



IES ROAD REPORT

PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Q2017101302
[TESTLAB]
[ISSUE DATE] 10/13/2017
[MANUFAC] LumenFocus, LLC
[LUMCAT] CPG2 HI 5S UV CA 850
[LUMINAIRE] CPG2 WITH ONE 48W LED ARRAY
[LAMPCAT] SAMSUNG 351B-N LEDs
[LAMP] 48 SAMSUNG 351B-N LEDs

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6444
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	53.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2854.287
Maximum Candela Angle	320H 57.5V
Maximum Candela (<90 Degrees Vertical)	2854.287
Maximum Candela Angle (<90 Degrees Vertical)	320H 57.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	94.752 (1.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	251.7	N.A.	3.9
FM - Front-Medium (30-60)	1923.2	N.A.	29.8
FH - Front-High (60-80)	1023.4	N.A.	15.9
FVH - Front-Very High (80-90)	24.1	N.A.	0.4
BL - Back-Low (0-30)	251.7	N.A.	3.9
BM - Back-Medium (30-60)	1923.2	N.A.	29.8
BH - Back-High (60-80)	1023.4	N.A.	15.9
BVH - Back-Very High (80-90)	24.1	N.A.	0.4
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	6444.8	N.A.	100.0
BUG Rating	B3-U0-G1		

