



IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 68260LC00043501
[TESTLAB] Shenzhen Anbotek Pengcheng Compliance Laboratory Limited
[TESTDATE] 2020-11-9
[ISSUE DATE] 2022-09-20
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] CBR8-2L-40
[TEST PROCEDURE] PROCEDURE IESNA LM-79-19
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[FACTORED] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor
[SEARCH_COLORTEMP] 4000

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2428
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	18
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Maximum Candela	1260.303
Maximum Candela Angle	90H 56V
Maximum Candela (<90 Degrees Vertical)	1260.303
Maximum Candela Angle (<90 Degrees Vertical)	90H 56V
Maximum Candela At 90 Degrees Vertical	43.671 (1.8% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	158.557 (6.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	38.5	N.A.	1.6
FM - Front-Medium (30-60)	704.4	N.A.	29.0
FH - Front-High (60-80)	370.5	N.A.	15.3
FVH - Front-Very High (80-90)	40.8	N.A.	1.7
BL - Back-Low (0-30)	37.6	N.A.	1.6
BM - Back-Medium (30-60)	656.0	N.A.	27.0
BH - Back-High (60-80)	362.7	N.A.	14.9
BVH - Back-Very High (80-90)	41.5	N.A.	1.7
UL - Uplight-Low (90-100)	59.2	N.A.	2.4
UH - Uplight-High (100-180)	116.3	N.A.	4.8
Total	2427.5	N.A.	100.0
BUG Rating	B1-U3-G1		

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.181	0.543	0.543	0.543	0.543	0.362	0.181	0.000	0.181	0.543
9	1.268	1.449	1.449	1.812	1.449	1.087	1.087	0.725	0.543	0.362
10	1.812	1.993	2.537	2.537	2.174	1.812	1.631	1.812	1.449	1.268
11	2.718	2.718	3.080	3.080	3.262	2.718	2.537	2.537	2.356	1.993
12	3.624	3.624	3.986	3.986	3.805	3.443	3.624	3.262	3.262	2.899
13	4.349	4.711	4.711	4.530	4.530	4.168	4.168	4.168	4.349	3.624
14	5.074	5.617	5.617	5.436	5.255	4.893	5.074	5.074	5.255	4.893
15	5.980	6.523	6.342	6.342	6.342	5.980	5.980	5.980	6.342	5.799
16	6.705	7.430	7.248	7.067	7.430	7.067	7.067	7.248	7.430	7.067
17	7.973	7.973	8.154	7.973	8.517	8.154	8.154	8.517	8.698	8.154
18	8.879	8.879	8.879	9.423	10.148	9.785	9.242	9.785	9.967	9.604
19	10.148	9.967	9.423	11.054	13.228	11.235	10.691	11.235	11.597	11.416
20	11.597	11.597	10.873	13.047	15.946	13.591	12.322	13.047	13.228	12.866
21	38.235	44.215	57.081	52.369	59.436	19.752	17.577	15.041	15.584	15.584
22	83.718	90.242	95.316	98.577	101.658	108.362	79.188	52.188	33.705	30.262
23	103.108	69.584	65.597	68.134	105.101	133.913	123.222	97.490	90.242	84.443
24	140.980	37.510	38.597	76.107	149.859	172.329	142.973	138.443	132.101	125.034
25	152.940	87.524	126.302	129.383	183.564	182.658	176.678	185.195	169.248	162.362
26	160.369	161.094	164.899	175.410	200.416	196.430	194.617	204.403	205.309	181.933
27	190.088	223.973	194.255	218.718	214.732	224.879	218.900	214.188	214.551	196.611
28	231.765	245.175	230.859	250.068	233.396	236.114	256.591	243.181	228.866	216.906
29	250.068	269.638	253.691	280.872	256.228	270.363	275.074	249.524	256.591	248.074
30	280.329	297.000	288.302	293.919	291.927	280.691	274.349	259.309	277.249	266.195
31	312.403	315.665	310.047	313.128	297.181	295.369	306.786	295.550	297.725	279.061
32	333.061	333.061	326.899	325.993	318.202	306.786	316.027	329.618	312.584	286.853
33	337.772	347.195	348.826	343.208	337.229	328.168	335.235	333.604	321.463	291.927
34	355.168	372.564	346.832	358.792	347.920	337.772	342.665	342.665	348.645	310.409
35	371.477	374.920	371.658	361.692	359.517	351.182	360.786	363.323	350.638	329.799
36	375.463	394.672	381.262	385.792	367.490	362.779	367.490	384.161	362.598	325.450
37	407.537	397.933	394.853	403.369	385.248	371.658	382.893	400.107	370.389	337.229
38	410.799	420.222	415.691	398.295	404.457	395.215	395.396	409.893	385.430	361.510
39	418.772	434.356	424.390	426.746	416.597	401.920	412.068	432.000	415.329	374.920
40	446.497	455.920	443.779	426.926	426.926	420.584	422.759	437.074	419.678	396.484
41	439.068	470.960	454.108	458.275	430.732	417.322	440.517	445.953	426.746	399.383
42	463.168	470.054	470.960	465.161	439.068	438.886	441.785	449.396	425.296	437.074
43	465.343	500.497	473.859	469.692	462.262	435.806	464.799	456.282	447.584	426.926
44	487.993	500.678	493.430	478.571	456.463	451.208	469.329	471.322	452.296	445.772
45	510.101	532.752	508.470	502.309	476.759	463.349	479.658	486.544	476.577	449.034
46	516.987	541.813	513.544	508.289	486.000	469.692	512.638	494.155	483.826	463.531
47	538.188	553.772	526.954	516.624	497.960	485.819	524.417	517.349	502.309	476.215
48	552.866	565.732	556.128	534.202	519.886	502.490	539.276	539.094	521.880	482.376
49	578.960	590.195	572.256	559.571	535.470	520.792	560.839	555.222	543.805	512.457
50	606.685	613.752	616.470	583.672	571.712	539.276	578.054	590.014	572.618	529.491
51	653.074	666.302	659.960	621.906	614.839	603.242	618.644	622.088	614.115	558.121
52	699.282	718.128	723.564	684.061	693.665	663.222	673.913	674.638	680.074	620.094

