

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-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-L30-950U-L30-950D-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	5175
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7465.466
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7465.466
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.457 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.262 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1011.4	N.A.	19.5
FM - Front-Medium (30-60)	262.4	N.A.	5.1
FH - Front-High (60-80)	19.0	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1011.4	N.A.	19.5
BM - Back-Medium (30-60)	262.4	N.A.	5.1
BH - Back-High (60-80)	19.0	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.1	N.A.	0.0
UH - Uplight-High (100-180)	2585.5	N.A.	50.0
Total	5175.4	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6428.319	6428.008	6427.698	6427.378	6427.067	6427.442	6428.502	6429.552	6430.612	6431.672
10	4258.707	4259.959	4261.219	4262.471	4263.723	4267.057	4272.466	4277.875	4283.283	4288.692
15	2663.669	2663.924	2664.171	2664.427	2664.674	2666.592	2670.174	2673.755	2677.336	2680.918
20	1867.844	1868.118	1868.392	1868.657	1868.932	1869.918	1871.608	1873.308	1874.998	1876.697
25	1492.649	1491.535	1490.411	1489.296	1488.172	1487.469	1487.186	1486.893	1486.610	1486.318
30	1133.515	1132.236	1130.967	1129.687	1128.418	1125.960	1122.315	1118.669	1115.033	1111.388
35	534.192	534.457	534.731	534.996	535.261	535.654	536.165	536.677	537.189	537.700
40	191.960	192.654	193.349	194.052	194.747	195.971	197.725	199.470	201.224	202.978
45	121.639	121.794	121.950	122.105	122.260	122.516	122.872	123.229	123.585	123.941
50	84.254	84.363	84.473	84.592	84.701	84.884	85.140	85.405	85.661	85.917
55	57.494	57.558	57.622	57.686	57.750	57.878	58.051	58.234	58.408	58.590
60	37.952	37.997	38.043	38.089	38.134	38.207	38.326	38.445	38.564	38.683
65	25.435	25.444	25.463	25.472	25.481	25.526	25.600	25.673	25.746	25.819
70	17.012	17.012	17.021	17.021	17.030	17.048	17.076	17.112	17.139	17.176
75	10.653	10.644	10.644	10.635	10.625	10.625	10.635	10.644	10.653	10.662
80	5.171	5.171	5.171	5.180	5.180	5.189	5.198	5.208	5.226	5.235
85	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
90	0.402	0.402	0.402	0.420	0.420	0.420	0.420	0.439	0.439	0.439
95	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
100	5.171	5.171	5.171	5.180	5.180	5.189	5.198	5.208	5.226	5.235
105	10.653	10.644	10.644	10.635	10.625	10.625	10.635	10.644	10.653	10.662
110	17.012	17.012	17.021	17.021	17.030	17.048	17.076	17.112	17.139	17.176
115	25.435	25.444	25.463	25.472	25.481	25.526	25.600	25.673	25.746	25.819
120	37.952	37.997	38.043	38.089	38.134	38.207	38.326	38.445	38.564	38.683
125	57.494	57.558	57.622	57.686	57.750	57.878	58.051	58.234	58.408	58.590
130	84.254	84.363	84.473	84.592	84.701	84.884	85.140	85.405	85.661	85.917
135	121.639	121.794	121.950	122.105	122.260	122.516	122.872	123.229	123.585	123.941
140	191.960	192.654	193.349	194.052	194.747	195.971	197.725	199.470	201.224	202.978
145	534.192	534.457	534.731	534.996	535.261	535.654	536.165	536.677	537.189	537.700
150	1133.515	1132.236	1130.967	1129.687	1128.418	1125.960	1122.315	1118.669	1115.033	1111.388
155	1492.649	1491.535	1490.411	1489.296	1488.172	1487.469	1487.186	1486.893	1486.610	1486.318
160	1867.844	1868.118	1868.392	1868.657	1868.932	1869.918	1871.608	1873.308	1874.998	1876.697
165	2663.669	2663.924	2664.171	2664.427	2664.674	2666.592	2670.174	2673.755	2677.336	2680.918
170	4258.707	4259.959	4261.219	4262.471	4263.723	4267.057	4272.466	4277.875	4283.283	4288.692
175	6428.319	6428.008	6427.698	6427.378	6427.067	6427.442	6428.502	6429.561	6430.612	6431.672
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6431.772	6431.873	6431.973	6432.074	6432.348	6432.787	6433.234	6433.673	6434.111	6433.673
10	4294.978	4301.272	4307.558	4313.853	4318.768	4322.304	4325.849	4329.384	4332.929	4329.384
15	2685.632	2690.346	2695.051	2699.766	2703.420	2706.006	2708.591	2711.186	2713.771	2711.186
20	1878.853	1881.000	1883.157	1885.304	1887.122	1888.602	1890.073	1891.553	1893.033	1891.553
25	1486.775	1487.222	1487.679	1488.127	1488.940	1490.109	1491.279	1492.448	1493.618	1492.448
30	1112.091	1112.786	1113.489	1114.192	1115.225	1116.586	1117.947	1119.309	1120.670	1119.309
35	539.920	542.131	544.351	546.571	547.933	548.453	548.974	549.495	550.016	549.495
40	203.892	204.815	205.728	206.651	207.528	208.369	209.209	210.050	210.890	210.050
45	124.033	124.133	124.225	124.325	124.416	124.508	124.590	124.681	124.773	124.681
50	86.072	86.227	86.382	86.538	86.647	86.711	86.784	86.848	86.922	86.848
55	58.718	58.855	58.983	59.120	59.212	59.275	59.339	59.394	59.458	59.394

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CANDELA TABULATION - (Cont.)

