

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-M_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L10-930U-L10-930D-xxx-DIM-UNV-N-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH NARROW DIST

[LAMPCAT] BL V18 COB

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1820
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2625.5
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2625.5
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.161 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.851 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	355.7	N.A.	19.5
FM - Front-Medium (30-60)	92.3	N.A.	5.1
FH - Front-High (60-80)	6.7	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	355.7	N.A.	19.5
BM - Back-Medium (30-60)	92.3	N.A.	5.1
BH - Back-High (60-80)	6.7	N.A.	0.4
BVH - Back-Very High (80-90)	0.4	N.A.	0.0
UL - Uplight-Low (90-100)	0.8	N.A.	0.0
UH - Uplight-High (100-180)	909.3	N.A.	50.0
Total	1820.3	N.A.	100.0
BUG Rating	B1-U4-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2260.750	2260.640	2260.531	2260.419	2260.309	2260.441	2260.814	2261.183	2261.556	2261.929
10	1497.727	1498.168	1498.611	1499.051	1499.491	1500.664	1502.566	1504.468	1506.371	1508.273
15	936.775	936.865	936.952	937.042	937.128	937.803	939.063	940.322	941.582	942.841
20	656.895	656.991	657.087	657.181	657.277	657.624	658.218	658.816	659.410	660.008
25	524.944	524.552	524.157	523.765	523.369	523.122	523.022	522.920	522.820	522.717
30	398.641	398.192	397.745	397.295	396.849	395.984	394.702	393.420	392.141	390.859
35	187.868	187.961	188.057	188.151	188.244	188.382	188.562	188.742	188.922	189.102
40	67.510	67.754	67.998	68.245	68.490	68.920	69.537	70.151	70.768	71.385
45	42.779	42.833	42.888	42.943	42.997	43.087	43.212	43.338	43.463	43.588
50	29.631	29.669	29.708	29.750	29.788	29.853	29.943	30.036	30.126	30.216
55	20.220	20.242	20.265	20.287	20.310	20.355	20.416	20.480	20.541	20.605
60	13.347	13.363	13.379	13.395	13.411	13.437	13.479	13.521	13.562	13.604
65	8.945	8.948	8.955	8.958	8.961	8.977	9.003	9.029	9.054	9.080
70	5.983	5.983	5.986	5.986	5.989	5.996	6.005	6.018	6.028	6.041
75	3.746	3.743	3.743	3.740	3.737	3.737	3.740	3.743	3.746	3.750
80	1.819	1.819	1.819	1.822	1.822	1.825	1.828	1.831	1.838	1.841
85	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
90	0.141	0.141	0.141	0.148	0.148	0.148	0.148	0.154	0.154	0.154
95	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
100	1.819	1.819	1.819	1.822	1.822	1.825	1.828	1.831	1.838	1.841
105	3.746	3.743	3.743	3.740	3.737	3.737	3.740	3.743	3.746	3.750
110	5.983	5.983	5.986	5.986	5.989	5.996	6.005	6.018	6.028	6.041
115	8.945	8.948	8.955	8.958	8.961	8.977	9.003	9.029	9.054	9.080
120	13.347	13.363	13.379	13.395	13.411	13.437	13.479	13.521	13.562	13.604
125	20.220	20.242	20.265	20.287	20.310	20.355	20.416	20.480	20.541	20.605
130	29.631	29.669	29.708	29.750	29.788	29.853	29.943	30.036	30.126	30.216
135	42.779	42.833	42.888	42.943	42.997	43.087	43.212	43.338	43.463	43.588
140	67.510	67.754	67.998	68.245	68.490	68.920	69.537	70.151	70.768	71.385
145	187.868	187.961	188.057	188.151	188.244	188.382	188.562	188.742	188.922	189.102
150	398.641	398.192	397.745	397.295	396.849	395.984	394.702	393.420	392.141	390.859
155	524.944	524.552	524.157	523.765	523.369	523.122	523.022	522.920	522.820	522.717
160	656.895	656.991	657.087	657.181	657.277	657.624	658.218	658.816	659.410	660.008
165	936.775	936.865	936.952	937.042	937.128	937.803	939.063	940.322	941.582	942.841
170	1497.727	1498.168	1498.611	1499.051	1499.491	1500.664	1502.566	1504.468	1506.371	1508.273
175	2260.750	2260.640	2260.531	2260.422	2260.309	2260.441	2260.814	2261.187	2261.556	2261.929
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2261.964	2261.999	2262.035	2262.070	2262.167	2262.321	2262.478	2262.632	2262.787	2262.632
10	1510.483	1512.697	1514.908	1517.122	1518.850	1520.094	1521.340	1522.584	1523.830	1522.584
15	944.499	946.157	947.812	949.470	950.755	951.664	952.574	953.486	954.395	953.486
20	660.766	661.521	662.280	663.035	663.674	664.195	664.712	665.233	665.753	665.233
25	522.878	523.035	523.196	523.353	523.639	524.051	524.462	524.873	525.284	524.873
30	391.107	391.351	391.598	391.846	392.209	392.688	393.166	393.645	394.124	393.645
35	189.882	190.660	191.441	192.221	192.700	192.883	193.067	193.250	193.433	193.250
40	71.706	72.030	72.352	72.676	72.985	73.280	73.576	73.872	74.167	73.872
45	43.621	43.656	43.688	43.723	43.755	43.788	43.817	43.849	43.881	43.849
50	30.270	30.325	30.380	30.434	30.473	30.495	30.521	30.543	30.569	30.543
55	20.650	20.699	20.744	20.792	20.824	20.846	20.869	20.888	20.911	20.888

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CANDELA TABULATION - (Cont.)

