

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-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-L30-930U-L30-930D-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	5230
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7544.886
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7544.886
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.462 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.318 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1022.2	N.A.	19.5
FM - Front-Medium (30-60)	265.1	N.A.	5.1
FH - Front-High (60-80)	19.2	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1022.2	N.A.	19.5
BM - Back-Medium (30-60)	265.1	N.A.	5.1
BH - Back-High (60-80)	19.2	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.2	N.A.	0.0
UH - Uplight-High (100-180)	2613.0	N.A.	50.0
Total	5230.4	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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6496.705	6496.391	6496.077	6495.754	6495.440	6495.819	6496.890	6497.952	6499.023	6500.094
10	4304.012	4305.277	4306.551	4307.816	4309.081	4312.452	4317.918	4323.384	4328.850	4334.316
15	2692.006	2692.264	2692.513	2692.772	2693.021	2694.960	2698.580	2702.199	2705.819	2709.438
20	1887.715	1887.992	1888.269	1888.537	1888.814	1889.811	1891.519	1893.237	1894.945	1896.662
25	1508.528	1507.402	1506.266	1505.140	1504.004	1503.293	1503.007	1502.711	1502.425	1502.130
30	1145.574	1144.281	1142.998	1141.705	1140.422	1137.938	1134.254	1130.570	1126.895	1123.211
35	539.875	540.143	540.420	540.687	540.955	541.352	541.869	542.386	542.903	543.420
40	194.002	194.704	195.406	196.117	196.818	198.056	199.828	201.592	203.365	205.138
45	122.933	123.090	123.247	123.404	123.561	123.819	124.180	124.540	124.900	125.260
50	85.150	85.261	85.372	85.492	85.603	85.787	86.046	86.313	86.572	86.831
55	58.106	58.170	58.235	58.299	58.364	58.493	58.669	58.853	59.029	59.214
60	38.355	38.402	38.448	38.494	38.540	38.614	38.734	38.854	38.974	39.094
65	25.706	25.715	25.733	25.743	25.752	25.798	25.872	25.946	26.020	26.093
70	17.193	17.193	17.202	17.202	17.211	17.229	17.257	17.294	17.322	17.359
75	10.766	10.757	10.757	10.748	10.738	10.738	10.748	10.757	10.766	10.775
80	5.226	5.226	5.226	5.235	5.235	5.245	5.254	5.263	5.281	5.291
85	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
90	0.406	0.406	0.406	0.425	0.425	0.425	0.425	0.443	0.443	0.443
95	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
100	5.226	5.226	5.226	5.235	5.235	5.245	5.254	5.263	5.281	5.291
105	10.766	10.757	10.757	10.748	10.738	10.738	10.748	10.757	10.766	10.775
110	17.193	17.193	17.202	17.202	17.211	17.229	17.257	17.294	17.322	17.359
115	25.706	25.715	25.733	25.743	25.752	25.798	25.872	25.946	26.020	26.093
120	38.355	38.402	38.448	38.494	38.540	38.614	38.734	38.854	38.974	39.094
125	58.106	58.170	58.235	58.299	58.364	58.493	58.669	58.853	59.029	59.214
130	85.150	85.261	85.372	85.492	85.603	85.787	86.046	86.313	86.572	86.831
135	122.933	123.090	123.247	123.404	123.561	123.819	124.180	124.540	124.900	125.260
140	194.002	194.704	195.406	196.117	196.818	198.056	199.828	201.592	203.365	205.138
145	539.875	540.143	540.420	540.687	540.955	541.352	541.869	542.386	542.903	543.420
150	1145.574	1144.281	1142.998	1141.705	1140.422	1137.938	1134.254	1130.570	1126.895	1123.211
155	1508.528	1507.402	1506.266	1505.140	1504.004	1503.293	1503.007	1502.711	1502.425	1502.130
160	1887.715	1887.992	1888.269	1888.537	1888.814	1889.811	1891.519	1893.237	1894.945	1896.662
165	2692.006	2692.264	2692.513	2692.772	2693.021	2694.960	2698.580	2702.199	2705.819	2709.438
170	4304.012	4305.277	4306.551	4307.816	4309.081	4312.452	4317.918	4323.384	4328.850	4334.316
175	6496.705	6496.391	6496.077	6495.763	6495.440	6495.819	6496.890	6497.961	6499.023	6500.094
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6500.195	6500.297	6500.399	6500.500	6500.777	6501.220	6501.673	6502.116	6502.559	6502.116
10	4340.669	4347.030	4353.383	4359.745	4364.712	4368.286	4371.868	4375.442	4379.024	4375.442
15	2714.203	2718.967	2723.722	2728.487	2732.180	2734.793	2737.406	2740.028	2742.641	2740.028
20	1898.841	1901.011	1903.190	1905.360	1907.197	1908.693	1910.180	1911.676	1913.171	1911.676
25	1502.591	1503.044	1503.505	1503.958	1504.780	1505.962	1507.143	1508.325	1509.507	1508.325
30	1123.922	1124.624	1125.335	1126.046	1127.089	1128.465	1129.840	1131.216	1132.592	1131.216
35	545.664	547.899	550.142	552.386	553.762	554.288	554.814	555.341	555.867	555.341
40	206.061	206.994	207.917	208.849	209.736	210.585	211.435	212.284	213.134	212.284
45	125.352	125.454	125.546	125.648	125.740	125.832	125.915	126.008	126.100	126.008
50	86.988	87.144	87.301	87.458	87.569	87.634	87.708	87.772	87.846	87.772
55	59.343	59.481	59.611	59.749	59.841	59.906	59.971	60.026	60.091	60.026