IES ROAD REPORT
PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	10	20	30	40	50	60	70	80	90
0.0	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642
2.5	525.856	522.606	523.509	524.050	526.579	526.037	526.217	524.231	527.301	533.080
5.0	525.856	522.967	524.050	524.773	526.940	526.579	527.120	524.231	527.843	532.538
7.5	527.301	524.412	525.495	526.398	528.746	527.662	528.565	526.217	529.648	532.718
10.0	530.190	528.926	529.468	530.551	532.538	531.815	532.718	530.371	533.802	534.705
12.5	536.691	536.511	537.052	538.678	539.942	538.858	540.122	538.136	541.386	538.316
15.0	548.971	548.610	549.874	551.138	552.582	550.054	551.499	550.777	553.485	543.553
17.5	565.946	564.140	565.223	567.210	568.293	566.487	568.113	567.390	568.113	550.596
20.0	583.281	583.643	585.087	585.810	588.880	587.074	589.241	587.977	588.699	560.167
22.5	602.784	605.132	606.938	610.730	611.994	611.452	612.716	611.633	610.008	572.266
25.0	624.454	628.427	631.678	636.012	636.914	637.276	638.540	637.095	634.386	584.907
27.5	651.542	655.876	659.668	665.808	670.142	667.975	666.891	665.446	661.113	601.159
30.0	688.381	690.728	695.965	702.105	703.188	704.633	702.827	702.285	700.841	624.454
32.5	748.695	746.347	749.959	753.210	749.959	755.196	757.363	758.808	764.767	664.363
35.0	827.429	824.720	825.623	826.345	828.332	832.485	834.652	845.126	853.613	721.788
37.5	935.778	931.986	931.986	935.056	931.806	943.002	951.670	963.408	979.299	809.912
40.0	1093.246	1075.008	1074.285	1089.815	1087.107	1099.747	1101.914	1106.790	1131.891	902.551
42.5	1279.969	1275.635	1263.174	1274.551	1294.415	1298.749	1284.664	1290.804	1305.250	1027.153
45.0	1475.720	1482.402	1478.609	1515.990	1537.299	1537.840	1504.974	1474.998	1499.376	1168.008
47.5	1731.064	1725.827	1727.994	1772.236	1814.312	1804.380	1742.802	1709.213	1711.561	1371.885
50.0	2018.912	1997.242	2011.689	2060.446	2105.953	2097.466	2004.646	1947.763	1931.330	1600.322
52.5	2248.252	2236.695	2251.683	2328.431	2405.900	2378.813	2256.559	2159.405	2136.471	1824.244
55.0	2400.664	2413.485	2436.599	2545.130	2682.553	2639.574	2463.326	2326.625	2293.036	2062.433
57.5	2433.168	2456.464	2505.943	2668.648	2854.287	2808.419	2568.966	2390.370	2347.572	2244.640
60.0	2310.011	2313.081	2394.163	2602.916	2841.466	2807.696	2522.196	2302.246	2250.780	2321.568
62.5	1918.147	1939.113	2022.018	2328.069	2613.390	2602.916	2308.747	2001.287	1946.282	2174.015
65.0	1560.088	1585.189	1638.226	1918.147	2145.121	2171.017	1929.867	1669.305	1574.119	1926.364
67.5	1034.593	1085.626	1186.030	1424.579	1654.695	1687.435	1388.968	1189.786	1099.422	1485.435
70.0	521.233	572.266	686.882	889.911	1186.535	1163.457	927.598	723.973	655.551	952.537
72.5	262.567	256.373	316.290	439.267	675.342	673.537	520.981	366.908	272.391	445.569
75.0	87.763	100.386	178.741	222.496	369.598	363.892	225.656	172.204	158.822	302.801
77.5	57.028	61.109	74.346	97.316	174.732	174.045	123.898	81.407	67.411	80.756
80.0	54.753	59.213	69.217	77.921	91.014	94.752	81.948	73.912	64.757	71.529
82.5	46.482	52.712	70.373	78.716	83.537	85.723	81.732	73.551	56.721	64.630
85.0	25.607	28.695	51.394	58.274	53.777	56.251	61.236	54.572	32.595	38.572
87.5	11.846	13.453	23.674	25.282	21.110	23.205	25.408	24.361	14.645	16.722
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	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 : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642
2.5	527.301	524.231	526.217	526.037	526.579	524.050	523.509	522.606	525.856	522.606
5.0	527.843	524.231	527.120	526.579	526.940	524.773	524.050	522.967	525.856	522.967
7.5	529.648	526.217	528.565	527.662	528.746	526.398	525.495	524.412	527.301	524.412
10.0	533.802	530.371	532.718	531.815	532.538	530.551	529.468	528.926	530.190	528.926
12.5	541.386	538.136	540.122	538.858	539.942	538.678	537.052	536.511	536.691	536.511
15.0	553.485	550.777	551.499	550.054	552.582	551.138	549.874	548.610	548.971	548.610
17.5	568.113	567.390	568.113	566.487	568.293	567.210	565.223	564.140	565.946	564.140
20.0	588.699	587.977	589.241	587.074	588.880	585.810	585.087	583.643	583.281	583.643
22.5	610.008	611.633	612.716	611.452	611.994	610.730	606.938	605.132	602.784	605.132
25.0	634.386	637.095	638.540	637.276	636.914	636.012	631.678	628.427	624.454	628.427
27.5	661.113	665.446	666.891	667.975	670.142	665.808	659.668	655.876	651.542	655.876
30.0	700.841	702.285	702.827	704.633	703.188	702.105	695.965	690.728	688.381	690.728
32.5	764.767	758.808	757.363	755.196	749.959	753.210	749.959	746.347	748.695	746.347
35.0	853.613	845.126	834.652	832.485	828.332	826.345	825.623	824.720	827.429	824.720
37.5	979.299	963.408	951.670	943.002	931.806	935.056	931.986	931.986	935.778	931.986
40.0	1131.891	1106.790	1101.914	1099.747	1087.107	1089.815	1074.285	1075.008	1093.246	1075.008
42.5	1305.250	1290.804	1284.664	1298.749	1294.415	1274.551	1263.174	1275.635	1279.969	1275.635
45.0	1499.376	1474.998	1504.974	1537.840	1537.299	1515.990	1478.609	1482.402	1475.720	1482.402
47.5	1711.561	1709.213	1742.802	1804.380	1814.312	1772.236	1727.994	1725.827	1731.064	1725.827
50.0	1931.330	1947.763	2004.646	2097.466	2105.953	2060.446	2011.689	1997.242	2018.912	1997.242
52.5	2136.471	2159.405	2256.559	2378.813	2405.900	2328.431	2251.683	2236.695	2248.252	2236.695
55.0	2293.036	2326.625	2463.326	2639.574	2682.553	2545.130	2436.599	2413.485	2400.664	2413.485
57.5	2347.572	2390.370	2568.966	2808.419	2854.287	2668.648	2505.943	2456.464	2433.168	2456.464
60.0	2250.780	2302.246	2522.196	2807.696	2841.466	2602.916	2394.163	2313.081	2310.011	2313.081
62.5	1946.282	2001.287	2308.747	2602.916	2613.390	2328.069	2022.018	1939.113	1918.147	1939.113
65.0	1574.119	1669.305	1929.867	2171.017	2145.121	1918.147	1638.226	1585.189	1560.088	1585.189
67.5	1099.422	1189.786	1388.968	1687.435	1654.695	1424.579	1186.030	1085.626	1034.593	1085.626
70.0	655.551	723.973	927.598	1163.457	1186.535	889.911	686.882	572.266	521.233	572.266
72.5	272.391	366.908	520.981	673.537	675.342	439.267	316.290	256.373	262.567	256.373
75.0	158.822	172.204	225.656	363.892	369.598	222.496	178.741	100.386	87.763	100.386
77.5	67.411	81.407	123.898	174.045	174.732	97.316	74.346	61.109	57.028	61.109