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

53	776.477	792.967	804.202	780.282	797.135	750.020	761.980	750.020	753.282	682.611
54	893.175	894.987	929.779	962.215	969.283	918.182	892.269	919.269	873.605	768.141
55	1031.437	1029.443	1107.363	1166.256	1211.376	1139.799	1146.323	1101.927	1010.417	936.484
56	1178.578	1154.477	1231.672	1252.873	1260.303	1246.350	1233.665	1222.430	1146.323	1048.652
57	1192.712	1106.276	1087.068	1071.484	1039.410	1012.591	1045.752	1129.108	1161.363	1080.363
58	1024.189	926.698	903.323	877.410	815.799	811.631	852.041	872.155	966.564	980.699
59	837.726	787.531	740.235	688.048	675.182	673.913	693.121	740.416	810.182	764.879
60	687.504	694.208	656.336	608.859	599.074	587.477	614.658	660.685	701.638	651.443
61	626.980	632.597	590.738	561.020	555.766	549.423	571.712	612.484	621.363	570.625
62	584.578	592.551	546.886	530.759	519.886	517.349	544.350	581.135	584.034	526.410
63	552.866	552.685	513.907	500.497	498.323	499.772	518.074	543.987	550.329	504.665
64	520.249	525.504	486.363	466.430	474.584	477.302	487.993	516.806	519.886	481.651
65	491.074	501.222	463.531	445.228	456.101	451.752	467.880	485.638	489.262	463.349
66	474.584	481.289	438.524	424.027	432.000	422.940	443.054	463.712	464.074	441.423
67	452.477	454.652	410.255	402.101	409.893	399.926	418.228	437.255	446.134	423.665
68	424.027	414.242	381.262	375.826	376.369	375.463	387.967	411.343	422.034	398.658
69	396.665	383.074	353.356	352.088	354.081	347.195	356.436	383.255	397.389	373.470
70	362.235	355.893	323.638	333.604	335.235	326.899	332.880	351.906	373.470	348.282
71	338.135	331.067	304.067	320.376	318.383	313.671	319.833	333.242	351.544	316.389
72	315.302	308.054	291.202	304.792	302.618	296.094	300.624	316.389	327.987	301.893
73	294.282	286.853	274.712	287.215	281.235	284.859	290.296	298.269	312.222	285.403
74	271.812	264.382	257.678	265.107	266.195	270.725	278.698	276.343	295.732	267.282
75	252.966	241.188	242.638	245.537	251.154	256.047	261.302	258.765	275.980	246.262
76	229.410	219.987	220.711	223.611	231.584	229.953	243.725	240.463	253.148	229.410
77	211.107	197.698	198.604	202.047	207.483	203.497	213.463	213.282	233.759	208.752
78	193.893	177.221	177.584	172.148	169.611	174.685	186.645	186.463	205.309	187.913
79	172.692	150.765	151.490	142.430	144.061	151.309	160.732	157.832	179.940	165.805
80	154.027	135.181	132.645	124.671	126.665	127.752	136.268	136.993	158.557	142.430
81	128.839	120.503	118.510	108.544	110.899	112.168	117.966	120.141	138.805	123.946
82	113.980	107.094	98.034	96.222	97.309	98.034	102.745	107.094	114.524	109.269
83	99.121	92.597	83.537	81.544	83.718	85.893	90.242	88.429	102.927	92.416
84	84.624	76.832	72.302	69.040	73.390	75.382	79.007	78.463	87.343	79.550
85	71.759	63.785	62.517	59.799	62.698	66.322	68.859	69.040	74.839	67.772
86	60.523	55.812	54.906	52.007	56.356	58.531	60.523	59.799	65.235	58.892
87	52.913	49.289	47.658	47.295	47.839	51.101	52.550	51.101	55.993	48.926
88	45.483	43.128	43.128	42.403	42.584	45.302	45.483	45.121	49.470	44.396
89	40.047	38.960	39.685	40.228	40.953	41.134	41.134	40.772	43.128	39.866
90	37.873	37.873	38.960	38.779	39.141	39.322	38.597	38.235	38.597	36.785
91	38.054	38.235	38.960	38.235	38.416	38.597	38.416	38.054	37.329	34.973
92	36.060	39.503	39.503	38.960	39.322	38.597	38.779	38.779	35.698	34.248
93	36.423	41.316	40.772	39.322	40.410	41.316	40.953	40.047	35.879	34.792
94	37.510	43.853	42.403	42.040	43.490	45.483	43.490	42.040	36.242	35.517
95	39.685	46.389	46.027	46.208	49.289	49.107	47.295	44.215	37.873	38.054
96	42.403	49.651	49.651	52.369	54.544	55.269	51.463	47.839	40.591	41.316
97	47.658	56.718	60.705	63.785	67.591	72.121	67.047	54.363	47.658	45.483
98	60.705	71.034	83.900	85.893	92.416	101.658	93.322	74.476	60.886	56.537
99	82.450	106.732	115.792	123.040	123.765	121.047	116.517	108.181	90.604	79.550
100	97.309	117.786	121.228	122.678	122.134	119.597	115.249	117.966	98.940	116.155
101	89.335	110.718	114.705	115.249	109.812	102.927	105.463	111.806	87.161	116.336
102	79.369	99.665	98.034	98.940	97.671	92.416	94.228	95.678	74.476	101.296
103	64.873	88.611	79.913	82.812	84.443	81.363	84.624	84.081	64.510	87.161
104	56.718	77.557	70.671	69.947	73.390	71.215	74.114	74.295	56.356	75.382
105	49.651	69.765	64.148	61.973	64.510	61.429	64.873	67.047	48.201	64.691
106	44.033	62.336	57.987	54.906	55.812	54.363	58.349	59.436	42.222	57.806
107	39.141	53.819	51.282	48.382	46.027	47.839	50.376	50.738	37.873	51.101
108	35.879	45.302	43.853	42.765	41.678	42.947	45.121	44.577	34.973	43.671