60	13.633	13.659	13.688	13.717	13.739	13.755	13.774	13.790	13.810	13.790
65	9.093	9.106	9.115	9.128	9.138	9.141	9.148	9.151	9.157	9.151
70	6.044	6.050	6.053	6.057	6.060	6.057	6.057	6.053	6.053	6.053
75	3.753	3.753	3.756	3.759	3.759	3.756	3.753	3.750	3.746	3.750
80	1.844	1.848	1.848	1.851	1.851	1.851	1.848	1.848	1.848	1.848
85	0.392	0.392	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
90	0.154	0.154	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
95	0.392	0.392	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
100	1.844	1.848	1.848	1.851	1.851	1.851	1.848	1.848	1.848	1.848
105	3.753	3.753	3.756	3.759	3.759	3.756	3.753	3.750	3.746	3.750
110	6.044	6.050	6.053	6.057	6.060	6.057	6.057	6.053	6.053	6.053
115	9.093	9.106	9.115	9.128	9.138	9.141	9.148	9.151	9.157	9.151
120	13.633	13.659	13.688	13.717	13.739	13.755	13.774	13.790	13.810	13.790
125	20.650	20.699	20.744	20.792	20.824	20.846	20.869	20.888	20.911	20.888
130	30.270	30.325	30.380	30.434	30.473	30.495	30.521	30.543	30.569	30.543
135	43.621	43.656	43.688	43.723	43.755	43.788	43.817	43.849	43.881	43.849
140	71.706	72.030	72.352	72.676	72.985	73.280	73.576	73.872	74.167	73.872
145	189.882	190.660	191.441	192.221	192.700	192.883	193.067	193.250	193.433	193.250
150	391.107	391.351	391.598	391.846	392.209	392.688	393.166	393.645	394.124	393.645
155	522.878	523.035	523.196	523.353	523.639	524.051	524.462	524.873	525.284	524.873
160	660.766	661.521	662.280	663.035	663.674	664.195	664.712	665.233	665.753	665.233
165	944.499	946.157	947.812	949.470	950.755	951.664	952.574	953.486	954.395	953.486
170	1510.483	1512.697	1514.908	1517.122	1518.850	1520.094	1521.340	1522.584	1523.830	1522.584
175	2261.964	2261.999	2262.038	2262.073	2262.167	2262.324	2262.478	2262.632	2262.787	2262.632
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles

Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2262.478	2262.321	2262.167	2262.070	2262.035	2261.999	2261.964	2261.929	2261.556	2261.183
10	1521.340	1520.094	1518.850	1517.122	1514.908	1512.697	1510.483	1508.273	1506.371	1504.468
15	952.574	951.664	950.755	949.470	947.812	946.157	944.499	942.841	941.582	940.322
20	664.712	664.195	663.674	663.035	662.280	661.521	660.766	660.008	659.410	658.816
25	524.462	524.051	523.639	523.353	523.196	523.035	522.878	522.717	522.820	522.920
30	393.166	392.688	392.209	391.846	391.598	391.351	391.107	390.859	392.141	393.420
35	193.067	192.883	192.700	192.221	191.441	190.660	189.882	189.102	188.922	188.742
40	73.576	73.280	72.985	72.676	72.352	72.030	71.706	71.385	70.768	70.151
45	43.817	43.788	43.755	43.723	43.688	43.656	43.621	43.588	43.463	43.338
50	30.521	30.495	30.473	30.434	30.380	30.325	30.270	30.216	30.126	30.036
55	20.869	20.846	20.824	20.792	20.744	20.699	20.650	20.605	20.541	20.480
60	13.774	13.755	13.739	13.717	13.688	13.659	13.633	13.604	13.562	13.521
65	9.148	9.141	9.138	9.128	9.115	9.106	9.093	9.080	9.054	9.029
70	6.057	6.057	6.060	6.057	6.053	6.050	6.044	6.041	6.028	6.018
75	3.753	3.756	3.759	3.759	3.756	3.753	3.753	3.750	3.746	3.743
80	1.848	1.851	1.851	1.851	1.848	1.848	1.844	1.841	1.838	1.831
85	0.389	0.389	0.389	0.389	0.389	0.392	0.392	0.392	0.392	0.392
90	0.161	0.161	0.161	0.161	0.161	0.154	0.154	0.154	0.154	0.154
95	0.389	0.389	0.389	0.389	0.389	0.392	0.392	0.392	0.392	0.392
100	1.848	1.851	1.851	1.851	1.848	1.848	1.844	1.841	1.838	1.831
105	3.753	3.756	3.759	3.759	3.756	3.753	3.753	3.750	3.746	3.743
110	6.057	6.057	6.060	6.057	6.053	6.050	6.044	6.041	6.028	6.018
115	9.148	9.141	9.138	9.128	9.115	9.106	9.093	9.080	9.054	9.029
120	13.774	13.755	13.739	13.717	13.688	13.659	13.633	13.604	13.562	13.521
125	20.869	20.846	20.824	20.792	20.744	20.699	20.650	20.605	20.541	20.480
130	30.521	30.495	30.473	30.434	30.380	30.325	30.270	30.216	30.126	30.036