IES ROAD REPORT
PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION - (Cont.)

80.0	64.757	73.912	81.948	94.752	91.014	77.921	69.217	59.213	54.753	59.213
82.5	56.721	73.551	81.732	85.723	83.537	78.716	70.373	52.712	46.482	52.712
85.0	32.595	54.572	61.236	56.251	53.777	58.274	51.394	28.695	25.607	28.695
87.5	14.645	24.361	25.408	23.205	21.110	25.282	23.674	13.453	11.846	13.453
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	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>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0.0	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642	525.642
2.5	523.509	524.050	526.579	526.037	526.217	524.231	527.301	533.080	527.301	524.231
5.0	524.050	524.773	526.940	526.579	527.120	524.231	527.843	532.538	527.843	524.231
7.5	525.495	526.398	528.746	527.662	528.565	526.217	529.648	532.718	529.648	526.217
10.0	529.468	530.551	532.538	531.815	532.718	530.371	533.802	534.705	533.802	530.371
12.5	537.052	538.678	539.942	538.858	540.122	538.136	541.386	538.316	541.386	538.136
15.0	549.874	551.138	552.582	550.054	551.499	550.777	553.485	543.553	553.485	550.777
17.5	565.223	567.210	568.293	566.487	568.113	567.390	568.113	550.596	568.113	567.390
20.0	585.087	585.810	588.880	587.074	589.241	587.977	588.699	560.167	588.699	587.977
22.5	606.938	610.730	611.994	611.452	612.716	611.633	610.008	572.266	610.008	611.633
25.0	631.678	636.012	636.914	637.276	638.540	637.095	634.386	584.907	634.386	637.095

IES ROAD REPORT
PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION - (Cont.)