60	38.765	38.838	38.920	39.002	39.066	39.112	39.167	39.212	39.267	39.212
65	25.855	25.892	25.919	25.956	25.983	25.992	26.011	26.020	26.038	26.020
70	17.185	17.203	17.213	17.222	17.231	17.222	17.222	17.213	17.213	17.213
75	10.671	10.671	10.680	10.689	10.689	10.680	10.671	10.662	10.653	10.662
80	5.244	5.253	5.253	5.262	5.262	5.262	5.253	5.253	5.253	5.253
85	1.115	1.115	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105
90	0.439	0.439	0.457	0.457	0.457	0.457	0.457	0.457	0.457	0.457
95	1.115	1.115	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105
100	5.244	5.253	5.253	5.262	5.262	5.262	5.253	5.253	5.253	5.253
105	10.671	10.671	10.680	10.689	10.689	10.680	10.671	10.662	10.653	10.662
110	17.185	17.203	17.213	17.222	17.231	17.222	17.222	17.213	17.213	17.213
115	25.855	25.892	25.919	25.956	25.983	25.992	26.011	26.020	26.038	26.020
120	38.765	38.838	38.920	39.002	39.066	39.112	39.167	39.212	39.267	39.212
125	58.718	58.855	58.983	59.120	59.212	59.275	59.339	59.394	59.458	59.394
130	86.072	86.227	86.382	86.538	86.647	86.711	86.784	86.848	86.922	86.848
135	124.033	124.133	124.225	124.325	124.416	124.508	124.590	124.681	124.773	124.681
140	203.892	204.815	205.728	206.651	207.528	208.369	209.209	210.050	210.890	210.050
145	539.920	542.131	544.351	546.571	547.933	548.453	548.974	549.495	550.016	549.495
150	1112.091	1112.786	1113.489	1114.192	1115.225	1116.586	1117.947	1119.309	1120.670	1119.309
155	1486.775	1487.222	1487.679	1488.127	1488.940	1490.109	1491.279	1492.448	1493.618	1492.448
160	1878.853	1881.000	1883.157	1885.304	1887.122	1888.602	1890.073	1891.553	1893.033	1891.553
165	2685.632	2690.346	2695.051	2699.766	2703.420	2706.006	2708.591	2711.186	2713.771	2711.186
170	4294.978	4301.272	4307.558	4313.853	4318.768	4322.304	4325.849	4329.384	4332.929	4329.384
175	6431.772	6431.873	6431.983	6432.083	6432.348	6432.796	6433.234	6433.673	6434.111	6433.673
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

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	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6433.234	6432.787	6432.348	6432.074	6431.973	6431.873	6431.772	6431.672	6430.612	6429.552
10	4325.849	4322.304	4318.768	4313.853	4307.558	4301.272	4294.978	4288.692	4283.283	4277.875
15	2708.591	2706.006	2703.420	2699.766	2695.051	2690.346	2685.632	2680.918	2677.336	2673.755
20	1890.073	1888.602	1887.122	1885.304	1883.157	1881.000	1878.853	1876.697	1874.998	1873.308
25	1491.279	1490.109	1488.940	1488.127	1487.679	1487.222	1486.775	1486.318	1486.610	1486.893
30	1117.947	1116.586	1115.225	1114.192	1113.489	1112.786	1112.091	1111.388	1115.033	1118.669
35	548.974	548.453	547.933	546.571	544.351	542.131	539.920	537.700	537.189	536.677
40	209.209	208.369	207.528	206.651	205.728	204.815	203.892	202.978	201.224	199.470
45	124.590	124.508	124.416	124.325	124.225	124.133	124.033	123.941	123.585	123.229
50	86.784	86.711	86.647	86.538	86.382	86.227	86.072	85.917	85.661	85.405
55	59.339	59.275	59.212	59.120	58.983	58.855	58.718	58.590	58.408	58.234
60	39.167	39.112	39.066	39.002	38.920	38.838	38.765	38.683	38.564	38.445
65	26.011	25.992	25.983	25.956	25.919	25.892	25.855	25.819	25.746	25.673
70	17.222	17.222	17.231	17.222	17.213	17.203	17.185	17.176	17.139	17.112
75	10.671	10.680	10.689	10.689	10.680	10.671	10.671	10.662	10.653	10.644
80	5.253	5.262	5.262	5.262	5.253	5.253	5.244	5.235	5.226	5.208
85	1.105	1.105	1.105	1.105	1.105	1.115	1.115	1.115	1.115	1.115
90	0.457	0.457	0.457	0.457	0.457	0.439	0.439	0.439	0.439	0.439
95	1.105	1.105	1.105	1.105	1.105	1.115	1.115	1.115	1.115	1.115
100	5.253	5.262	5.262	5.262	5.253	5.253	5.244	5.235	5.226	5.208
105	10.671	10.680	10.689	10.689	10.680	10.671	10.671	10.662	10.653	10.644
110	17.222	17.222	17.231	17.222	17.213	17.203	17.185	17.176	17.139	17.112
115	26.011	25.992	25.983	25.956	25.919	25.892	25.855	25.819	25.746	25.673
120	39.167	39.112	39.066	39.002	38.920	38.838	38.765	38.683	38.564	38.445
125	59.339	59.275	59.212	59.120	58.983	58.855	58.718	58.590	58.408	58.234
130	86.784	86.711	86.647	86.538	86.382	86.227	86.072	85.917	85.661	85.405