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## CANDELA TABULATION - (Cont.)

60	39.177	39.251	39.334	39.417	39.482	39.528	39.583	39.630	39.685	39.630
65	26.130	26.167	26.195	26.232	26.260	26.269	26.287	26.297	26.315	26.297
70	17.368	17.386	17.396	17.405	17.414	17.405	17.405	17.396	17.396	17.396
75	10.785	10.785	10.794	10.803	10.803	10.794	10.785	10.775	10.766	10.775
80	5.300	5.309	5.309	5.318	5.318	5.318	5.309	5.309	5.309	5.309
85	1.126	1.126	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117
90	0.443	0.443	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
95	1.126	1.126	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117
100	5.300	5.309	5.309	5.318	5.318	5.318	5.309	5.309	5.309	5.309
105	10.785	10.785	10.794	10.803	10.803	10.794	10.785	10.775	10.766	10.775
110	17.368	17.386	17.396	17.405	17.414	17.405	17.405	17.396	17.396	17.396
115	26.130	26.167	26.195	26.232	26.260	26.269	26.287	26.297	26.315	26.297
120	39.177	39.251	39.334	39.417	39.482	39.528	39.583	39.630	39.685	39.630
125	59.343	59.481	59.611	59.749	59.841	59.906	59.971	60.026	60.091	60.026
130	86.988	87.144	87.301	87.458	87.569	87.634	87.708	87.772	87.846	87.772
135	125.352	125.454	125.546	125.648	125.740	125.832	125.915	126.008	126.100	126.008
140	206.061	206.994	207.917	208.849	209.736	210.585	211.435	212.284	213.134	212.284
145	545.664	547.899	550.142	552.386	553.762	554.288	554.814	555.341	555.867	555.341
150	1123.922	1124.624	1125.335	1126.046	1127.089	1128.465	1129.840	1131.216	1132.592	1131.216
155	1502.591	1503.044	1503.505	1503.958	1504.780	1505.962	1507.143	1508.325	1509.507	1508.325
160	1898.841	1901.011	1903.190	1905.360	1907.197	1908.693	1910.180	1911.676	1913.171	1911.676
165	2714.203	2718.967	2723.722	2728.487	2732.180	2734.793	2737.406	2740.028	2742.641	2740.028
170	4340.669	4347.030	4353.383	4359.745	4364.712	4368.286	4371.868	4375.442	4379.024	4375.442
175	6500.195	6500.297	6500.408	6500.509	6500.777	6501.230	6501.673	6502.116	6502.559	6502.116
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