27.5	659.668	665.808	670.142	667.975	666.891	665.446	661.113	601.159	661.113	665.446
30.0	695.965	702.105	703.188	704.633	702.827	702.285	700.841	624.454	700.841	702.285
32.5	749.959	753.210	749.959	755.196	757.363	758.808	764.767	664.363	764.767	758.808
35.0	825.623	826.345	828.332	832.485	834.652	845.126	853.613	721.788	853.613	845.126
37.5	931.986	935.056	931.806	943.002	951.670	963.408	979.299	809.912	979.299	963.408
40.0	1074.285	1089.815	1087.107	1099.747	1101.914	1106.790	1131.891	902.551	1131.891	1106.790
42.5	1263.174	1274.551	1294.415	1298.749	1284.664	1290.804	1305.250	1027.153	1305.250	1290.804
45.0	1478.609	1515.990	1537.299	1537.840	1504.974	1474.998	1499.376	1168.008	1499.376	1474.998
47.5	1727.994	1772.236	1814.312	1804.380	1742.802	1709.213	1711.561	1371.885	1711.561	1709.213
50.0	2011.689	2060.446	2105.953	2097.466	2004.646	1947.763	1931.330	1600.322	1931.330	1947.763
52.5	2251.683	2328.431	2405.900	2378.813	2256.559	2159.405	2136.471	1824.244	2136.471	2159.405
55.0	2436.599	2545.130	2682.553	2639.574	2463.326	2326.625	2293.036	2062.433	2293.036	2326.625
57.5	2505.943	2668.648	2854.287	2808.419	2568.966	2390.370	2347.572	2244.640	2347.572	2390.370
60.0	2394.163	2602.916	2841.466	2807.696	2522.196	2302.246	2250.780	2321.568	2250.780	2302.246
62.5	2022.018	2328.069	2613.390	2602.916	2308.747	2001.287	1946.282	2174.015	1946.282	2001.287
65.0	1638.226	1918.147	2145.121	2171.017	1929.867	1669.305	1574.119	1926.364	1574.119	1669.305
67.5	1186.030	1424.579	1654.695	1687.435	1388.968	1189.786	1099.422	1485.435	1099.422	1189.786
70.0	686.882	889.911	1186.535	1163.457	927.598	723.973	655.551	952.537	655.551	723.973
72.5	316.290	439.267	675.342	673.537	520.981	366.908	272.391	445.569	272.391	366.908
75.0	178.741	222.496	369.598	363.892	225.656	172.204	158.822	302.801	158.822	172.204
77.5	74.346	97.316	174.732	174.045	123.898	81.407	67.411	80.756	67.411	81.407
80.0	69.217	77.921	91.014	94.752	81.948	73.912	64.757	71.529	64.757	73.912
82.5	70.373	78.716	83.537	85.723	81.732	73.551	56.721	64.630	56.721	73.551
85.0	51.394	58.274	53.777	56.251	61.236	54.572	32.595	38.572	32.595	54.572
87.5	23.674	25.282	21.110	23.205	25.408	24.361	14.645	16.722	14.645	24.361
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	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 : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION - (Cont.)