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CANDELA TABULATION - (Cont.)

135	124.590	124.508	124.416	124.325	124.225	124.133	124.033	123.941	123.585	123.229
140	209.209	208.369	207.528	206.651	205.728	204.815	203.892	202.978	201.224	199.470
145	548.974	548.453	547.933	546.571	544.351	542.131	539.920	537.700	537.189	536.677
150	1117.947	1116.586	1115.225	1114.192	1113.489	1112.786	1112.091	1111.388	1115.033	1118.669
155	1491.279	1490.109	1488.940	1488.127	1487.679	1487.222	1486.775	1486.318	1486.610	1486.893
160	1890.073	1888.602	1887.122	1885.304	1883.157	1881.000	1878.853	1876.697	1874.998	1873.308
165	2708.591	2706.006	2703.420	2699.766	2695.051	2690.346	2685.632	2680.918	2677.336	2673.755
170	4325.849	4322.304	4318.768	4313.853	4307.558	4301.272	4294.978	4288.692	4283.283	4277.875
175	6433.234	6432.796	6432.348	6432.083	6431.983	6431.873	6431.772	6431.672	6430.612	6429.561
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

**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	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6428.502	6427.442	6427.067	6427.378	6427.698	6428.008	6428.319	6428.008	6427.698	6427.378
10	4272.466	4267.057	4263.723	4262.471	4261.219	4259.959	4258.707	4259.959	4261.219	4262.471
15	2670.174	2666.592	2664.674	2664.427	2664.171	2663.924	2663.669	2663.924	2664.171	2664.427
20	1871.608	1869.918	1868.932	1868.657	1868.392	1868.118	1867.844	1868.118	1868.392	1868.657
25	1487.186	1487.469	1488.172	1489.296	1490.411	1491.535	1492.649	1491.535	1490.411	1489.296
30	1122.315	1125.960	1128.418	1129.687	1130.967	1132.236	1133.515	1132.236	1130.967	1129.687
35	536.165	535.654	535.261	534.996	534.731	534.457	534.192	534.457	534.731	534.996
40	197.725	195.971	194.747	194.052	193.349	192.654	191.960	192.654	193.349	194.052
45	122.872	122.516	122.260	122.105	121.950	121.794	121.639	121.794	121.950	122.105
50	85.140	84.884	84.701	84.592	84.473	84.363	84.254	84.363	84.473	84.592
55	58.051	57.878	57.750	57.686	57.622	57.558	57.494	57.558	57.622	57.686
60	38.326	38.207	38.134	38.089	38.043	37.997	37.952	37.997	38.043	38.089
65	25.600	25.526	25.481	25.472	25.463	25.444	25.435	25.444	25.463	25.472
70	17.076	17.048	17.030	17.021	17.021	17.012	17.012	17.012	17.021	17.021
75	10.635	10.625	10.625	10.635	10.644	10.644	10.653	10.644	10.644	10.635
80	5.198	5.189	5.180	5.180	5.171	5.171	5.171	5.171	5.171	5.180
85	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
90	0.420	0.420	0.420	0.420	0.402	0.402	0.402	0.402	0.402	0.420
95	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
100	5.198	5.189	5.180	5.180	5.171	5.171	5.171	5.171	5.171	5.180
105	10.635	10.625	10.625	10.635	10.644	10.644	10.653	10.644	10.644	10.635
110	17.076	17.048	17.030	17.021	17.021	17.012	17.012	17.012	17.021	17.021
115	25.600	25.526	25.481	25.472	25.463	25.444	25.435	25.444	25.463	25.472
120	38.326	38.207	38.134	38.089	38.043	37.997	37.952	37.997	38.043	38.089
125	58.051	57.878	57.750	57.686	57.622	57.558	57.494	57.558	57.622	57.686
130	85.140	84.884	84.701	84.592	84.473	84.363	84.254	84.363	84.473	84.592
135	122.872	122.516	122.260	122.105	121.950	121.794	121.639	121.794	121.950	122.105
140	197.725	195.971	194.747	194.052	193.349	192.654	191.960	192.654	193.349	194.052
145	536.165	535.654	535.261	534.996	534.731	534.457	534.192	534.457	534.731	534.996
150	1122.315	1125.960	1128.418	1129.687	1130.967	1132.236	1133.515	1132.236	1130.967	1129.687
155	1487.186	1487.469	1488.172	1489.296	1490.411	1491.535	1492.649	1491.535	1490.411	1489.296
160	1871.608	1869.918	1868.932	1868.657	1868.392	1868.118	1867.844	1868.118	1868.392	1868.657
165	2670.174	2666.592	2664.674	2664.427	2664.171	2663.924	2663.669	2663.924	2664.171	2664.427
170	4272.466	4267.057	4263.723	4262.471	4261.219	4259.959	4258.707	4259.959	4261.219	4262.471
175	6428.502	6427.442	6427.067	6427.387	6427.698	6428.008	6428.319	6428.008	6427.698	6427.387
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