## 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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6501.673	6501.220	6500.777	6500.500	6500.399	6500.297	6500.195	6500.094	6499.023	6497.952
10	4371.868	4368.286	4364.712	4359.745	4353.383	4347.030	4340.669	4334.316	4328.850	4323.384
15	2737.406	2734.793	2732.180	2728.487	2723.722	2718.967	2714.203	2709.438	2705.819	2702.199
20	1910.180	1908.693	1907.197	1905.360	1903.190	1901.011	1898.841	1896.662	1894.945	1893.237
25	1507.143	1505.962	1504.780	1503.958	1503.505	1503.044	1502.591	1502.130	1502.425	1502.711
30	1129.840	1128.465	1127.089	1126.046	1125.335	1124.624	1123.922	1123.211	1126.895	1130.570
35	554.814	554.288	553.762	552.386	550.142	547.899	545.664	543.420	542.903	542.386
40	211.435	210.585	209.736	208.849	207.917	206.994	206.061	205.138	203.365	201.592
45	125.915	125.832	125.740	125.648	125.546	125.454	125.352	125.260	124.900	124.540
50	87.708	87.634	87.569	87.458	87.301	87.144	86.988	86.831	86.572	86.313
55	59.971	59.906	59.841	59.749	59.611	59.481	59.343	59.214	59.029	58.853
60	39.583	39.528	39.482	39.417	39.334	39.251	39.177	39.094	38.974	38.854
65	26.287	26.269	26.260	26.232	26.195	26.167	26.130	26.093	26.020	25.946
70	17.405	17.405	17.414	17.405	17.396	17.386	17.368	17.359	17.322	17.294
75	10.785	10.794	10.803	10.803	10.794	10.785	10.785	10.775	10.766	10.757
80	5.309	5.318	5.318	5.318	5.309	5.309	5.300	5.291	5.281	5.263
85	1.117	1.117	1.117	1.117	1.117	1.126	1.126	1.126	1.126	1.126
90	0.462	0.462	0.462	0.462	0.462	0.443	0.443	0.443	0.443	0.443
95	1.117	1.117	1.117	1.117	1.117	1.126	1.126	1.126	1.126	1.126
100	5.309	5.318	5.318	5.318	5.309	5.309	5.300	5.291	5.281	5.263
105	10.785	10.794	10.803	10.803	10.794	10.785	10.785	10.775	10.766	10.757
110	17.405	17.405	17.414	17.405	17.396	17.386	17.368	17.359	17.322	17.294
115	26.287	26.269	26.260	26.232	26.195	26.167	26.130	26.093	26.020	25.946
120	39.583	39.528	39.482	39.417	39.334	39.251	39.177	39.094	38.974	38.854
125	59.971	59.906	59.841	59.749	59.611	59.481	59.343	59.214	59.029	58.853
130	87.708	87.634	87.569	87.458	87.301	87.144	86.988	86.831	86.572	86.313

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## CANDELA TABULATION - (Cont.)

135	125.915	125.832	125.740	125.648	125.546	125.454	125.352	125.260	124.900	124.540
140	211.435	210.585	209.736	208.849	207.917	206.994	206.061	205.138	203.365	201.592
145	554.814	554.288	553.762	552.386	550.142	547.899	545.664	543.420	542.903	542.386
150	1129.840	1128.465	1127.089	1126.046	1125.335	1124.624	1123.922	1123.211	1126.895	1130.570
155	1507.143	1505.962	1504.780	1503.958	1503.505	1503.044	1502.591	1502.130	1502.425	1502.711
160	1910.180	1908.693	1907.197	1905.360	1903.190	1901.011	1898.841	1896.662	1894.945	1893.237
165	2737.406	2734.793	2732.180	2728.487	2723.722	2718.967	2714.203	2709.438	2705.819	2702.199
170	4371.868	4368.286	4364.712	4359.745	4353.383	4347.030	4340.669	4334.316	4328.850	4323.384
175	6501.673	6501.230	6500.777	6500.509	6500.408	6500.297	6500.195	6500.094	6499.023	6497.961
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