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CANDELA TABULATION - (Cont.)

135	43.817	43.788	43.755	43.723	43.688	43.656	43.621	43.588	43.463	43.338
140	73.576	73.280	72.985	72.676	72.352	72.030	71.706	71.385	70.768	70.151
145	193.067	192.883	192.700	192.221	191.441	190.660	189.882	189.102	188.922	188.742
150	393.166	392.688	392.209	391.846	391.598	391.351	391.107	390.859	392.141	393.420
155	524.462	524.051	523.639	523.353	523.196	523.035	522.878	522.717	522.820	522.920
160	664.712	664.195	663.674	663.035	662.280	661.521	660.766	660.008	659.410	658.816
165	952.574	951.664	950.755	949.470	947.812	946.157	944.499	942.841	941.582	940.322
170	1521.340	1520.094	1518.850	1517.122	1514.908	1512.697	1510.483	1508.273	1506.371	1504.468
175	2262.478	2262.324	2262.167	2262.073	2262.038	2261.999	2261.964	2261.929	2261.556	2261.187
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles

Horizontal Angles

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>	<u>185</u>	<u>190</u>	<u>195</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2260.814	2260.441	2260.309	2260.419	2260.531	2260.640	2260.750	2260.640	2260.531	2260.419
10	1502.566	1500.664	1499.491	1499.051	1498.611	1498.168	1497.727	1498.168	1498.611	1499.051
15	939.063	937.803	937.128	937.042	936.952	936.865	936.775	936.865	936.952	937.042
20	658.218	657.624	657.277	657.181	657.087	656.991	656.895	656.991	657.087	657.181
25	523.022	523.122	523.369	523.765	524.157	524.552	524.944	524.552	524.157	523.765
30	394.702	395.984	396.849	397.295	397.745	398.192	398.641	398.192	397.745	397.295
35	188.562	188.382	188.244	188.151	188.057	187.961	187.868	187.961	188.057	188.151
40	69.537	68.920	68.490	68.245	67.998	67.754	67.510	67.754	67.998	68.245
45	43.212	43.087	42.997	42.943	42.888	42.833	42.779	42.833	42.888	42.943
50	29.943	29.853	29.788	29.750	29.708	29.669	29.631	29.669	29.708	29.750
55	20.416	20.355	20.310	20.287	20.265	20.242	20.220	20.242	20.265	20.287
60	13.479	13.437	13.411	13.395	13.379	13.363	13.347	13.363	13.379	13.395
65	9.003	8.977	8.961	8.958	8.955	8.948	8.945	8.948	8.955	8.958
70	6.005	5.996	5.989	5.986	5.986	5.983	5.983	5.983	5.986	5.986
75	3.740	3.737	3.737	3.740	3.743	3.743	3.746	3.743	3.743	3.740
80	1.828	1.825	1.822	1.822	1.819	1.819	1.819	1.819	1.819	1.822
85	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
90	0.148	0.148	0.148	0.148	0.141	0.141	0.141	0.141	0.141	0.148
95	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
100	1.828	1.825	1.822	1.822	1.819	1.819	1.819	1.819	1.819	1.822
105	3.740	3.737	3.737	3.740	3.743	3.743	3.746	3.743	3.743	3.740
110	6.005	5.996	5.989	5.986	5.986	5.983	5.983	5.983	5.986	5.986
115	9.003	8.977	8.961	8.958	8.955	8.948	8.945	8.948	8.955	8.958
120	13.479	13.437	13.411	13.395	13.379	13.363	13.347	13.363	13.379	13.395
125	20.416	20.355	20.310	20.287	20.265	20.242	20.220	20.242	20.265	20.287
130	29.943	29.853	29.788	29.750	29.708	29.669	29.631	29.669	29.708	29.750
135	43.212	43.087	42.997	42.943	42.888	42.833	42.779	42.833	42.888	42.943
140	69.537	68.920	68.490	68.245	67.998	67.754	67.510	67.754	67.998	68.245
145	188.562	188.382	188.244	188.151	188.057	187.961	187.868	187.961	188.057	188.151
150	394.702	395.984	396.849	397.295	397.745	398.192	398.641	398.192	397.745	397.295
155	523.022	523.122	523.369	523.765	524.157	524.552	524.944	524.552	524.157	523.765
160	658.218	657.624	657.277	657.181	657.087	656.991	656.895	656.991	657.087	657.181
165	939.063	937.803	937.128	937.042	936.952	936.865	936.775	936.865	936.952	937.042
170	1502.566	1500.664	1499.491	1499.051	1498.611	1498.168	1497.727	1498.168	1498.611	1499.051
175	2260.814	2260.441	2260.309	2260.422	2260.531	2260.640	2260.750	2260.640	2260.531	2260.422
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles

Horizontal Angles

	<u>200</u>	<u>205</u>	<u>210</u>	<u>215</u>	<u>220</u>	<u>225</u>	<u>230</u>	<u>235</u>	<u>240</u>	<u>245</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2260.309	2260.441	2260.814	2261.183	2261.556	2261.929	2261.964	2261.999	2262.035	2262.070
10	1499.491	1500.664	1502.566	1504.468	1506.371	1508.273	1510.483	1512.697	1514.908	1517.122
15	937.128	937.803	939.063	940.322	941.582	942.841	944.499	946.157	947.812	949.470
20	657.277	657.624	658.218	658.816	659.410	660.008	660.766	661.521	662.280	663.035
25	523.369	523.122	523.022	522.920	522.820	522.717	522.878	523.035	523.196	523.353
30	396.849	395.984	394.702	393.420	392.141	390.859	391.107	391.351	391.598	391.846
35	188.244	188.382	188.562	188.742	188.922	189.102	189.882	190.660	191.441	192.221
40	68.490	68.920	69.537	70.151	70.768	71.385	71.706	72.030	72.352	72.676
45	42.997	43.087	43.212	43.338	43.463	43.588	43.621	43.656	43.688	43.723
50	29.788	29.853	29.943	30.036	30.126	30.216	30.270	30.325	30.380	30.434
55	20.310	20.355	20.416	20.480	20.541	20.605	20.650	20.699	20.744	20.792
60	13.411	13.437	13.479	13.521	13.562	13.604	13.633	13.659	13.688	13.717
65	8.961	8.977	9.003	9.029	9.054	9.080	9.093	9.106	9.115	9.128
70	5.989	5.996	6.005	6.018	6.028	6.041	6.044	6.050	6.053	6.057
75	3.737	3.737	3.740	3.743	3.746	3.750	3.753	3.753	3.756	3.759
80	1.822	1.825	1.828	1.831	1.838	1.841	1.844	1.848	1.848	1.851
85	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.389	0.389
90	0.148	0.148	0.148	0.154	0.154	0.154	0.154	0.154	0.161	0.161
95	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.389	0.389
100	1.822	1.825	1.828	1.831	1.838	1.841	1.844	1.848	1.848	1.851
105	3.737	3.737	3.740	3.743	3.746	3.750	3.753	3.753	3.756	3.759
110	5.989	5.996	6.005	6.018	6.028	6.041	6.044	6.050	6.053	6.057
115	8.961	8.977	9.003	9.029	9.054	9.080	9.093	9.106	9.115	9.128
120	13.411	13.437	13.479	13.521	13.562	13.604	13.633	13.659	13.688	13.717
125	20.310	20.355	20.416	20.480	20.541	20.605	20.650	20.699	20.744	20.792
130	29.788	29.853	29.943	30.036	30.126	30.216	30.270	30.325	30.380	30.434
135	42.997	43.087	43.212	43.338	43.463	43.588	43.621	43.656	43.688	43.723
140	68.490	68.920	69.537	70.151	70.768	71.385	71.706	72.030	72.352	72.676
145	188.244	188.382	188.562	188.742	188.922	189.102	189.882	190.660	191.441	192.221
150	396.849	395.984	394.702	393.420	392.141	390.859	391.107	391.351	391.598	391.846
155	523.369	523.122	523.022	522.920	522.820	522.717	522.878	523.035	523.196	523.353
160	657.277	657.624	658.218	658.816	659.410	660.008	660.766	661.521	662.280	663.035
165	937.128	937.803	939.063	940.322	941.582	942.841	944.499	946.157	947.812	949.470
170	1499.491	1500.664	1502.566	1504.468	1506.371	1508.273	1510.483	1512.697	1514.908	1517.122
175	2260.309	2260.441	2260.814	2261.187	2261.556	2261.929	2261.964	2261.999	2262.038	2262.073
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2262.167	2262.321	2262.478	2262.632	2262.787	2262.632	2262.478	2262.321	2262.167	2262.070
10	1518.850	1520.094	1521.340	1522.584	1523.830	1522.584	1521.340	1520.094	1518.850	1517.122
15	950.755	951.664	952.574	953.486	954.395	953.486	952.574	951.664	950.755	949.470
20	663.674	664.195	664.712	665.233	665.753	665.233	664.712	664.195	663.674	663.035
25	523.639	524.051	524.462	524.873	525.284	524.873	524.462	524.051	523.639	523.353
30	392.209	392.688	393.166	393.645	394.124	393.645	393.166	392.688	392.209	391.846
35	192.700	192.883	193.067	193.250	193.433	193.250	193.067	192.883	192.700	192.221
40	72.985	73.280	73.576	73.872	74.167	73.872	73.576	73.280	72.985	72.676
45	43.755	43.788	43.817	43.849	43.881	43.849	43.817	43.788	43.755	43.723
50	30.473	30.495	30.521	30.543	30.569	30.543	30.521	30.495	30.473	30.434
55	20.824	20.846	20.869	20.888	20.911	20.888	20.869	20.846	20.824	20.792
60	13.739	13.755	13.774	13.790	13.810	13.790	13.774	13.755	13.739	13.717
65	9.138	9.141	9.148	9.151	9.157	9.151	9.148	9.141	9.138	9.128
70	6.060	6.057	6.057	6.053	6.053	6.053	6.057	6.057	6.060	6.057
75	3.759	3.756	3.753	3.750	3.746	3.750	3.753	3.756	3.759	3.759