**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	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	6427.067	6427.442	6428.502	6429.552	6430.612	6431.672	6431.772	6431.873	6431.973	6432.074
10	4263.723	4267.057	4272.466	4277.875	4283.283	4288.692	4294.978	4301.272	4307.558	4313.853
15	2664.674	2666.592	2670.174	2673.755	2677.336	2680.918	2685.632	2690.346	2695.051	2699.766
20	1868.932	1869.918	1871.608	1873.308	1874.998	1876.697	1878.853	1881.000	1883.157	1885.304
25	1488.172	1487.469	1487.186	1486.893	1486.610	1486.318	1486.775	1487.222	1487.679	1488.127
30	1128.418	1125.960	1122.315	1118.669	1115.033	1111.388	1112.091	1112.786	1113.489	1114.192
35	535.261	535.654	536.165	536.677	537.189	537.700	539.920	542.131	544.351	546.571
40	194.747	195.971	197.725	199.470	201.224	202.978	203.892	204.815	205.728	206.651
45	122.260	122.516	122.872	123.229	123.585	123.941	124.033	124.133	124.225	124.325
50	84.701	84.884	85.140	85.405	85.661	85.917	86.072	86.227	86.382	86.538
55	57.750	57.878	58.051	58.234	58.408	58.590	58.718	58.855	58.983	59.120
60	38.134	38.207	38.326	38.445	38.564	38.683	38.765	38.838	38.920	39.002
65	25.481	25.526	25.600	25.673	25.746	25.819	25.855	25.892	25.919	25.956
70	17.030	17.048	17.076	17.112	17.139	17.176	17.185	17.203	17.213	17.222
75	10.625	10.625	10.635	10.644	10.653	10.662	10.671	10.671	10.680	10.689
80	5.180	5.189	5.198	5.208	5.226	5.235	5.244	5.253	5.253	5.262
85	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.105	1.105
90	0.420	0.420	0.420	0.439	0.439	0.439	0.439	0.439	0.457	0.457
95	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.105	1.105
100	5.180	5.189	5.198	5.208	5.226	5.235	5.244	5.253	5.253	5.262
105	10.625	10.625	10.635	10.644	10.653	10.662	10.671	10.671	10.680	10.689
110	17.030	17.048	17.076	17.112	17.139	17.176	17.185	17.203	17.213	17.222
115	25.481	25.526	25.600	25.673	25.746	25.819	25.855	25.892	25.919	25.956
120	38.134	38.207	38.326	38.445	38.564	38.683	38.765	38.838	38.920	39.002
125	57.750	57.878	58.051	58.234	58.408	58.590	58.718	58.855	58.983	59.120
130	84.701	84.884	85.140	85.405	85.661	85.917	86.072	86.227	86.382	86.538
135	122.260	122.516	122.872	123.229	123.585	123.941	124.033	124.133	124.225	124.325
140	194.747	195.971	197.725	199.470	201.224	202.978	203.892	204.815	205.728	206.651
145	535.261	535.654	536.165	536.677	537.189	537.700	539.920	542.131	544.351	546.571
150	1128.418	1125.960	1122.315	1118.669	1115.033	1111.388	1112.091	1112.786	1113.489	1114.192
155	1488.172	1487.469	1487.186	1486.893	1486.610	1486.318	1486.775	1487.222	1487.679	1488.127
160	1868.932	1869.918	1871.608	1873.308	1874.998	1876.697	1878.853	1881.000	1883.157	1885.304
165	2664.674	2666.592	2670.174	2673.755	2677.336	2680.918	2685.632	2690.346	2695.051	2699.766
170	4263.723	4267.057	4272.466	4277.875	4283.283	4288.692	4294.978	4301.272	4307.558	4313.853
175	6427.067	6427.442	6428.502	6429.561	6430.612	6431.672	6431.772	6431.873	6431.983	6432.083
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