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

109	33.886	41.859	39.866	39.685	39.322	39.866	41.859	40.953	33.161	39.866
110	32.617	39.322	38.054	37.329	38.235	38.779	40.047	39.141	31.530	37.510
111	31.530	38.235	37.510	36.966	37.873	38.960	39.322	38.235	30.986	36.060
112	31.168	38.054	37.873	37.510	38.597	39.685	39.866	38.416	30.624	35.879
113	31.530	39.141	39.322	39.141	40.410	42.222	41.134	39.685	30.805	36.242
114	32.436	41.134	42.584	41.859	42.947	45.302	44.033	41.859	31.711	37.510
115	33.342	44.939	44.939	46.389	47.295	49.651	47.839	44.939	33.161	40.410
116	34.973	48.564	50.195	52.369	52.188	54.363	53.094	49.289	35.154	43.671
117	37.510	51.644	54.725	56.718	56.900	59.255	58.712	54.000	37.873	47.295
118	38.235	54.000	57.081	59.074	60.705	62.154	62.336	59.074	38.416	51.101
119	37.691	54.725	56.356	57.262	58.531	59.799	59.799	58.712	37.329	54.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
121	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
124	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
131	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
134	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
143	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
148	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
149	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
158	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
163	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
166	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.543	0.543	0.000	0.000	0.000	0.000	0.181
9	1.449	1.812	0.181	0.362	0.906	1.087	1.268
10	1.087	0.906	0.906	1.087	1.449	1.631	1.812
11	1.631	1.449	1.631	1.812	2.356	2.356	2.718
12	2.537	2.537	2.718	3.080	3.080	3.080	3.624
13	3.262	3.262	3.443	3.805	3.805	4.168	4.349
14	4.349	4.168	4.349	4.530	4.711	4.893	5.074
15	5.436	5.255	5.436	5.436	5.799	5.980	5.980
16	6.342	6.161	6.523	6.523	6.705	6.705	6.705
17	7.430	7.248	7.611	7.611	7.973	7.792	7.973
18	8.879	8.879	8.879	8.879	9.060	8.879	8.879
19	10.329	10.873	10.329	11.054	10.691	10.329	10.148
20	12.141	13.228	13.591	14.678	13.047	12.141	11.597
21	14.859	18.121	18.483	22.832	25.732	27.544	38.235
22	35.154	37.873	40.772	74.839	87.161	94.772	83.718
23	74.658	88.792	108.544	104.919	119.054	126.665	103.108
24	100.027	128.658	134.456	144.061	153.665	165.624	140.980
25	126.121	149.497	166.530	167.436	191.899	185.920	152.940
26	158.920	174.322	185.920	201.322	202.228	209.658	160.369
27	174.322	190.269	211.651	226.873	222.523	226.873	190.088
28	203.678	225.060	234.302	238.107	237.564	258.403	231.765
29	226.873	251.517	252.423	256.953	258.403	277.974	250.068
30	248.255	273.987	273.987	281.597	269.638	291.564	280.329
31	280.148	265.289	282.322	294.825	294.464	300.262	312.403
32	298.812	285.765	307.148	313.128	314.759	322.188	333.061
33	324.181	300.624	312.584	329.074	334.329	331.792	337.772
34	336.141	320.376	339.221	340.490	341.758	358.611	355.168
35	341.577	339.221	356.255	357.342	356.436	362.960	371.477