## 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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6496.890	6495.819	6495.440	6495.754	6496.077	6496.391	6496.705	6496.391	6496.077	6495.754
10	4317.918	4312.452	4309.081	4307.816	4306.551	4305.277	4304.012	4305.277	4306.551	4307.816
15	2698.580	2694.960	2693.021	2692.772	2692.513	2692.264	2692.006	2692.264	2692.513	2692.772
20	1891.519	1889.811	1888.814	1888.537	1888.269	1887.992	1887.715	1887.992	1888.269	1888.537
25	1503.007	1503.293	1504.004	1505.140	1506.266	1507.402	1508.528	1507.402	1506.266	1505.140
30	1134.254	1137.938	1140.422	1141.705	1142.998	1144.281	1145.574	1144.281	1142.998	1141.705
35	541.869	541.352	540.955	540.687	540.420	540.143	539.875	540.143	540.420	540.687
40	199.828	198.056	196.818	196.117	195.406	194.704	194.002	194.704	195.406	196.117
45	124.180	123.819	123.561	123.404	123.247	123.090	122.933	123.090	123.247	123.404
50	86.046	85.787	85.603	85.492	85.372	85.261	85.150	85.261	85.372	85.492
55	58.669	58.493	58.364	58.299	58.235	58.170	58.106	58.170	58.235	58.299
60	38.734	38.614	38.540	38.494	38.448	38.402	38.355	38.402	38.448	38.494
65	25.872	25.798	25.752	25.743	25.733	25.715	25.706	25.715	25.733	25.743
70	17.257	17.229	17.211	17.202	17.202	17.193	17.193	17.193	17.202	17.202
75	10.748	10.738	10.738	10.748	10.757	10.757	10.766	10.757	10.757	10.748
80	5.254	5.245	5.235	5.235	5.226	5.226	5.226	5.226	5.226	5.235
85	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
90	0.425	0.425	0.425	0.425	0.406	0.406	0.406	0.406	0.406	0.425
95	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
100	5.254	5.245	5.235	5.235	5.226	5.226	5.226	5.226	5.226	5.235
105	10.748	10.738	10.738	10.748	10.757	10.757	10.766	10.757	10.757	10.748
110	17.257	17.229	17.211	17.202	17.202	17.193	17.193	17.193	17.202	17.202
115	25.872	25.798	25.752	25.743	25.733	25.715	25.706	25.715	25.733	25.743
120	38.734	38.614	38.540	38.494	38.448	38.402	38.355	38.402	38.448	38.494
125	58.669	58.493	58.364	58.299	58.235	58.170	58.106	58.170	58.235	58.299
130	86.046	85.787	85.603	85.492	85.372	85.261	85.150	85.261	85.372	85.492
135	124.180	123.819	123.561	123.404	123.247	123.090	122.933	123.090	123.247	123.404
140	199.828	198.056	196.818	196.117	195.406	194.704	194.002	194.704	195.406	196.117
145	541.869	541.352	540.955	540.687	540.420	540.143	539.875	540.143	540.420	540.687
150	1134.254	1137.938	1140.422	1141.705	1142.998	1144.281	1145.574	1144.281	1142.998	1141.705
155	1503.007	1503.293	1504.004	1505.140	1506.266	1507.402	1508.528	1507.402	1506.266	1505.140
160	1891.519	1889.811	1888.814	1888.537	1888.269	1887.992	1887.715	1887.992	1888.269	1888.537
165	2698.580	2694.960	2693.021	2692.772	2692.513	2692.264	2692.006	2692.264	2692.513	2692.772
170	4317.918	4312.452	4309.081	4307.816	4306.551	4305.277	4304.012	4305.277	4306.551	4307.816
175	6496.890	6495.819	6495.440	6495.763	6496.077	6496.391	6496.705	6496.391	6496.077	6495.763
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

## 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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	6495.440	6495.819	6496.890	6497.952	6499.023	6500.094	6500.195	6500.297	6500.399	6500.500
10	4309.081	4312.452	4317.918	4323.384	4328.850	4334.316	4340.669	4347.030	4353.383	4359.745
15	2693.021	2694.960	2698.580	2702.199	2705.819	2709.438	2714.203	2718.967	2723.722	2728.487
20	1888.814	1889.811	1891.519	1893.237	1894.945	1896.662	1898.841	1901.011	1903.190	1905.360
25	1504.004	1503.293	1503.007	1502.711	1502.425	1502.130	1502.591	1503.044	1503.505	1503.958
30	1140.422	1137.938	1134.254	1130.570	1126.895	1123.211	1123.922	1124.624	1125.335	1126.046
35	540.955	541.352	541.869	542.386	542.903	543.420	545.664	547.899	550.142	552.386
40	196.818	198.056	199.828	201.592	203.365	205.138	206.061	206.994	207.917	208.849
45	123.561	123.819	124.180	124.540	124.900	125.260	125.352	125.454	125.546	125.648
50	85.603	85.787	86.046	86.313	86.572	86.831	86.988	87.144	87.301	87.458
55	58.364	58.493	58.669	58.853	59.029	59.214	59.343	59.481	59.611	59.749
60	38.540	38.614	38.734	38.854	38.974	39.094	39.177	39.251	39.334	39.417
65	25.752	25.798	25.872	25.946	26.020	26.093	26.130	26.167	26.195	26.232
70	17.211	17.229	17.257	17.294	17.322	17.359	17.368	17.386	17.396	17.405
75	10.738	10.738	10.748	10.757	10.766	10.775	10.785	10.785	10.794	10.803
80	5.235	5.245	5.254	5.263	5.281	5.291	5.300	5.309	5.309	5.318
85	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.117	1.117
90	0.425	0.425	0.425	0.443	0.443	0.443	0.443	0.443	0.462	0.462
95	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.117	1.117
100	5.235	5.245	5.254	5.263	5.281	5.291	5.300	5.309	5.309	5.318
105	10.738	10.738	10.748	10.757	10.766	10.775	10.785	10.785	10.794	10.803
110	17.211	17.229	17.257	17.294	17.322	17.359	17.368	17.386	17.396	17.405
115	25.752	25.798	25.872	25.946	26.020	26.093	26.130	26.167	26.195	26.232
120	38.540	38.614	38.734	38.854	38.974	39.094	39.177	39.251	39.334	39.417
125	58.364	58.493	58.669	58.853	59.029	59.214	59.343	59.481	59.611	59.749
130	85.603	85.787	86.046	86.313	86.572	86.831	86.988	87.144	87.301	87.458
135	123.561	123.819	124.180	124.540	124.900	125.260	125.352	125.454	125.546	125.648
140	196.818	198.056	199.828	201.592	203.365	205.138	206.061	206.994	207.917	208.849
145	540.955	541.352	541.869	542.386	542.903	543.420	545.664	547.899	550.142	552.386
150	1140.422	1137.938	1134.254	1130.570	1126.895	1123.211	1123.922	1124.624	1125.335	1126.046
155	1504.004	1503.293	1503.007	1502.711	1502.425	1502.130	1502.591	1503.044	1503.505	1503.958
160	1888.814	1889.811	1891.519	1893.237	1894.945	1896.662	1898.841	1901.011	1903.190	1905.360
165	2693.021	2694.960	2698.580	2702.199	2705.819	2709.438	2714.203	2718.967	2723.722	2728.487
170	4309.081	4312.452	4317.918	4323.384	4328.850	4334.316	4340.669	4347.030	4353.383	4359.745
175	6495.440	6495.819	6496.890	6497.961	6499.023	6500.094	6500.195	6500.297	6500.408	6500.509
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

