



IES ROAD REPORT

PHOTOMETRIC FILENAME : EXN-EGLED-05L-T5N-30-70CRI.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-10477_scaled

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 01/23/2020

[TEST DATE] 08/04/18

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] EXN-EGLED-05L-T5N-30-70CRI

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

[OTHER] SCALED FROM ORIGINAL TEST DATA

[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	5060
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	37
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1198
Maximum Candela Angle	5H 47.5V
Maximum Candela (<90 Degrees Vertical)	1198
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	370 (7.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : EXN-EGLED-05L-T5N-30-70CRI.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	364.0	N.A.	7.2
FM - Front-Medium (30-60)	1316.8	N.A.	26.0
FH - Front-High (60-80)	766.2	N.A.	15.1
FVH - Front-Very High (80-90)	83.1	N.A.	1.6
BL - Back-Low (0-30)	364.0	N.A.	7.2
BM - Back-Medium (30-60)	1316.8	N.A.	26.0
BH - Back-High (60-80)	766.2	N.A.	15.1
BVH - Back-Very High (80-90)	83.1	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	5060.2	N.A.	100.0
BUG Rating	B2-U0-G1		

IES ROAD REPORT
PHOTOMETRIC FILENAME : EXN-EGLED-05L-T5N-30-70CRI.IES

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	685	685	685	685	685	685	685	685	685	685
2.5	687	687	687	687	687	686	687	687	687	687
5.0	694	693	693	693	694	693	694	694	694	694
7.5	706	706	705	705	705	707	706	706	706	706
10.0	724	724	725	724	724	724	724	725	724	725
12.5	747	747	748	749	748	748	748	748	747	748
15.0	776	776	778	778	777	777	776	776	776	777
17.5	811	812	812	813	813	812	811	811	812	813
20.0	849	850	852	852	852	851	849	849	852	852
22.5	892	894	894	894	894	895	893	894	894	895
25.0	940	939	939	939	939	940	939	941	939	939
27.5	988	987	985	985	985	986	987	987	986	985
30.0	1033	1031	1029	1029	1029	1030	1032	1031	1030	1029
32.5	1073	1073	1071	1071	1071	1071	1072	1072	1072	1071
35.0	1110	1110	1109	1107	1108	1109	1109	1109	1109	1109
37.5	1141	1141	1140	1140	1139	1140	1140	1140	1140	1140
40.0	1166	1166	1166	1165	1164	1164	1164	1165	1165	1165
42.5	1183	1184	1183	1183	1182	1182	1182	1182	1182	1183
45.0	1194	1195	1194	1193	1192	1191	1193	1193	1193	1193
47.5	1198	1198	1197	1194	1193	1194	1194	1195	1195	1194
50.0	1191	1190	1190	1186	1186	1186	1186	1186	1189	1187
52.5	1174	1173	1174	1171	1169	1170	1167	1168	1171	1171
55.0	1148	1147	1148	1144	1143	1143	1141	1143	1145	1145
57.5	1113	1112	1112	1109	1106	1106	1106	1107	1109	1109
60.0	1064	1066	1064	1061	1059	1060	1060	1062	1063	1063
62.5	1005	1010	1008	1004	1002	1002	1003	1005	1006	1006
65.0	939	944	937	934	936	936	937	939	938	936
67.5	867	867	863	859	857	857	860	863	862	860
70.0	782	781	781	776	774	776	777	777	780	778
72.5	688	686	690	687	685	685	679	678	690	689
75.0	588	581	589	592	591	584	574	576	586	594
77.5	481	467	477	488	484	473	465	466	473	489
80.0	370	355	358	364	369	355	354	356	358	370
82.5	258	247	240	250	251	243	247	247	242	249
85.0	150	141	134	140	140	136	141	144	136	140
87.5	48	46	44	45	45	44	47	48	44	46
90.0	0	0	0	0	0	0	0	0	0	0