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

36	330.342	340.128	368.215	372.564	374.014	375.101	375.463
37	352.088	359.155	386.336	377.276	381.262	388.329	407.537
38	359.155	367.309	396.121	405.000	400.289	401.738	410.799
39	390.866	383.618	414.242	410.799	416.779	419.497	418.772
40	394.490	386.155	414.423	431.638	426.021	426.746	446.497
41	409.349	399.926	425.296	431.457	436.712	437.980	439.068
42	404.094	402.826	451.208	440.336	450.121	443.235	463.168
43	387.604	387.785	444.141	463.168	456.644	460.631	465.343
44	400.470	397.209	478.208	459.725	467.155	481.470	487.993
45	382.893	427.107	474.765	485.095	496.511	491.074	510.101
46	379.088	399.020	504.121	504.121	505.027	515.175	516.987
47	375.282	410.437	513.363	505.571	514.450	517.168	538.188
48	391.229	417.504	536.376	528.766	536.014	535.289	552.866
49	401.557	445.228	544.168	556.128	556.309	556.309	578.960
50	431.094	487.812	575.879	578.054	574.973	583.672	606.685
51	485.456	525.685	602.336	615.927	615.927	618.463	653.074
52	537.645	579.141	644.014	659.960	664.490	675.907	699.282
53	627.524	626.618	697.651	723.383	738.423	723.745	776.477
54	698.739	717.947	805.108	813.262	834.826	859.470	893.175
55	828.665	851.316	923.437	939.746	960.584	1021.833	1031.437
56	869.074	989.215	1055.356	1070.216	1102.471	1201.229	1178.578
57	829.752	1090.148	1146.867	1156.108	1181.296	1227.685	1192.712
58	737.879	1034.880	1115.699	1083.262	1074.383	1056.806	1024.189
59	529.491	890.457	959.678	897.343	891.544	854.215	837.726
60	455.739	701.276	806.376	754.732	756.906	726.645	687.504
61	428.557	625.893	697.651	653.799	661.591	635.316	626.980
62	429.101	565.551	603.785	594.544	589.832	588.021	584.578
63	426.746	541.450	573.342	553.591	552.323	553.229	552.866
64	421.309	505.933	547.973	522.242	524.054	522.061	520.249
65	420.222	486.000	513.182	493.792	506.839	506.839	491.074
66	428.014	470.417	477.121	469.692	480.021	483.464	474.584
67	414.967	439.068	447.584	441.785	454.108	451.933	452.477
68	389.054	403.732	414.785	397.933	416.235	423.484	424.027
69	361.510	380.719	383.980	366.403	383.618	396.665	396.665
70	340.128	350.094	347.195	339.221	353.356	370.208	362.235
71	317.114	315.665	318.020	313.128	324.725	346.108	338.135
72	290.839	293.919	294.282	284.134	298.269	320.014	315.302
73	268.913	271.269	270.544	260.034	272.900	296.275	294.282
74	248.074	248.437	245.356	243.000	252.242	270.725	271.812
75	230.316	230.316	225.604	222.342	227.597	249.343	252.966
76	206.940	208.027	206.577	202.953	210.383	229.410	229.410
77	189.544	192.805	190.812	183.564	190.450	208.933	211.107
78	173.235	176.135	175.410	165.987	173.054	185.195	193.893
79	157.470	157.651	154.933	149.315	156.926	171.061	172.692
80	136.631	142.611	142.249	135.906	142.249	146.779	154.027
81	121.228	129.745	126.302	124.490	122.134	128.658	128.839
82	104.013	113.074	108.181	105.282	106.007	112.893	113.980
83	89.517	95.678	96.403	94.409	94.772	98.759	99.121
84	77.557	85.530	85.712	85.349	82.812	82.269	84.624
85	66.503	75.382	74.839	73.208	69.040	69.403	71.759
86	58.892	65.597	61.248	64.691	59.074	59.255	60.523
87	52.188	56.356	54.000	54.181	52.913	53.094	52.913
88	46.208	50.919	48.926	48.201	46.933	48.201	45.483
89	41.678	46.752	45.121	45.302	43.309	42.222	40.047
90	38.597	43.671	43.309	42.403	40.591	40.228	37.873
91	36.785	41.678	41.678	40.228	39.141	38.779	38.054