167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles
Angles

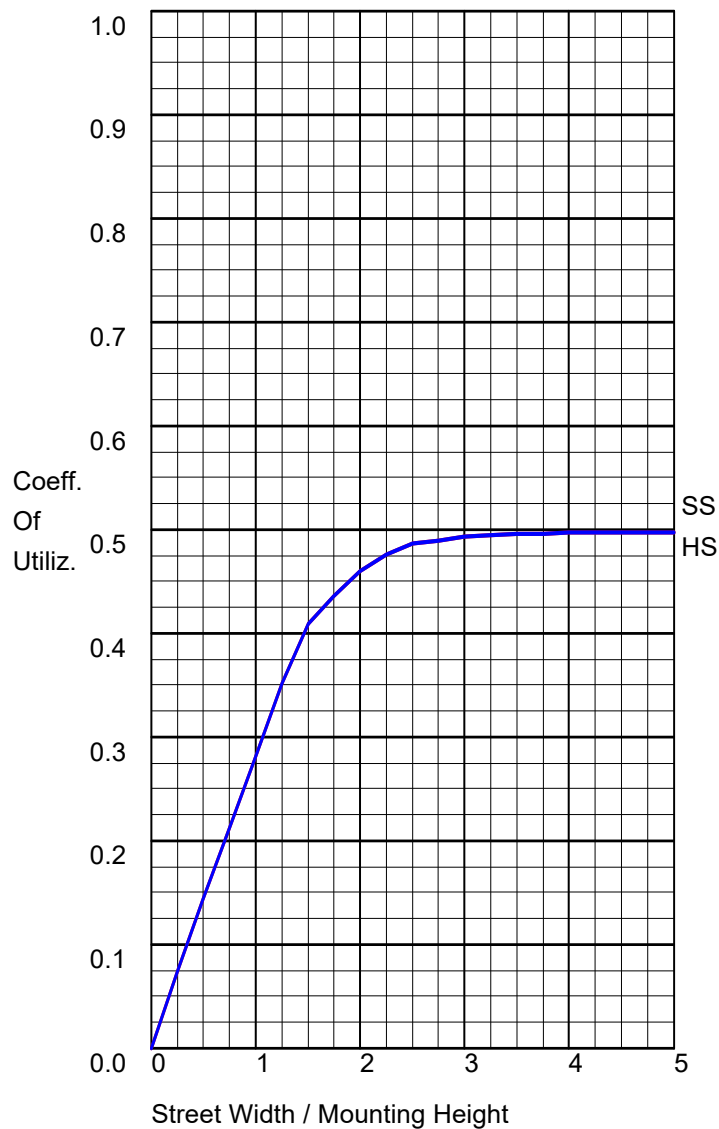
	300	310	320	330	340	350	360
0.0	525.642	525.642	525.642	525.642	525.642	525.642	525.642
2.5	526.217	526.037	526.579	524.050	523.509	522.606	525.856
5.0	527.120	526.579	526.940	524.773	524.050	522.967	525.856
7.5	528.565	527.662	528.746	526.398	525.495	524.412	527.301
10.0	532.718	531.815	532.538	530.551	529.468	528.926	530.190
12.5	540.122	538.858	539.942	538.678	537.052	536.511	536.691
15.0	551.499	550.054	552.582	551.138	549.874	548.610	548.971
17.5	568.113	566.487	568.293	567.210	565.223	564.140	565.946
20.0	589.241	587.074	588.880	585.810	585.087	583.643	583.281
22.5	612.716	611.452	611.994	610.730	606.938	605.132	602.784
25.0	638.540	637.276	636.914	636.012	631.678	628.427	624.454
27.5	666.891	667.975	670.142	665.808	659.668	655.876	651.542
30.0	702.827	704.633	703.188	702.105	695.965	690.728	688.381
32.5	757.363	755.196	749.959	753.210	749.959	746.347	748.695
35.0	834.652	832.485	828.332	826.345	825.623	824.720	827.429
37.5	951.670	943.002	931.806	935.056	931.986	931.986	935.778
40.0	1101.914	1099.747	1087.107	1089.815	1074.285	1075.008	1093.246
42.5	1284.664	1298.749	1294.415	1274.551	1263.174	1275.635	1279.969
45.0	1504.974	1537.840	1537.299	1515.990	1478.609	1482.402	1475.720
47.5	1742.802	1804.380	1814.312	1772.236	1727.994	1725.827	1731.064
50.0	2004.646	2097.466	2105.953	2060.446	2011.689	1997.242	2018.912
52.5	2256.559	2378.813	2405.900	2328.431	2251.683	2236.695	2248.252
55.0	2463.326	2639.574	2682.553	2545.130	2436.599	2413.485	2400.664
57.5	2568.966	2808.419	2854.287	2668.648	2505.943	2456.464	2433.168
60.0	2522.196	2807.696	2841.466	2602.916	2394.163	2313.081	2310.011
62.5	2308.747	2602.916	2613.390	2328.069	2022.018	1939.113	1918.147
65.0	1929.867	2171.017	2145.121	1918.147	1638.226	1585.189	1560.088
67.5	1388.968	1687.435	1654.695	1424.579	1186.030	1085.626	1034.593
70.0	927.598	1163.457	1186.535	889.911	686.882	572.266	521.233
72.5	520.981	673.537	675.342	439.267	316.290	256.373	262.567
75.0	225.656	363.892	369.598	222.496	178.741	100.386	87.763
77.5	123.898	174.045	174.732	97.316	74.346	61.109	57.028
80.0	81.948	94.752	91.014	77.921	69.217	59.213	54.753
82.5	81.732	85.723	83.537	78.716	70.373	52.712	46.482
85.0	61.236	56.251	53.777	58.274	51.394	28.695	25.607
87.5	25.408	23.205	21.110	25.282	23.674	13.453	11.846
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES ROAD REPORT
PHOTOMETRIC FILENAME : CPG2 HI 5S UV CA 850.IES

CANDELA TABULATION - (Cont.)