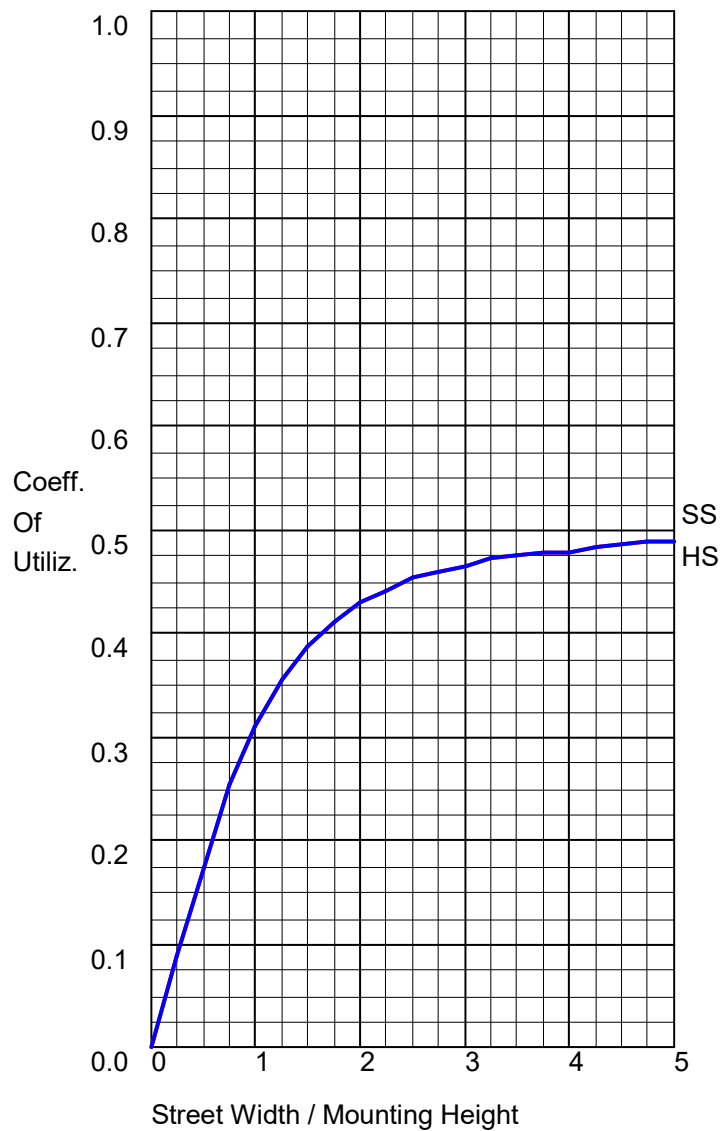
Vert. Angles	Horizontal Angles
	<u>90</u>
0.0	685
2.5	688
5.0	693
7.5	705
10.0	723
12.5	747
15.0	779
17.5	813
20.0	853
22.5	895
25.0	939
27.5	984

IES ROAD REPORT
PHOTOMETRIC FILENAME : EXN-EGLED-05L-T5N-30-70CRI.IES

CANDELA TABULATION - (Cont.)

30.0	1029
32.5	1071
35.0	1107
37.5	1140
40.0	1165
42.5	1183
45.0	1193
47.5	1193
50.0	1186
52.5	1170
55.0	1144
57.5	1106
60.0	1057
62.5	998
65.0	931
67.5	856
70.0	770
72.5	674
75.0	570
77.5	464
80.0	357
82.5	239
85.0	136
87.5	47
90.0	0