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

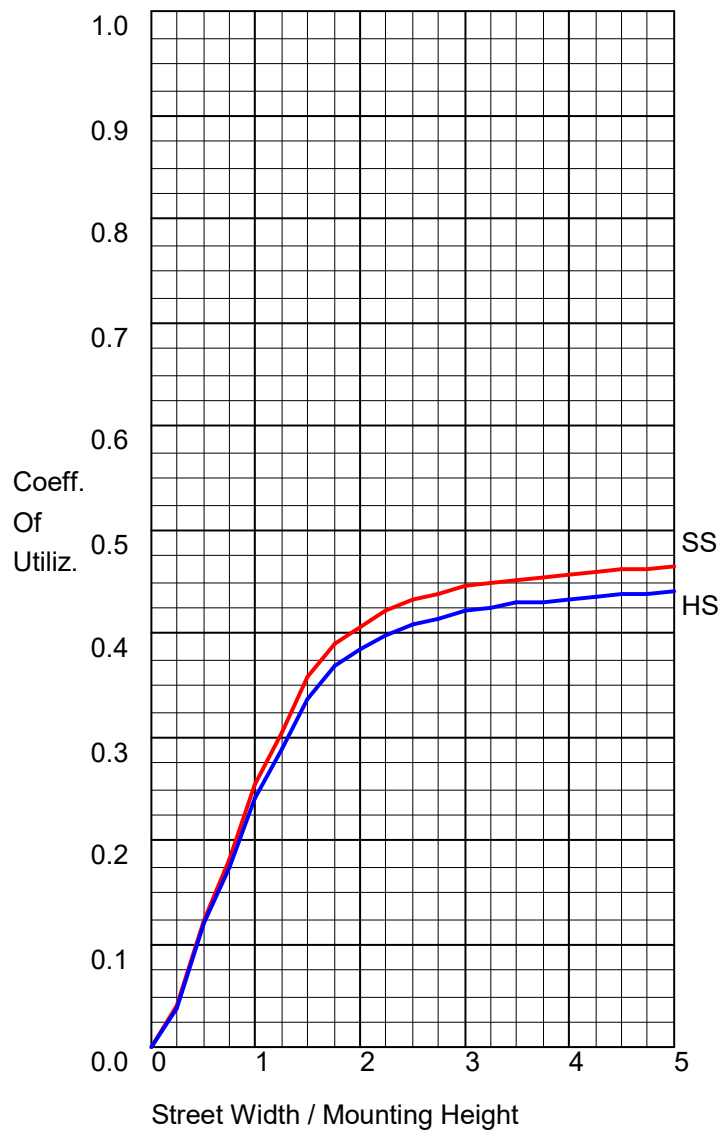
92	35.336	40.047	41.316	39.685	38.779	38.597	36.060
93	34.792	39.866	41.678	40.410	39.685	38.960	36.423
94	35.517	40.228	42.765	41.134	40.953	40.772	37.510
95	36.785	41.678	44.758	42.584	42.765	43.128	39.685
96	37.510	44.758	46.389	44.215	44.758	46.208	42.403
97	40.591	48.382	48.926	48.201	49.832	53.456	47.658
98	46.752	55.993	57.081	55.993	60.161	67.047	60.705
99	59.617	77.557	76.832	72.665	80.275	96.403	82.450
100	81.000	111.624	111.262	111.987	116.155	125.577	97.309
101	95.859	128.477	132.645	129.564	129.926	124.671	89.335
102	90.060	118.329	117.786	119.960	113.436	109.631	79.369
103	81.000	98.940	102.927	102.745	99.846	95.134	64.873
104	72.665	85.168	86.437	87.161	86.255	82.087	56.718
105	63.242	73.752	75.382	71.215	71.034	70.853	49.651
106	57.624	61.973	66.141	62.698	62.154	61.973	44.033
107	50.738	55.269	54.363	54.725	54.363	50.919	39.141
108	44.758	47.295	47.839	47.839	47.295	44.758	35.879
109	40.228	42.403	43.309	42.584	41.316	40.953	33.886
110	37.691	40.047	40.772	38.416	38.597	38.779	32.617
111	36.060	38.597	38.960	36.966	37.329	37.329	31.530
112	35.698	37.873	38.597	36.423	36.966	37.148	31.168
113	35.879	38.416	38.779	36.242	37.329	37.873	31.530
114	37.329	39.685	39.866	37.873	38.960	39.322	32.436
115	39.141	41.678	42.222	40.047	41.316	42.584	33.342
116	41.316	44.396	44.939	42.765	44.577	45.483	34.973
117	44.577	49.289	50.195	46.752	48.201	49.289	37.510
118	49.107	52.732	53.638	50.557	52.550	52.913	38.235
119	52.732	55.087	55.993	53.819	54.906	55.450	37.691
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000
121	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000
124	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127	0.000	0.000	0.000	0.000	0.000	0.000	0.000
128	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000
131	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000
133	0.000	0.000	0.000	0.000	0.000	0.000	0.000
134	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000
136	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000
139	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142	0.000	0.000	0.000	0.000	0.000	0.000	0.000
143	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000
146	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES ROAD REPORT
PHOTOMETRIC FILENAME : CBR8-2L-40.IES