## 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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6500.777	6501.220	6501.673	6502.116	6502.559	6502.116	6501.673	6501.220	6500.777	6500.500
10	4364.712	4368.286	4371.868	4375.442	4379.024	4375.442	4371.868	4368.286	4364.712	4359.745
15	2732.180	2734.793	2737.406	2740.028	2742.641	2740.028	2737.406	2734.793	2732.180	2728.487
20	1907.197	1908.693	1910.180	1911.676	1913.171	1911.676	1910.180	1908.693	1907.197	1905.360
25	1504.780	1505.962	1507.143	1508.325	1509.507	1508.325	1507.143	1505.962	1504.780	1503.958
30	1127.089	1128.465	1129.840	1131.216	1132.592	1131.216	1129.840	1128.465	1127.089	1126.046
35	553.762	554.288	554.814	555.341	555.867	555.341	554.814	554.288	553.762	552.386
40	209.736	210.585	211.435	212.284	213.134	212.284	211.435	210.585	209.736	208.849
45	125.740	125.832	125.915	126.008	126.100	126.008	125.915	125.832	125.740	125.648
50	87.569	87.634	87.708	87.772	87.846	87.772	87.708	87.634	87.569	87.458
55	59.841	59.906	59.971	60.026	60.091	60.026	59.971	59.906	59.841	59.749
60	39.482	39.528	39.583	39.630	39.685	39.630	39.583	39.528	39.482	39.417
65	26.260	26.269	26.287	26.297	26.315	26.297	26.287	26.269	26.260	26.232
70	17.414	17.405	17.405	17.396	17.396	17.396	17.405	17.405	17.414	17.405
75	10.803	10.794	10.785	10.775	10.766	10.775	10.785	10.794	10.803	10.803

**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-N-XX\_IES**

**CANDELA TABULATION - (Cont.)**

80	5.318	5.318	5.309	5.309	5.309	5.309	5.309	5.318	5.318	5.318
85	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117
90	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
95	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117	1.117
100	5.318	5.318	5.309	5.309	5.309	5.309	5.309	5.318	5.318	5.318
105	10.803	10.794	10.785	10.775	10.766	10.775	10.785	10.794	10.803	10.803
110	17.414	17.405	17.405	17.396	17.396	17.396	17.405	17.405	17.414	17.405
115	26.260	26.269	26.287	26.297	26.315	26.297	26.287	26.269	26.260	26.232
120	39.482	39.528	39.583	39.630	39.685	39.630	39.583	39.528	39.482	39.417
125	59.841	59.906	59.971	60.026	60.091	60.026	59.971	59.906	59.841	59.749
130	87.569	87.634	87.708	87.772	87.846	87.772	87.708	87.634	87.569	87.458
135	125.740	125.832	125.915	126.008	126.100	126.008	125.915	125.832	125.740	125.648
140	209.736	210.585	211.435	212.284	213.134	212.284	211.435	210.585	209.736	208.849
145	553.762	554.288	554.814	555.341	555.867	555.341	554.814	554.288	553.762	552.386
150	1127.089	1128.465	1129.840	1131.216	1132.592	1131.216	1129.840	1128.465	1127.089	1126.046
155	1504.780	1505.962	1507.143	1508.325	1509.507	1508.325	1507.143	1505.962	1504.780	1503.958
160	1907.197	1908.693	1910.180	1911.676	1913.171	1911.676	1910.180	1908.693	1907.197	1905.360
165	2732.180	2734.793	2737.406	2740.028	2742.641	2740.028	2737.406	2734.793	2732.180	2728.487
170	4364.712	4368.286	4371.868	4375.442	4379.024	4375.442	4371.868	4368.286	4364.712	4359.745
175	6500.777	6501.230	6501.673	6502.116	6502.559	6502.116	6501.673	6501.230	6500.777	6500.509
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