115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

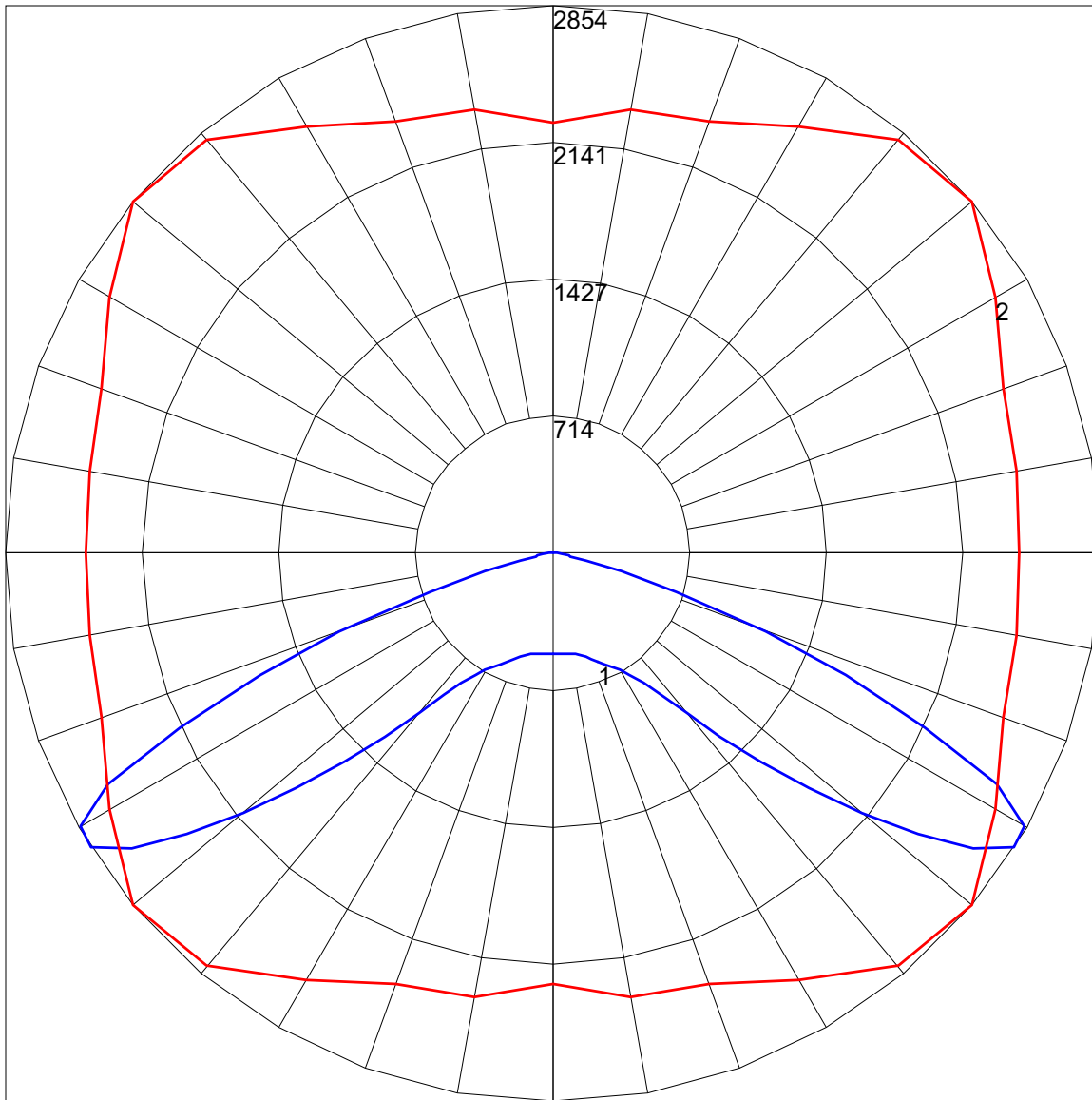
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