CANDELA TABULATION - (Cont.)

148	0.000	0.000	0.000	0.000	0.000	0.000	0.000
149	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157	0.000	0.000	0.000	0.000	0.000	0.000	0.000
158	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000	0.000	0.000
163	0.000	0.000	0.000	0.000	0.000	0.000	0.000
164	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000
166	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000
169	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172	0.000	0.000	0.000	0.000	0.000	0.000	0.000
173	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000	0.000	0.000
176	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000

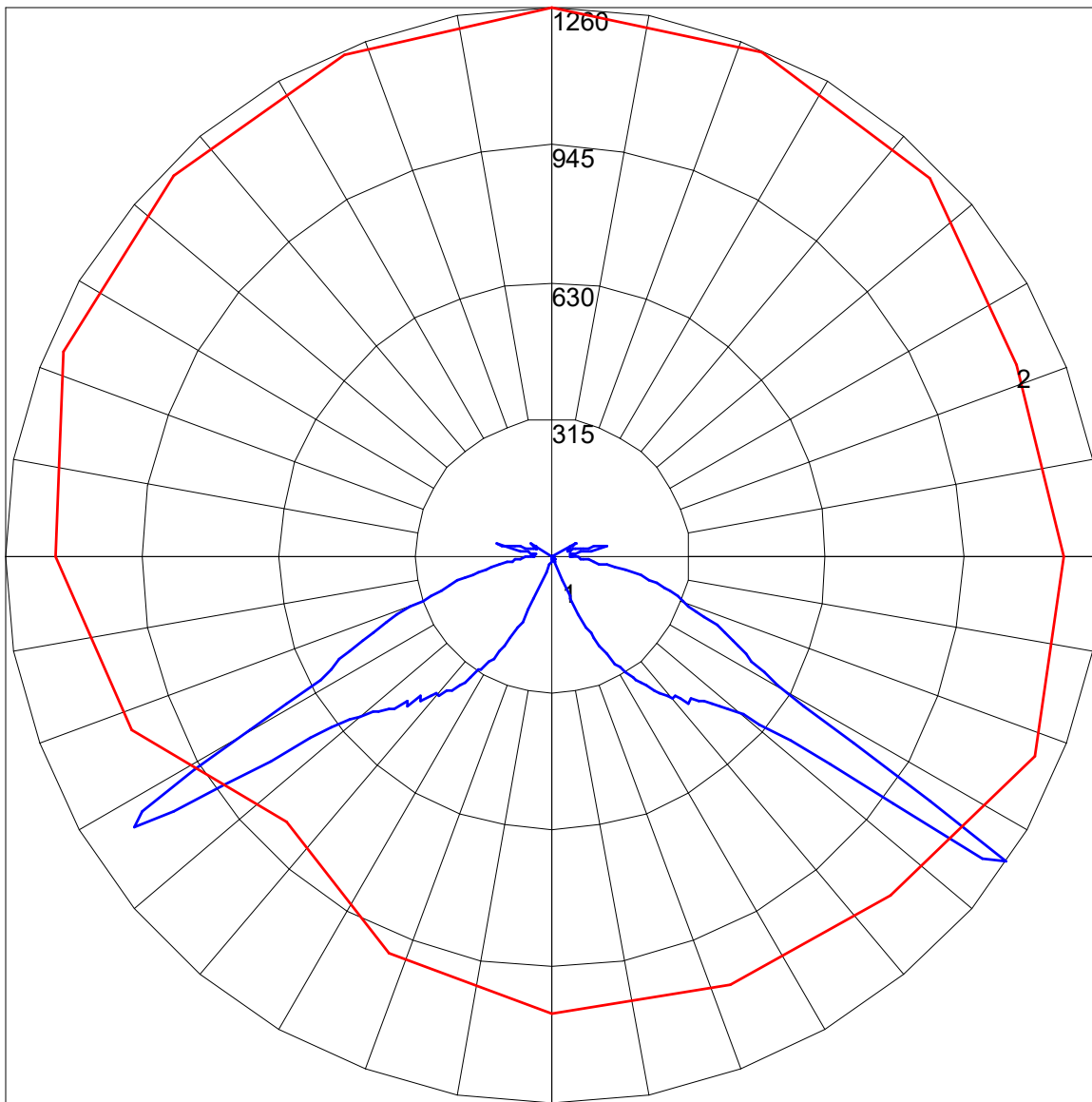
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