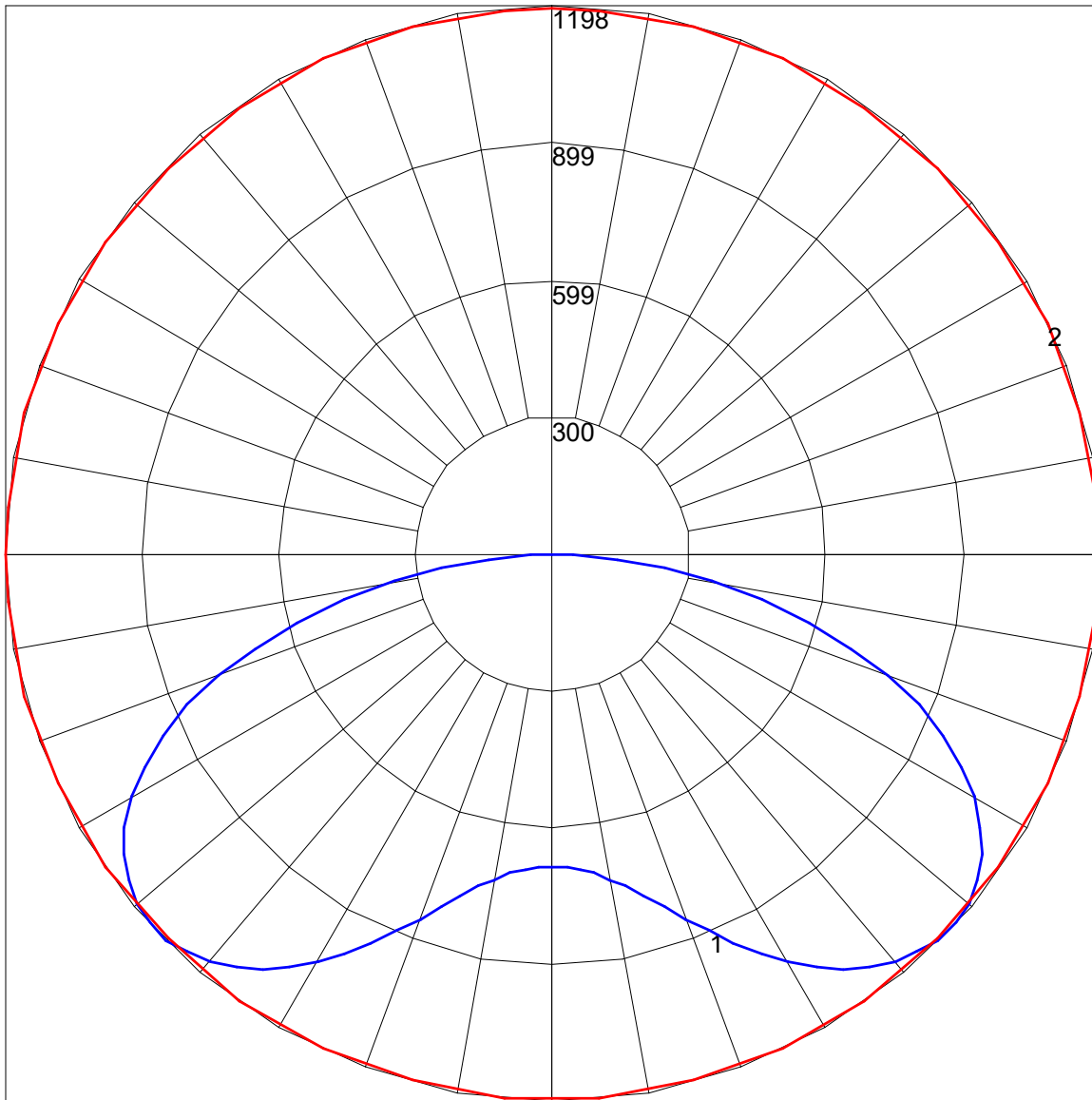
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