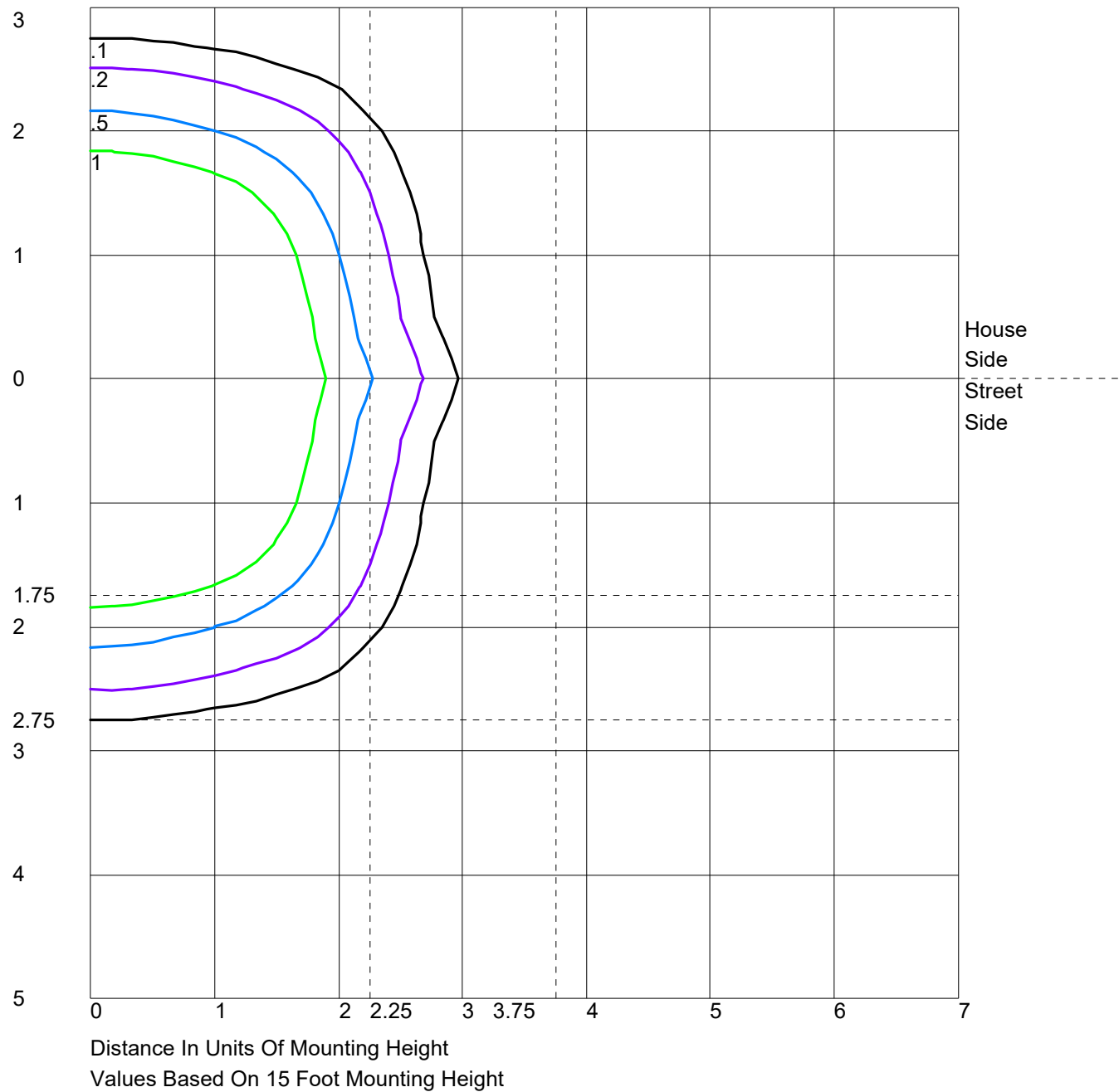
	Lumens	Percent Of Luminaire
Downward Street Side	3222.2	50.0
Downward House Side	3222.2	50.0
Downward Total	6444.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6444.4	100.0

