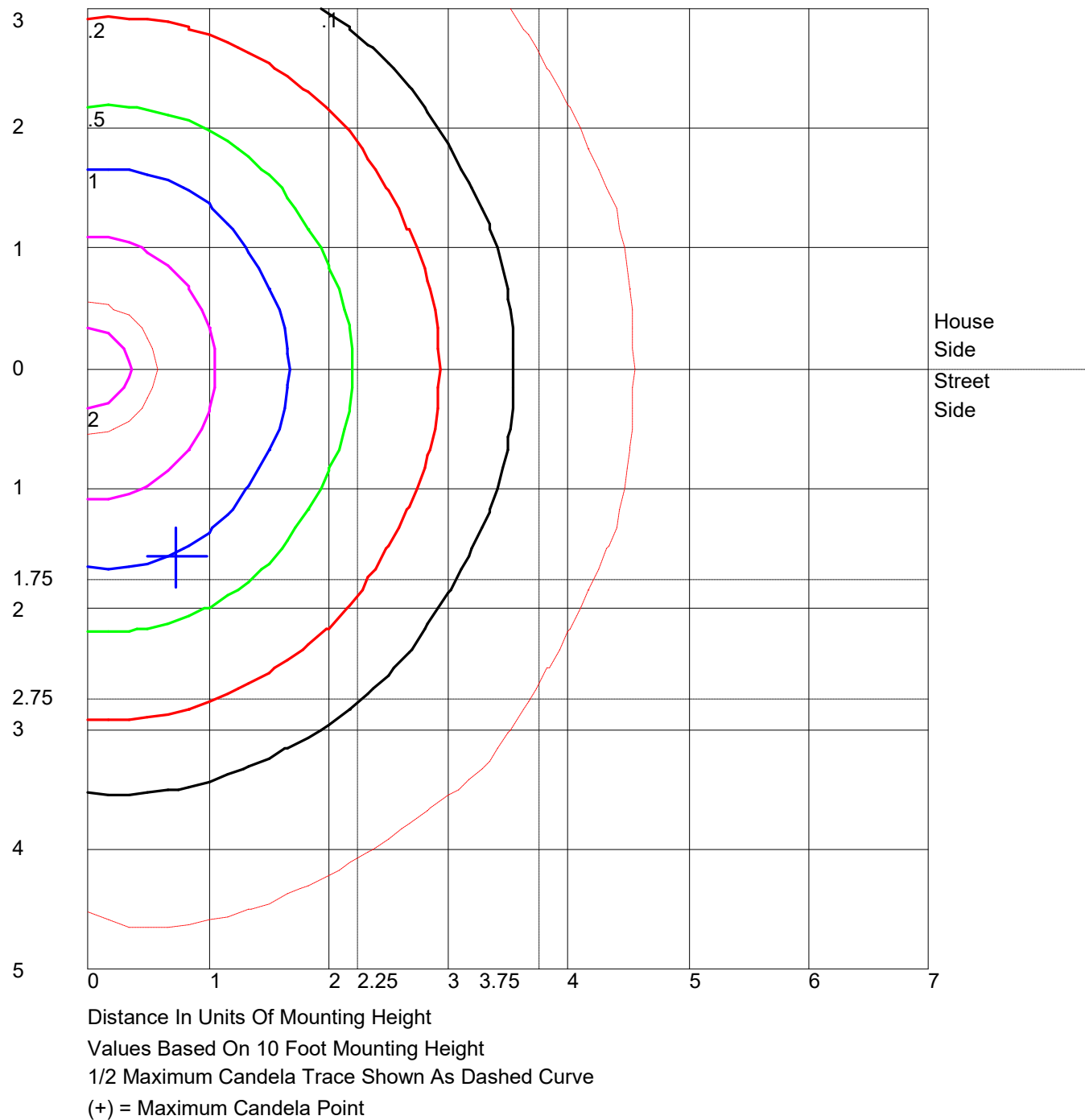
	Lumens	Percent Of Luminaire
Downward Street Side	1485.3	50.0
Downward House Side	1485.3	50.0
Downward Total	2970.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	2970.6	100.0