Vert. 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	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6432.348	6432.787	6433.234	6433.673	6434.111	6433.673	6433.234	6432.787	6432.348	6432.074
10	4318.768	4322.304	4325.849	4329.384	4332.929	4329.384	4325.849	4322.304	4318.768	4313.853
15	2703.420	2706.006	2708.591	2711.186	2713.771	2711.186	2708.591	2706.006	2703.420	2699.766
20	1887.122	1888.602	1890.073	1891.553	1893.033	1891.553	1890.073	1888.602	1887.122	1885.304
25	1488.940	1490.109	1491.279	1492.448	1493.618	1492.448	1491.279	1490.109	1488.940	1488.127
30	1115.225	1116.586	1117.947	1119.309	1120.670	1119.309	1117.947	1116.586	1115.225	1114.192
35	547.933	548.453	548.974	549.495	550.016	549.495	548.974	548.453	547.933	546.571
40	207.528	208.369	209.209	210.050	210.890	210.050	209.209	208.369	207.528	206.651
45	124.416	124.508	124.590	124.681	124.773	124.681	124.590	124.508	124.416	124.325
50	86.647	86.711	86.784	86.848	86.922	86.848	86.784	86.711	86.647	86.538
55	59.212	59.275	59.339	59.394	59.458	59.394	59.339	59.275	59.212	59.120
60	39.066	39.112	39.167	39.212	39.267	39.212	39.167	39.112	39.066	39.002
65	25.983	25.992	26.011	26.020	26.038	26.020	26.011	25.992	25.983	25.956
70	17.231	17.222	17.222	17.213	17.213	17.213	17.222	17.222	17.231	17.222
75	10.689	10.680	10.671	10.662	10.653	10.662	10.671	10.680	10.689	10.689

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	5.262	5.262	5.253	5.253	5.253	5.253	5.253	5.262	5.262	5.262
85	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105
90	0.457	0.457	0.457	0.457	0.457	0.457	0.457	0.457	0.457	0.457
95	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105	1.105
100	5.262	5.262	5.253	5.253	5.253	5.253	5.253	5.262	5.262	5.262
105	10.689	10.680	10.671	10.662	10.653	10.662	10.671	10.680	10.689	10.689
110	17.231	17.222	17.222	17.213	17.213	17.213	17.222	17.222	17.231	17.222
115	25.983	25.992	26.011	26.020	26.038	26.020	26.011	25.992	25.983	25.956
120	39.066	39.112	39.167	39.212	39.267	39.212	39.167	39.112	39.066	39.002
125	59.212	59.275	59.339	59.394	59.458	59.394	59.339	59.275	59.212	59.120
130	86.647	86.711	86.784	86.848	86.922	86.848	86.784	86.711	86.647	86.538
135	124.416	124.508	124.590	124.681	124.773	124.681	124.590	124.508	124.416	124.325
140	207.528	208.369	209.209	210.050	210.890	210.050	209.209	208.369	207.528	206.651
145	547.933	548.453	548.974	549.495	550.016	549.495	548.974	548.453	547.933	546.571
150	1115.225	1116.586	1117.947	1119.309	1120.670	1119.309	1117.947	1116.586	1115.225	1114.192
155	1488.940	1490.109	1491.279	1492.448	1493.618	1492.448	1491.279	1490.109	1488.940	1488.127
160	1887.122	1888.602	1890.073	1891.553	1893.033	1891.553	1890.073	1888.602	1887.122	1885.304
165	2703.420	2706.006	2708.591	2711.186	2713.771	2711.186	2708.591	2706.006	2703.420	2699.766
170	4318.768	4322.304	4325.849	4329.384	4332.929	4329.384	4325.849	4322.304	4318.768	4313.853
175	6432.348	6432.796	6433.234	6433.673	6434.111	6433.673	6433.234	6432.796	6432.348	6432.083
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

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	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466	7465.466
5	6431.973	6431.873	6431.772	6431.672	6430.612	6429.552	6428.502	6427.442	6427.067	6427.378
10	4307.558	4301.272	4294.978	4288.692	4283.283	4277.875	4272.466	4267.057	4263.723	4262.471
15	2695.051	2690.346	2685.632	2680.918	2677.336	2673.755	2670.174	2666.592	2664.674	2664.427
20	1883.157	1881.000	1878.853	1876.697	1874.998	1873.308	1871.608	1869.918	1868.932	1868.657
25	1487.679	1487.222	1486.775	1486.318	1486.610	1486.893	1487.186	1487.469	1488.172	1489.296
30	1113.489	1112.786	1112.091	1111.388	1115.033	1118.669	1122.315	1125.960	1128.418	1129.687
35	544.351	542.131	539.920	537.700	537.189	536.677	536.165	535.654	535.261	534.996
40	205.728	204.815	203.892	202.978	201.224	199.470	197.725	195.971	194.747	194.052
45	124.225	124.133	124.033	123.941	123.585	123.229	122.872	122.516	122.260	122.105
50	86.382	86.227	86.072	85.917	85.661	85.405	85.140	84.884	84.701	84.592
55	58.983	58.855	58.718	58.590	58.408	58.234	58.051	57.878	57.750	57.686
60	38.920	38.838	38.765	38.683	38.564	38.445	38.326	38.207	38.134	38.089
65	25.919	25.892	25.855	25.819	25.746	25.673	25.600	25.526	25.481	25.472
70	17.213	17.203	17.185	17.176	17.139	17.112	17.076	17.048	17.030	17.021
75	10.680	10.671	10.671	10.662	10.653	10.644	10.635	10.625	10.625	10.635
80	5.253	5.253	5.244	5.235	5.226	5.208	5.198	5.189	5.180	5.180
85	1.105	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
90	0.457	0.439	0.439	0.439	0.439	0.439	0.420	0.420	0.420	0.420
95	1.105	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115	1.115
100	5.253	5.253	5.244	5.235	5.226	5.208	5.198	5.189	5.180	5.180
105	10.680	10.671	10.671	10.662	10.653	10.644	10.635	10.625	10.625	10.635
110	17.213	17.203	17.185	17.176	17.139	17.112	17.076	17.048	17.030	17.021
115	25.919	25.892	25.855	25.819	25.746	25.673	25.600	25.526	25.481	25.472
120	38.920	38.838	38.765	38.683	38.564	38.445	38.326	38.207	38.134	38.089
125	58.983	58.855	58.718	58.590	58.408	58.234	58.051	57.878	57.750	57.686
130	86.382	86.227	86.072	85.917	85.661	85.405	85.140	84.884	84.701	84.592
135	124.225	124.133	124.033	123.941	123.585	123.229	122.872	122.516	122.260	122.105
140	205.728	204.815	203.892	202.978	201.224	199.470	197.725	195.971	194.747	194.052
145	544.351	542.131	539.920	537.700	537.189	536.677	536.165	535.654	535.261	534.996
150	1113.489	1112.786	1112.091	1111.388	1115.033	1118.669	1122.315	1125.960	1128.418	1129.687