**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	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886	7544.886
5	6500.399	6500.297	6500.195	6500.094	6499.023	6497.952	6496.890	6495.819	6495.440	6495.754
10	4353.383	4347.030	4340.669	4334.316	4328.850	4323.384	4317.918	4312.452	4309.081	4307.816
15	2723.722	2718.967	2714.203	2709.438	2705.819	2702.199	2698.580	2694.960	2693.021	2692.772
20	1903.190	1901.011	1898.841	1896.662	1894.945	1893.237	1891.519	1889.811	1888.814	1888.537
25	1503.505	1503.044	1502.591	1502.130	1502.425	1502.711	1503.007	1503.293	1504.004	1505.140
30	1125.335	1124.624	1123.922	1123.211	1126.895	1130.570	1134.254	1137.938	1140.422	1141.705
35	550.142	547.899	545.664	543.420	542.903	542.386	541.869	541.352	540.955	540.687
40	207.917	206.994	206.061	205.138	203.365	201.592	199.828	198.056	196.818	196.117
45	125.546	125.454	125.352	125.260	124.900	124.540	124.180	123.819	123.561	123.404
50	87.301	87.144	86.988	86.831	86.572	86.313	86.046	85.787	85.603	85.492
55	59.611	59.481	59.343	59.214	59.029	58.853	58.669	58.493	58.364	58.299
60	39.334	39.251	39.177	39.094	38.974	38.854	38.734	38.614	38.540	38.494
65	26.195	26.167	26.130	26.093	26.020	25.946	25.872	25.798	25.752	25.743
70	17.396	17.386	17.368	17.359	17.322	17.294	17.257	17.229	17.211	17.202
75	10.794	10.785	10.785	10.775	10.766	10.757	10.748	10.738	10.738	10.748
80	5.309	5.309	5.300	5.291	5.281	5.263	5.254	5.245	5.235	5.235
85	1.117	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
90	0.462	0.443	0.443	0.443	0.443	0.443	0.425	0.425	0.425	0.425
95	1.117	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126	1.126
100	5.309	5.309	5.300	5.291	5.281	5.263	5.254	5.245	5.235	5.235
105	10.794	10.785	10.785	10.775	10.766	10.757	10.748	10.738	10.738	10.748
110	17.396	17.386	17.368	17.359	17.322	17.294	17.257	17.229	17.211	17.202
115	26.195	26.167	26.130	26.093	26.020	25.946	25.872	25.798	25.752	25.743
120	39.334	39.251	39.177	39.094	38.974	38.854	38.734	38.614	38.540	38.494
125	59.611	59.481	59.343	59.214	59.029	58.853	58.669	58.493	58.364	58.299
130	87.301	87.144	86.988	86.831	86.572	86.313	86.046	85.787	85.603	85.492
135	125.546	125.454	125.352	125.260	124.900	124.540	124.180	123.819	123.561	123.404
140	207.917	206.994	206.061	205.138	203.365	201.592	199.828	198.056	196.818	196.117
145	550.142	547.899	545.664	543.420	542.903	542.386	541.869	541.352	540.955	540.687
150	1125.335	1124.624	1123.922	1123.211	1126.895	1130.570	1134.254	1137.938	1140.422	1141.705

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1503.505	1503.044	1502.591	1502.130	1502.425	1502.711	1503.007	1503.293	1504.004	1505.140
160	1903.190	1901.011	1898.841	1896.662	1894.945	1893.237	1891.519	1889.811	1888.814	1888.537
165	2723.722	2718.967	2714.203	2709.438	2705.819	2702.199	2698.580	2694.960	2693.021	2692.772
170	4353.383	4347.030	4340.669	4334.316	4328.850	4323.384	4317.918	4312.452	4309.081	4307.816
175	6500.408	6500.297	6500.195	6500.094	6499.023	6497.961	6496.890	6495.819	6495.440	6495.763
180	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581	7544.581