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.851	1.851	1.848	1.848	1.848	1.848	1.848	1.851	1.851	1.851
85	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
90	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
95	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
100	1.851	1.851	1.848	1.848	1.848	1.848	1.848	1.851	1.851	1.851
105	3.759	3.756	3.753	3.750	3.746	3.750	3.753	3.756	3.759	3.759
110	6.060	6.057	6.057	6.053	6.053	6.053	6.057	6.057	6.060	6.057
115	9.138	9.141	9.148	9.151	9.157	9.151	9.148	9.141	9.138	9.128
120	13.739	13.755	13.774	13.790	13.810	13.790	13.774	13.755	13.739	13.717
125	20.824	20.846	20.869	20.888	20.911	20.888	20.869	20.846	20.824	20.792
130	30.473	30.495	30.521	30.543	30.569	30.543	30.521	30.495	30.473	30.434
135	43.755	43.788	43.817	43.849	43.881	43.849	43.817	43.788	43.755	43.723
140	72.985	73.280	73.576	73.872	74.167	73.872	73.576	73.280	72.985	72.676
145	192.700	192.883	193.067	193.250	193.433	193.250	193.067	192.883	192.700	192.221
150	392.209	392.688	393.166	393.645	394.124	393.645	393.166	392.688	392.209	391.846
155	523.639	524.051	524.462	524.873	525.284	524.873	524.462	524.051	523.639	523.353
160	663.674	664.195	664.712	665.233	665.753	665.233	664.712	664.195	663.674	663.035
165	950.755	951.664	952.574	953.486	954.395	953.486	952.574	951.664	950.755	949.470
170	1518.850	1520.094	1521.340	1522.584	1523.830	1522.584	1521.340	1520.094	1518.850	1517.122
175	2262.167	2262.324	2262.478	2262.632	2262.787	2262.632	2262.478	2262.324	2262.167	2262.073
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles

Horizontal Angles

	<u>300</u>	<u>305</u>	<u>310</u>	<u>315</u>	<u>320</u>	<u>325</u>	<u>330</u>	<u>335</u>	<u>340</u>	<u>345</u>
0	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500	2625.500
5	2262.035	2261.999	2261.964	2261.929	2261.556	2261.183	2260.814	2260.441	2260.309	2260.419
10	1514.908	1512.697	1510.483	1508.273	1506.371	1504.468	1502.566	1500.664	1499.491	1499.051
15	947.812	946.157	944.499	942.841	941.582	940.322	939.063	937.803	937.128	937.042
20	662.280	661.521	660.766	660.008	659.410	658.816	658.218	657.624	657.277	657.181
25	523.196	523.035	522.878	522.717	522.820	522.920	523.022	523.122	523.369	523.765
30	391.598	391.351	391.107	390.859	392.141	393.420	394.702	395.984	396.849	397.295
35	191.441	190.660	189.882	189.102	188.922	188.742	188.562	188.382	188.244	188.151
40	72.352	72.030	71.706	71.385	70.768	70.151	69.537	68.920	68.490	68.245
45	43.688	43.656	43.621	43.588	43.463	43.338	43.212	43.087	42.997	42.943
50	30.380	30.325	30.270	30.216	30.126	30.036	29.943	29.853	29.788	29.750
55	20.744	20.699	20.650	20.605	20.541	20.480	20.416	20.355	20.310	20.287
60	13.688	13.659	13.633	13.604	13.562	13.521	13.479	13.437	13.411	13.395
65	9.115	9.106	9.093	9.080	9.054	9.029	9.003	8.977	8.961	8.958
70	6.053	6.050	6.044	6.041	6.028	6.018	6.005	5.996	5.989	5.986
75	3.756	3.753	3.753	3.750	3.746	3.743	3.740	3.737	3.737	3.740
80	1.848	1.848	1.844	1.841	1.838	1.831	1.828	1.825	1.822	1.822
85	0.389	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
90	0.161	0.154	0.154	0.154	0.154	0.154	0.148	0.148	0.148	0.148
95	0.389	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
100	1.848	1.848	1.844	1.841	1.838	1.831	1.828	1.825	1.822	1.822
105	3.756	3.753	3.753	3.750	3.746	3.743	3.740	3.737	3.737	3.740
110	6.053	6.050	6.044	6.041	6.028	6.018	6.005	5.996	5.989	5.986
115	9.115	9.106	9.093	9.080	9.054	9.029	9.003	8.977	8.961	8.958
120	13.688	13.659	13.633	13.604	13.562	13.521	13.479	13.437	13.411	13.395
125	20.744	20.699	20.650	20.605	20.541	20.480	20.416	20.355	20.310	20.287
130	30.380	30.325	30.270	30.216	30.126	30.036	29.943	29.853	29.788	29.750
135	43.688	43.656	43.621	43.588	43.463	43.338	43.212	43.087	42.997	42.943
140	72.352	72.030	71.706	71.385	70.768	70.151	69.537	68.920	68.490	68.245
145	191.441	190.660	189.882	189.102	188.922	188.742	188.562	188.382	188.244	188.151
150	391.598	391.351	391.107	390.859	392.141	393.420	394.702	395.984	396.849	397.295