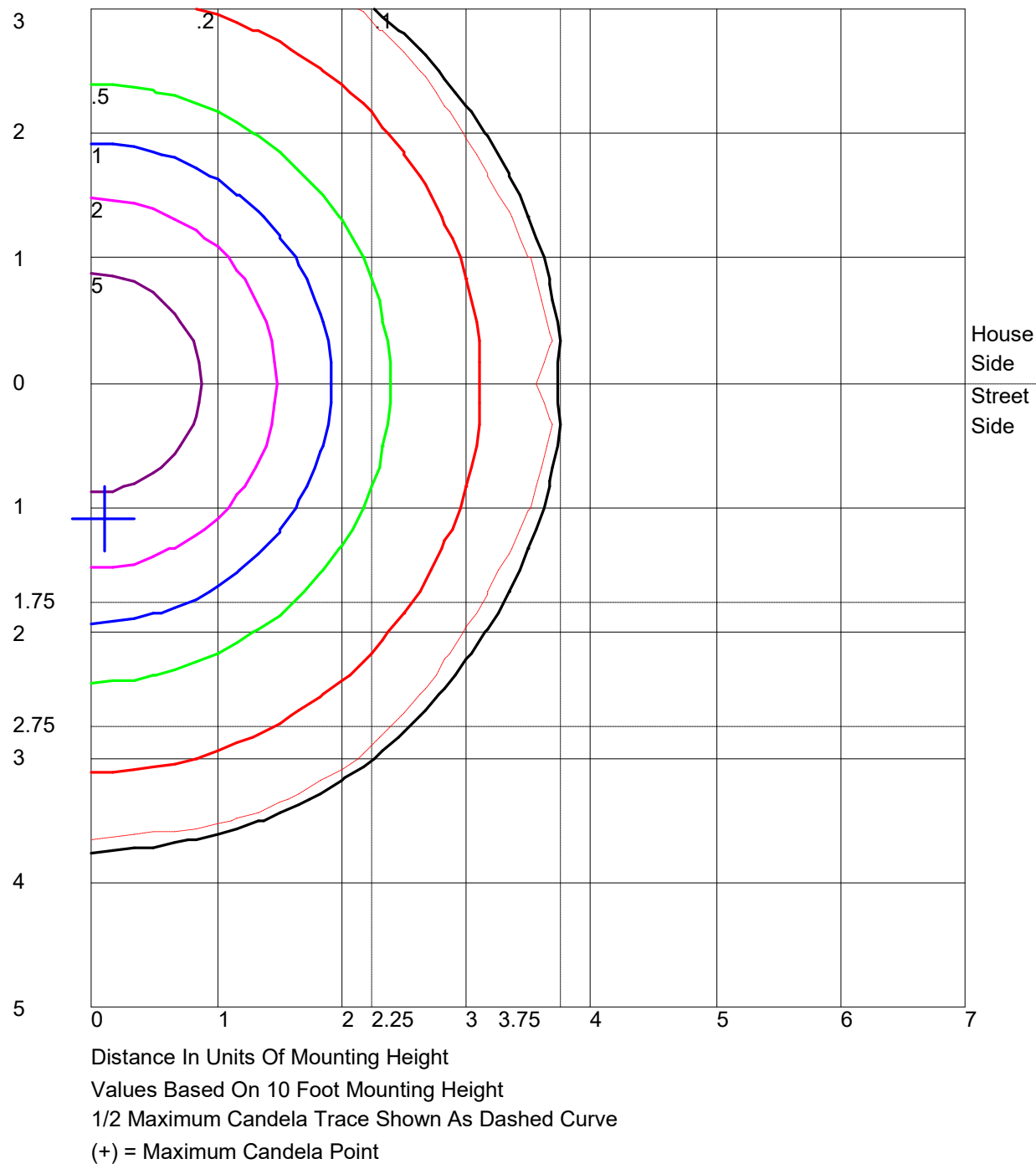
	Lumens	Percent Of Luminaire
Downward Street Side	2530.0	50.0
Downward House Side	2530.0	50.0
Downward Total	5060.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5060.0	100.0