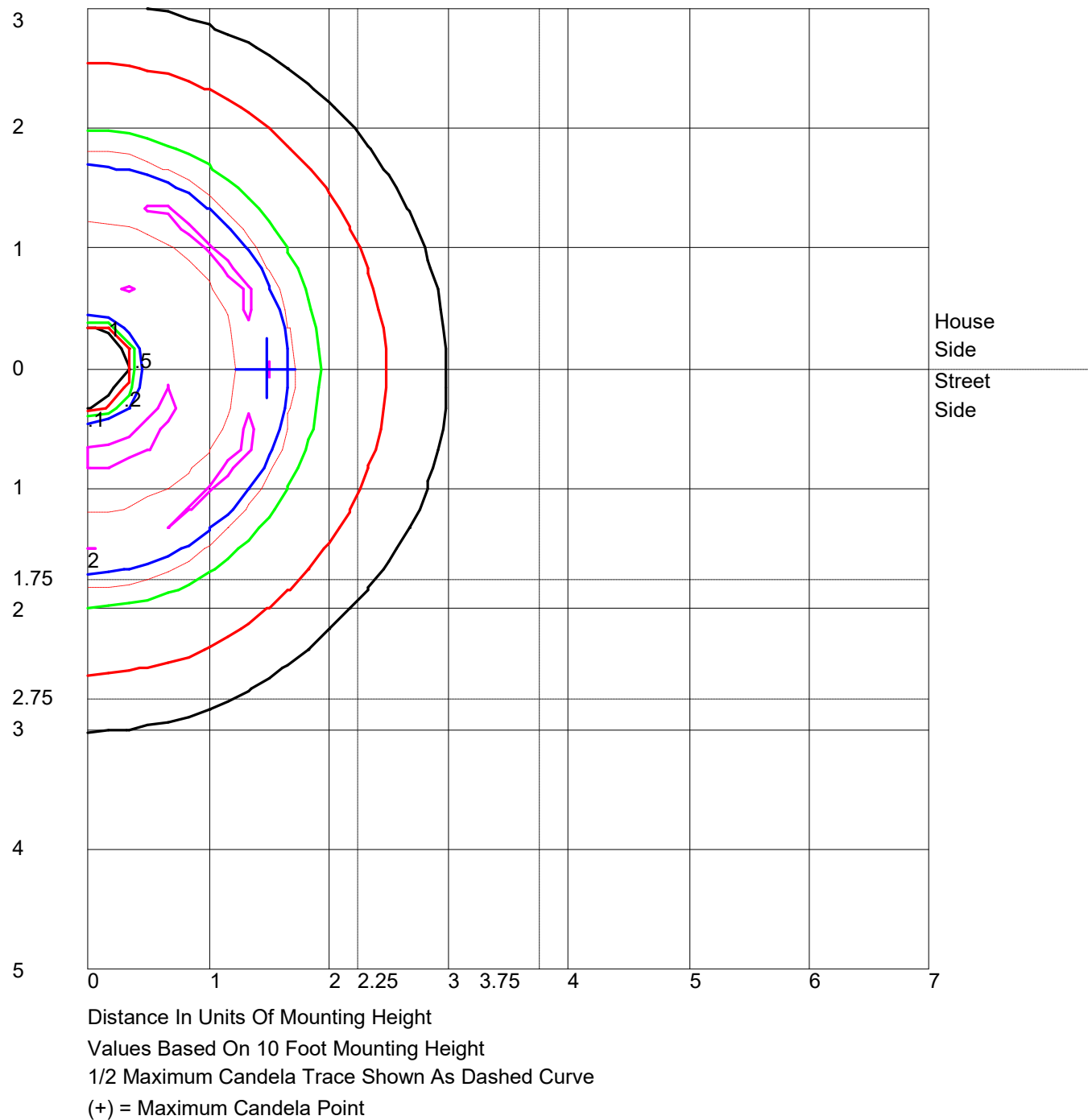
	Lumens	Percent Of Luminaire
Downward Street Side	1154.3	47.5
Downward House Side	1097.9	45.2
Downward Total	2252.2	92.8
Upward Street Side	88.8	3.7
Upward House Side	86.7	3.6
Upward Total	175.5	7.2
Total Flux	2427.7	100.0