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1487.679	1487.222	1486.775	1486.318	1486.610	1486.893	1487.186	1487.469	1488.172	1489.296
160	1883.157	1881.000	1878.853	1876.697	1874.998	1873.308	1871.608	1869.918	1868.932	1868.657
165	2695.051	2690.346	2685.632	2680.918	2677.336	2673.755	2670.174	2666.592	2664.674	2664.427
170	4307.558	4301.272	4294.978	4288.692	4283.283	4277.875	4272.466	4267.057	4263.723	4262.471
175	6431.983	6431.873	6431.772	6431.672	6430.612	6429.561	6428.502	6427.442	6427.067	6427.387
180	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165	7465.165

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	7465.466	7465.466	7465.466
5	6427.698	6428.008	6428.319
10	4261.219	4259.959	4258.707
15	2664.171	2663.924	2663.669
20	1868.392	1868.118	1867.844
25	1490.411	1491.535	1492.649
30	1130.967	1132.236	1133.515
35	534.731	534.457	534.192
40	193.349	192.654	191.960
45	121.950	121.794	121.639
50	84.473	84.363	84.254
55	57.622	57.558	57.494
60	38.043	37.997	37.952
65	25.463	25.444	25.435
70	17.021	17.012	17.012
75	10.644	10.644	10.653
80	5.171	5.171	5.171
85	1.115	1.115	1.115
90	0.402	0.402	0.402
95	1.115	1.115	1.115
100	5.171	5.171	5.171
105	10.644	10.644	10.653
110	17.021	17.012	17.012
115	25.463	25.444	25.435
120	38.043	37.997	37.952
125	57.622	57.558	57.494
130	84.473	84.363	84.254
135	121.950	121.794	121.639
140	193.349	192.654	191.960
145	534.731	534.457	534.192
150	1130.967	1132.236	1133.515
155	1490.411	1491.535	1492.649
160	1868.392	1868.118	1867.844
165	2664.171	2663.924	2663.669
170	4261.219	4259.959	4258.707
175	6427.698	6428.008	6428.319
180	7465.165	7465.165	7465.165