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	7544.886	7544.886	7544.886
5	6496.077	6496.391	6496.705
10	4306.551	4305.277	4304.012
15	2692.513	2692.264	2692.006
20	1888.269	1887.992	1887.715
25	1506.266	1507.402	1508.528
30	1142.998	1144.281	1145.574
35	540.420	540.143	539.875
40	195.406	194.704	194.002
45	123.247	123.090	122.933
50	85.372	85.261	85.150
55	58.235	58.170	58.106
60	38.448	38.402	38.355
65	25.733	25.715	25.706
70	17.202	17.193	17.193
75	10.757	10.757	10.766
80	5.226	5.226	5.226
85	1.126	1.126	1.126
90	0.406	0.406	0.406
95	1.126	1.126	1.126
100	5.226	5.226	5.226
105	10.757	10.757	10.766
110	17.202	17.193	17.193
115	25.733	25.715	25.706
120	38.448	38.402	38.355
125	58.235	58.170	58.106
130	85.372	85.261	85.150
135	123.247	123.090	122.933
140	195.406	194.704	194.002
145	540.420	540.143	539.875
150	1142.998	1144.281	1145.574
155	1506.266	1507.402	1508.528
160	1888.269	1887.992	1887.715
165	2692.513	2692.264	2692.006
170	4306.551	4305.277	4304.012
175	6496.077	6496.391	6496.705
180	7544.581	7544.581	7544.581



COEFFICIENTS OF UTILIZATION



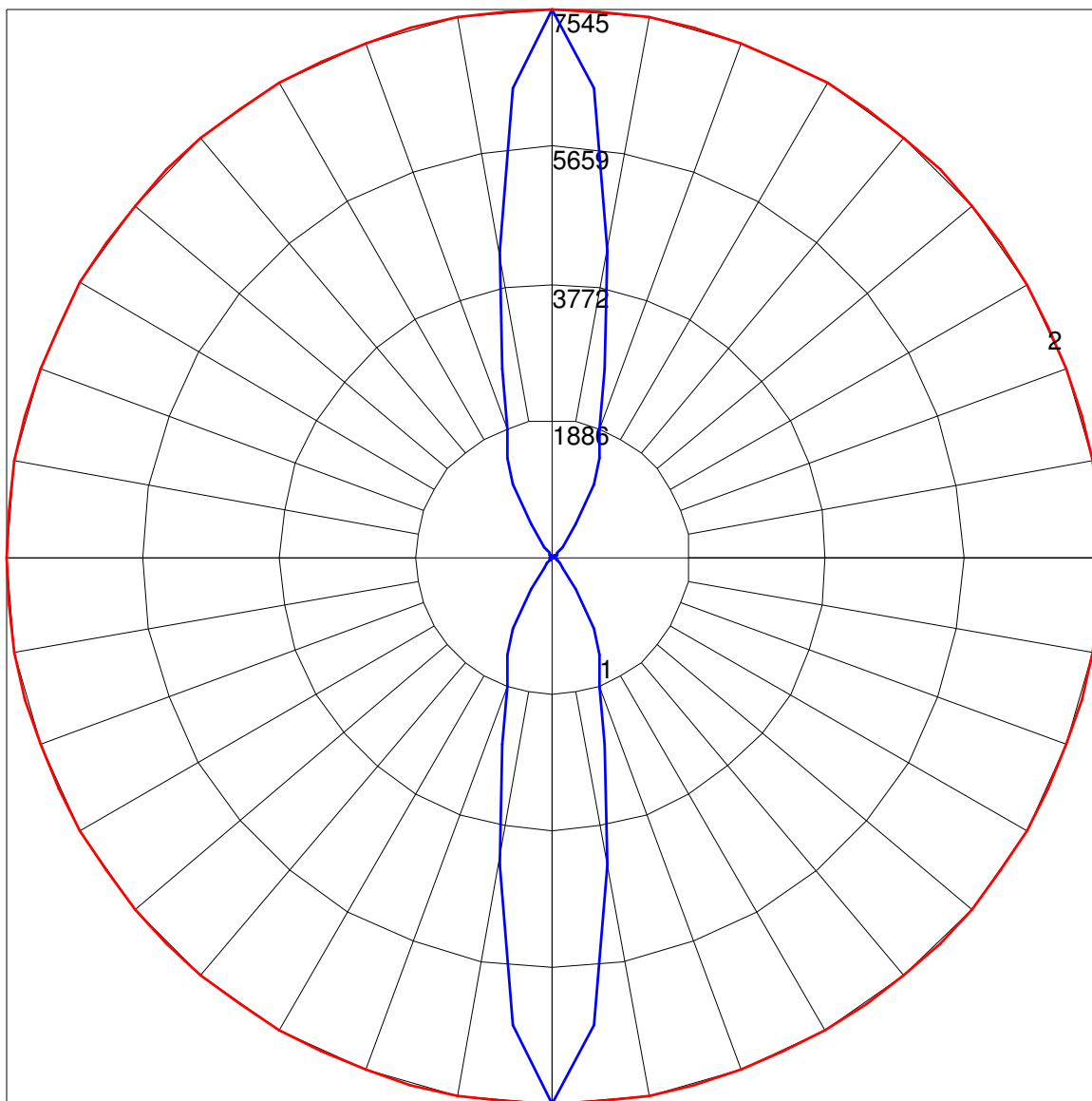
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1307.6	25.0
Downward House Side	1307.6	25.0
Downward Total	2615.2	50.0
Upward Street Side	1307.6	25.0
Upward House Side	1307.6	25.0
Upward Total	2615.2	50.0
Total Flux	5230.4	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