POLAR GRAPH

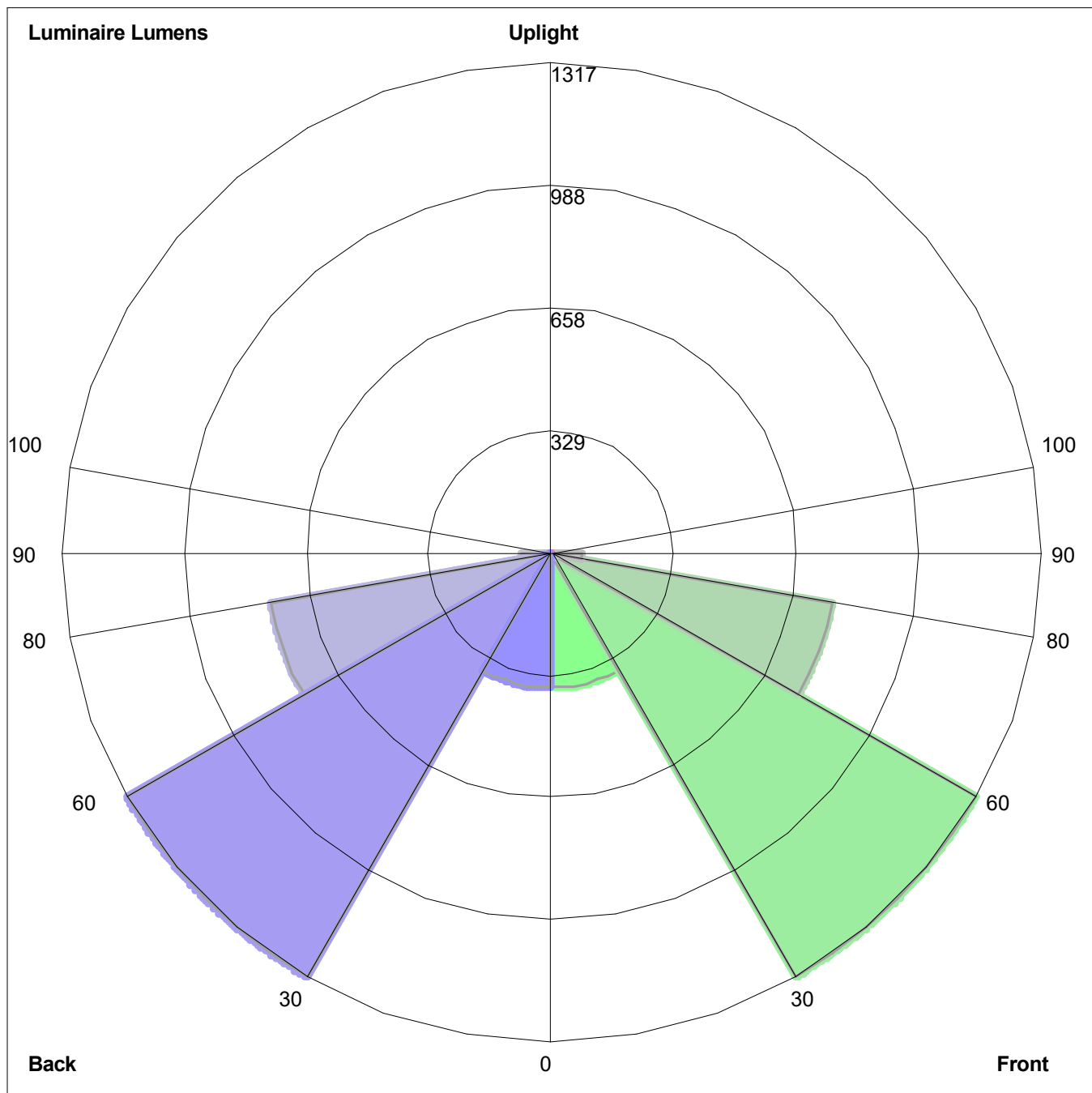


Maximum Candela = 1198 Located At Horizontal Angle = 5, Vertical Angle = 47.5
1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (47.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=364.0, Medium=1316.8, High=766.2, Very High=83.1
Back: Low=364.0, Medium=1316.8, High=766.2, Very High=83.1
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1