POLAR GRAPH

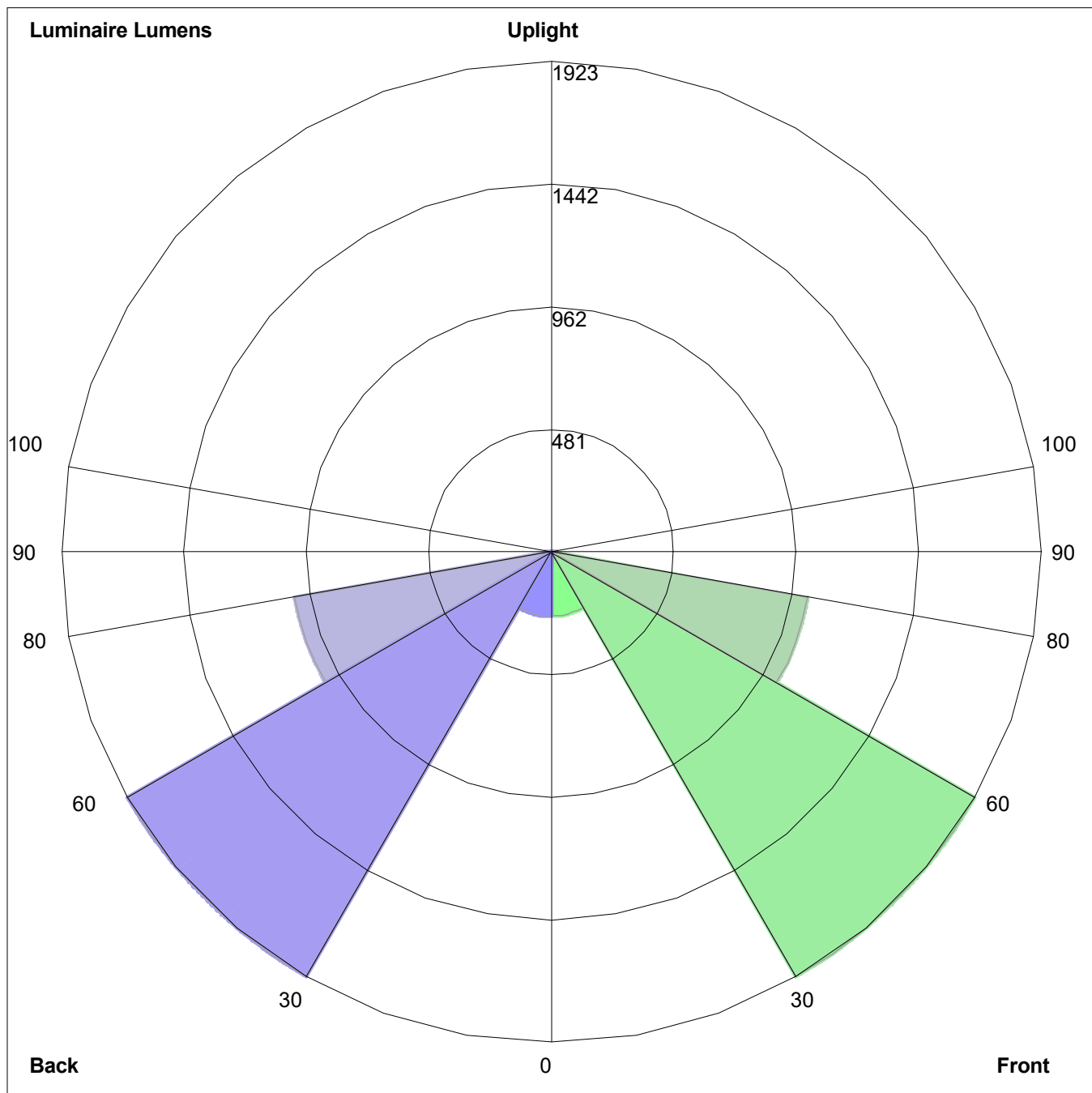


Maximum Candela = 2854.287 Located At Horizontal Angle = 320, Vertical Angle = 57.5
1 - Vertical Plane Through Horizontal Angles (320 - 140) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (57.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=251.7, Medium=1923.2, High=1023.4, Very High=24.1
Back: Low=251.7, Medium=1923.2, High=1023.4, Very High=24.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1