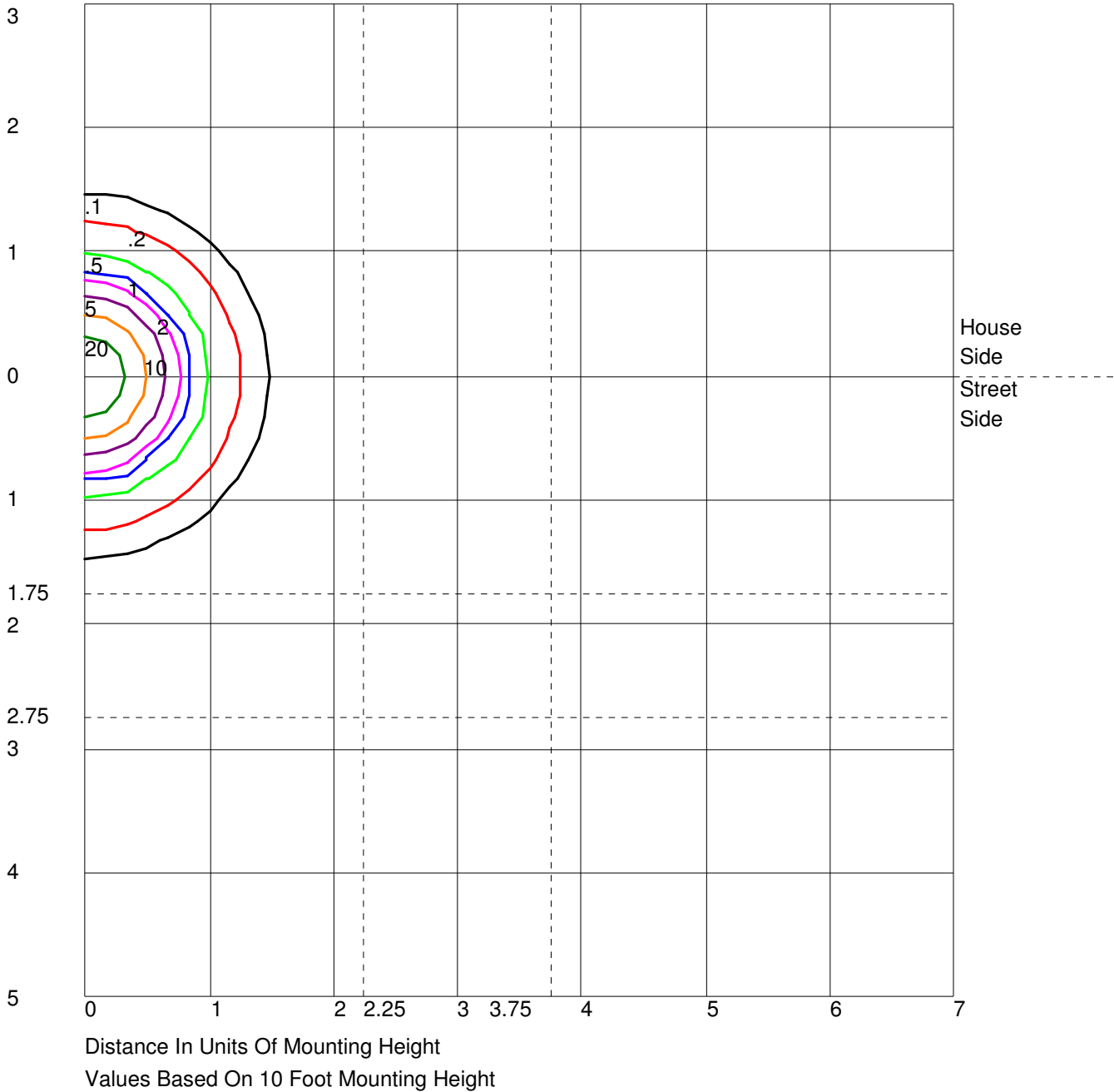


Maximum Candela = 7544.886 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