POLAR GRAPH

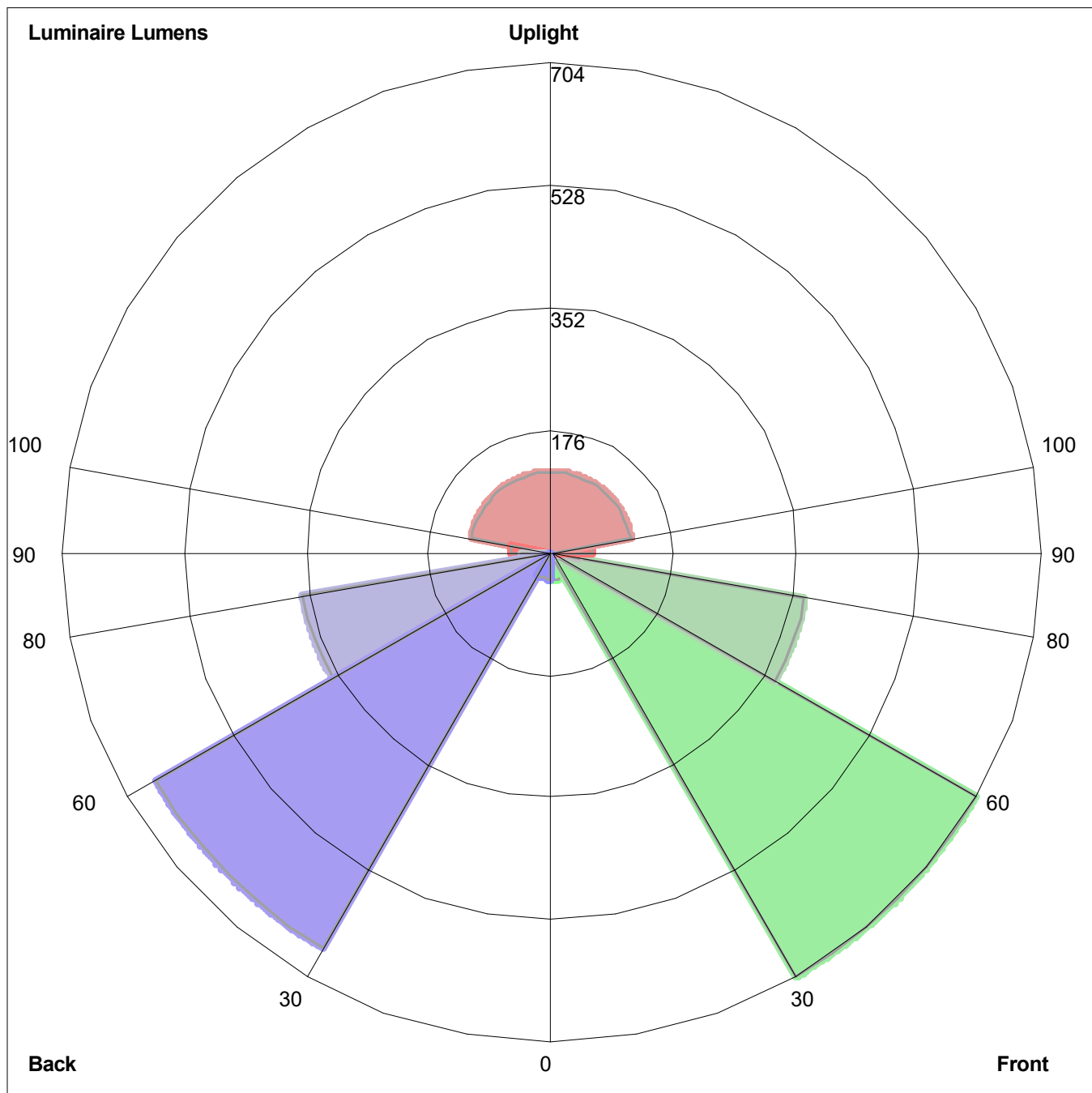


Maximum Candela = 1260.303 Located At Horizontal Angle = 90, Vertical Angle = 56
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (56) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=38.5, Medium=704.4, High=370.5, Very High=40.8
Back: Low=37.6, Medium=656.0, High=362.7, Very High=41.5
Uplight: Low=59.2, High=116.3

BUG Rating : B1-U3-G1