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_.IES****CANDELA TABULATION - (Cont.)**

155	523.196	523.035	522.878	522.717	522.820	522.920	523.022	523.122	523.369	523.765
160	662.280	661.521	660.766	660.008	659.410	658.816	658.218	657.624	657.277	657.181
165	947.812	946.157	944.499	942.841	941.582	940.322	939.063	937.803	937.128	937.042
170	1514.908	1512.697	1510.483	1508.273	1506.371	1504.468	1502.566	1500.664	1499.491	1499.051
175	2262.038	2261.999	2261.964	2261.929	2261.556	2261.187	2260.814	2260.441	2260.309	2260.422
180	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394	2625.394

Vert. Angles **Horizontal Angles**

	350	355	360
0	2625.500	2625.500	2625.500
5	2260.531	2260.640	2260.750
10	1498.611	1498.168	1497.727
15	936.952	936.865	936.775
20	657.087	656.991	656.895
25	524.157	524.552	524.944
30	397.745	398.192	398.641
35	188.057	187.961	187.868
40	67.998	67.754	67.510
45	42.888	42.833	42.779
50	29.708	29.669	29.631
55	20.265	20.242	20.220
60	13.379	13.363	13.347
65	8.955	8.948	8.945
70	5.986	5.983	5.983
75	3.743	3.743	3.746
80	1.819	1.819	1.819
85	0.392	0.392	0.392
90	0.141	0.141	0.141
95	0.392	0.392	0.392
100	1.819	1.819	1.819
105	3.743	3.743	3.746
110	5.986	5.983	5.983
115	8.955	8.948	8.945
120	13.379	13.363	13.347
125	20.265	20.242	20.220
130	29.708	29.669	29.631
135	42.888	42.833	42.779
140	67.998	67.754	67.510
145	188.057	187.961	187.868
150	397.745	398.192	398.641
155	524.157	524.552	524.944
160	657.087	656.991	656.895
165	936.952	936.865	936.775
170	1498.611	1498.168	1497.727
175	2260.531	2260.640	2260.750
180	2625.394	2625.394	2625.394