COEFFICIENTS OF UTILIZATION



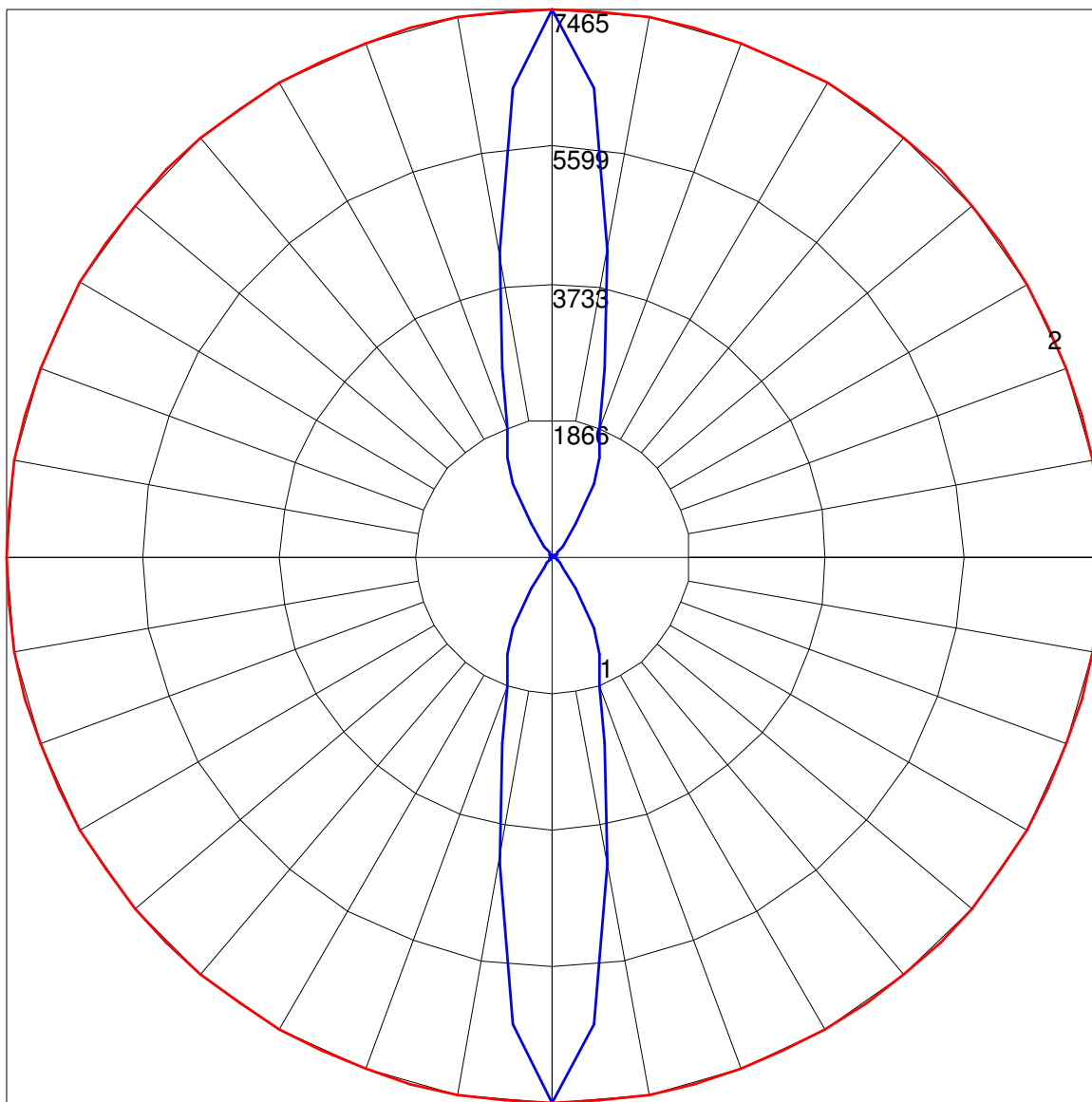
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1293.8	25.0
Downward House Side	1293.8	25.0
Downward Total	2587.6	50.0
Upward Street Side	1293.8	25.0
Upward House Side	1293.8	25.0
Upward Total	2587.6	50.0
Total Flux	5175.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH

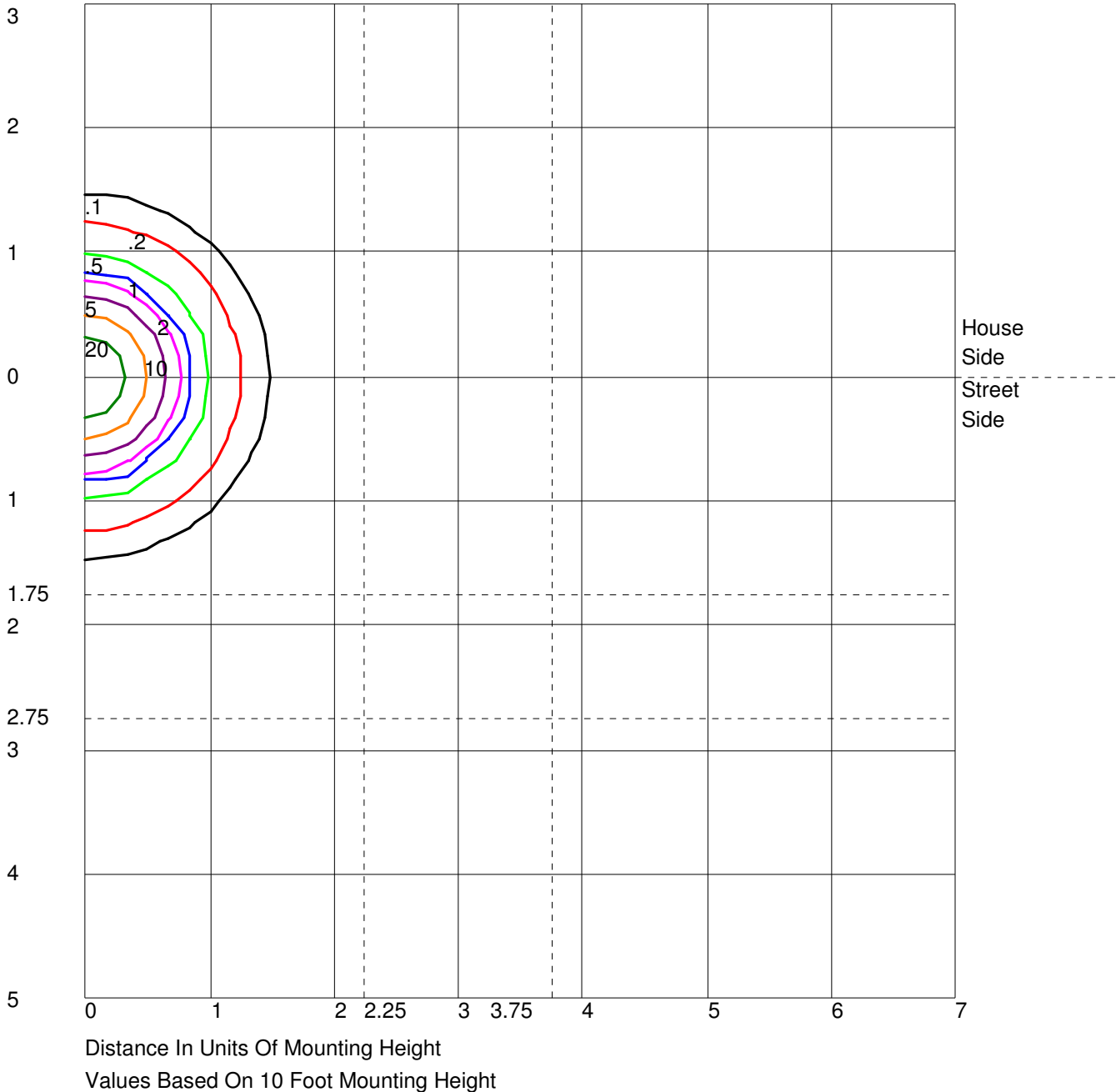


Maximum Candela = 7465.466 Located At Horizontal Angle = 360, Vertical Angle = 0

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



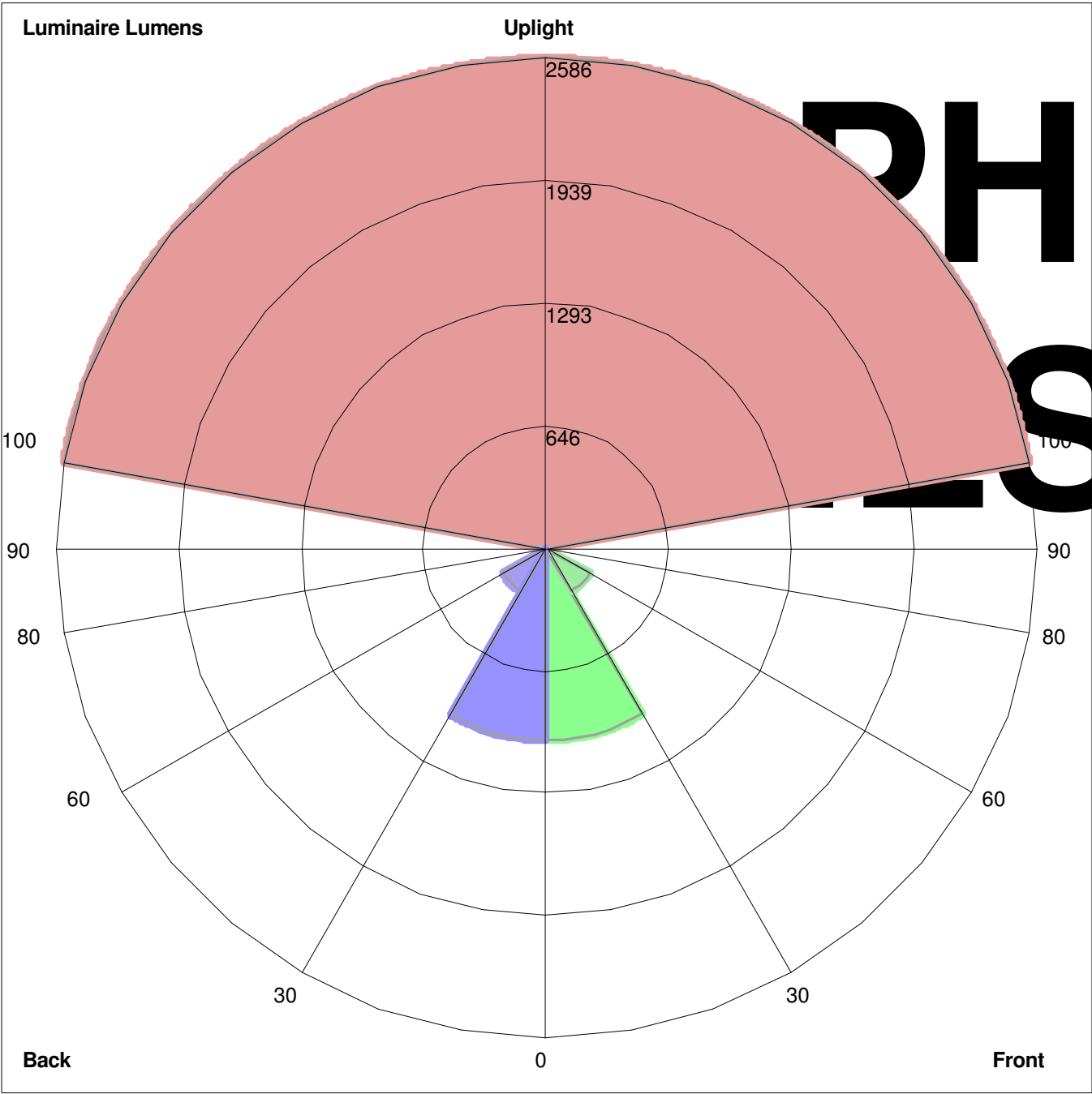


PHOTO
LUMENS