POLAR GRAPH

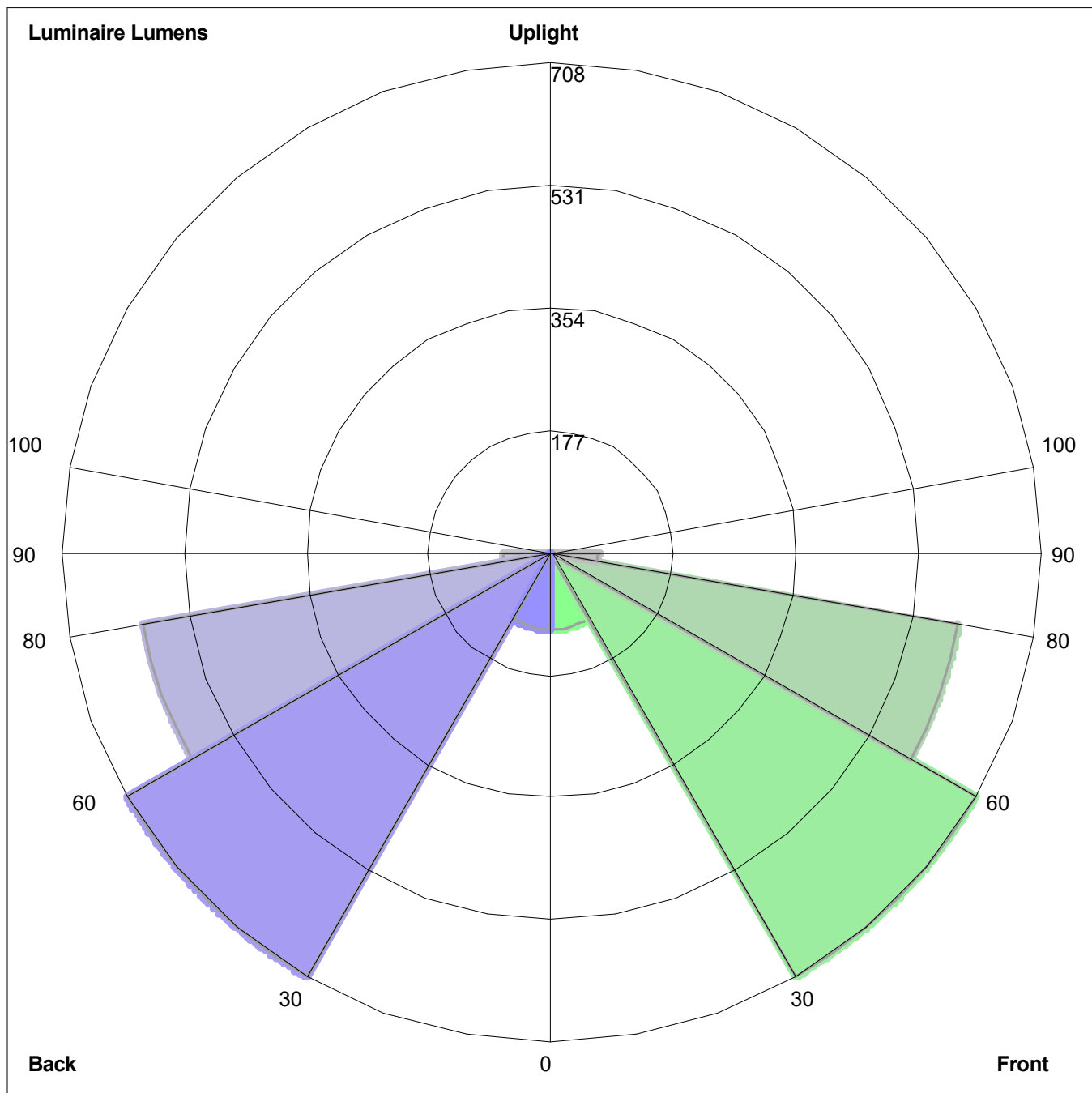


Maximum Candela = 768 Located At Horizontal Angle = 25, Vertical Angle = 60
1 - Vertical Plane Through Horizontal Angles (25 - 205) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=111.0, Medium=707.6, High=597.9, Very High=68.7
Back: Low=111.0, Medium=707.6, High=597.9, Very High=68.7
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1