COEFFICIENTS OF UTILIZATION



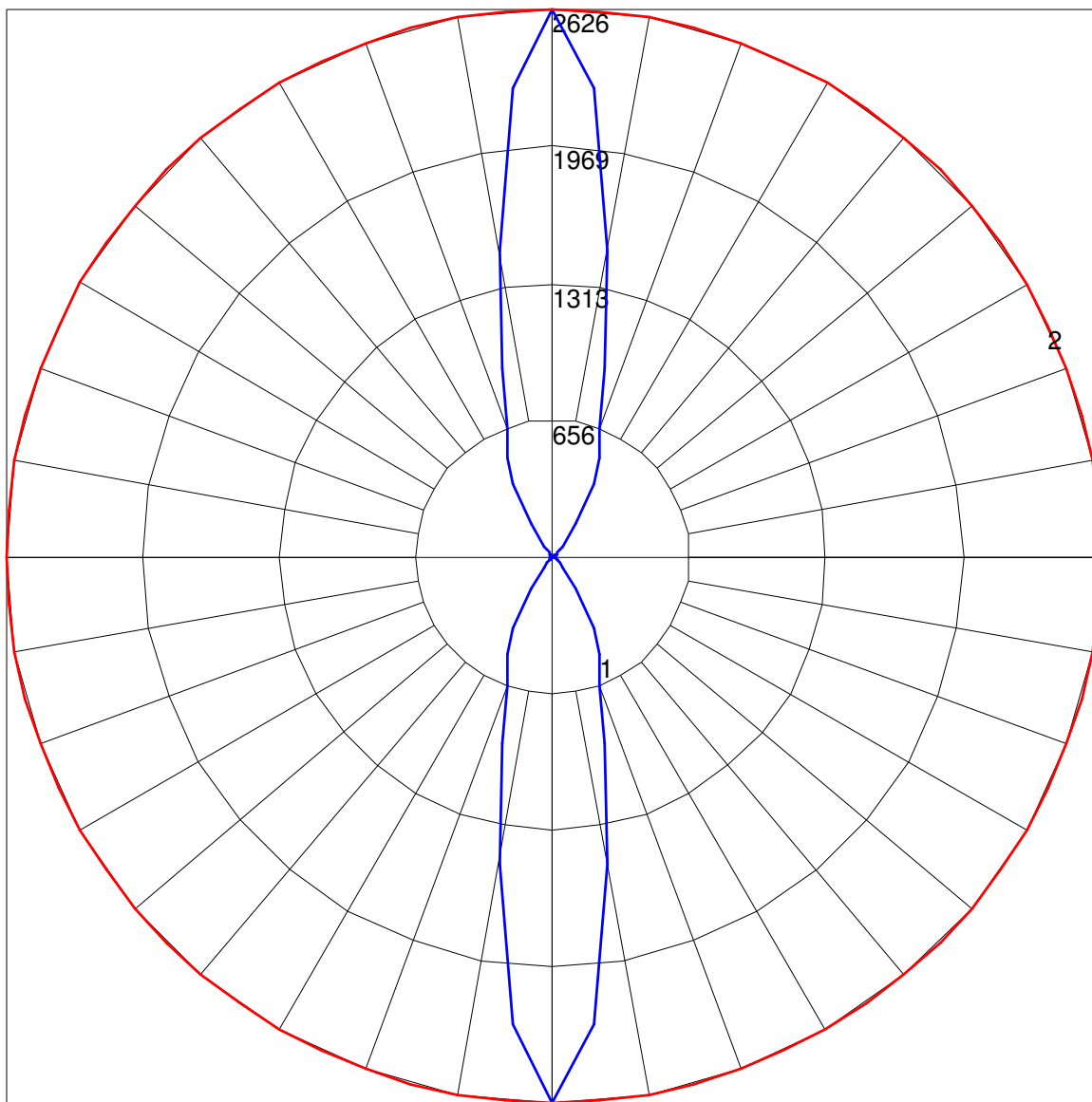
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	455.0	25.0
Downward House Side	455.0	25.0
Downward Total	910.0	50.0
Upward Street Side	455.0	25.0
Upward House Side	455.0	25.0
Upward Total	910.0	50.0
Total Flux	1820.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH

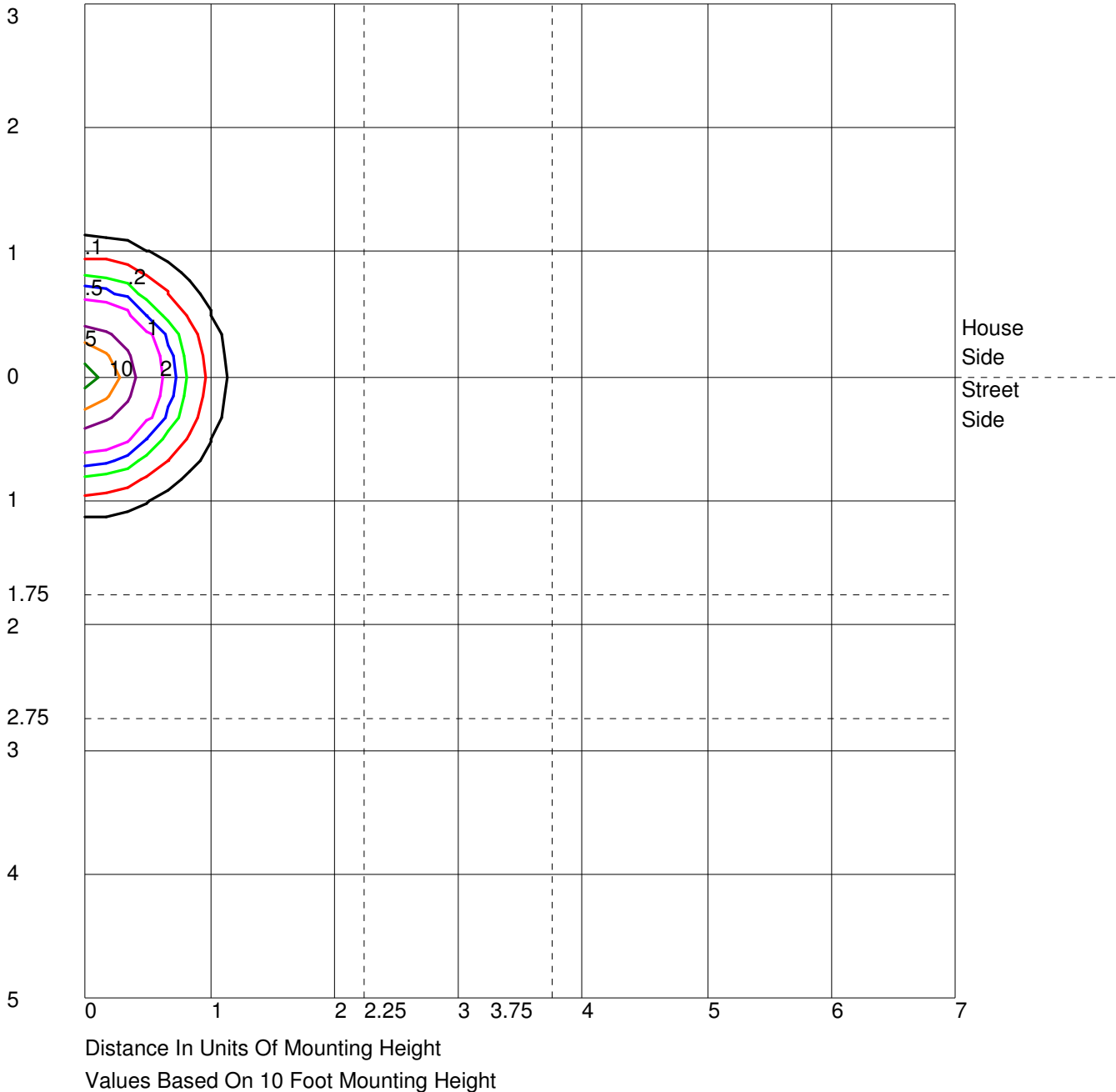


Maximum Candela = 2625.5 Located At Horizontal Angle = 360, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



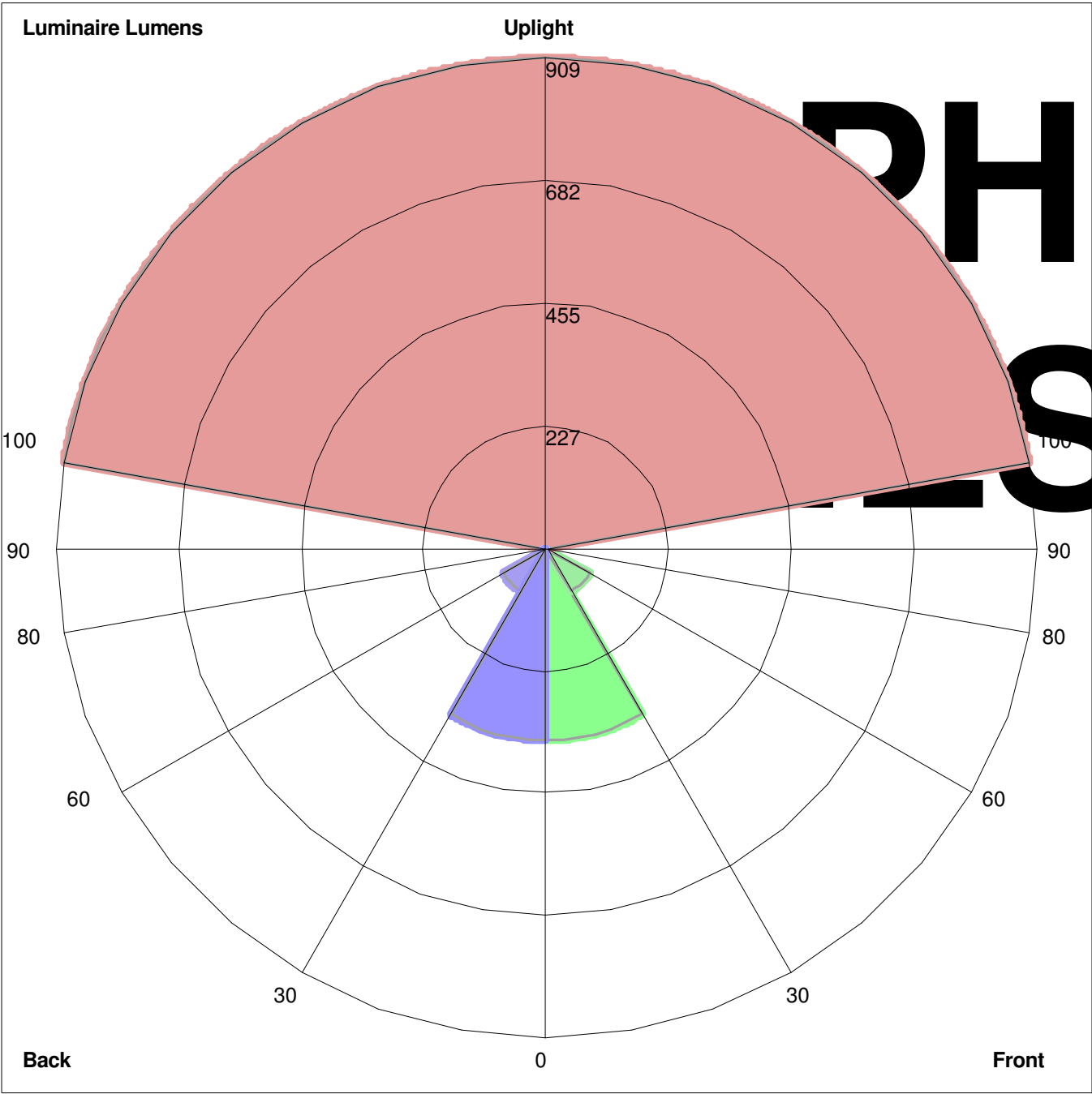


PHOTO
LUMENS