

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-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-L20-930U-L20-930D-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	3652
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5267.443
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5267.443
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.322 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.713 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	713.6	N.A.	19.5
FM - Front-Medium (30-60)	185.1	N.A.	5.1
FH - Front-High (60-80)	13.4	N.A.	0.4
FVH - Front-Very High (80-90)	0.8	N.A.	0.0
BL - Back-Low (0-30)	713.6	N.A.	19.5
BM - Back-Medium (30-60)	185.1	N.A.	5.1
BH - Back-High (60-80)	13.4	N.A.	0.4
BVH - Back-Very High (80-90)	0.8	N.A.	0.0
UL - Uplight-Low (90-100)	1.5	N.A.	0.0
UH - Uplight-High (100-180)	1824.3	N.A.	50.0
Total	3651.6	N.A.	100.0
BUG Rating	B2-U5-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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4535.658	4535.439	4535.220	4534.994	4534.775	4535.039	4535.787	4536.528	4537.276	4538.024
10	3004.835	3005.718	3006.608	3007.491	3008.374	3010.727	3014.543	3018.359	3022.176	3025.992
15	1879.417	1879.597	1879.771	1879.952	1880.126	1881.480	1884.006	1886.533	1889.060	1891.587
20	1317.903	1318.097	1318.290	1318.477	1318.670	1319.367	1320.559	1321.758	1322.951	1324.150
25	1053.175	1052.389	1051.596	1050.809	1050.017	1049.520	1049.320	1049.114	1048.914	1048.708
30	799.780	798.877	797.981	797.079	796.183	794.449	791.877	789.304	786.739	784.167
35	376.912	377.099	377.293	377.479	377.666	377.944	378.305	378.666	379.027	379.388
40	135.442	135.932	136.422	136.918	137.408	138.272	139.510	140.741	141.979	143.216
45	85.825	85.935	86.045	86.154	86.264	86.444	86.696	86.947	87.198	87.450
50	59.447	59.525	59.602	59.686	59.763	59.892	60.073	60.260	60.440	60.621
55	40.566	40.611	40.656	40.702	40.747	40.837	40.959	41.088	41.211	41.340
60	26.778	26.810	26.842	26.874	26.907	26.958	27.042	27.126	27.210	27.293
65	17.946	17.953	17.966	17.972	17.979	18.011	18.062	18.114	18.166	18.217
70	12.003	12.003	12.009	12.009	12.016	12.029	12.048	12.074	12.093	12.119
75	7.516	7.510	7.510	7.503	7.497	7.497	7.503	7.510	7.516	7.523
80	3.649	3.649	3.649	3.655	3.655	3.661	3.668	3.674	3.687	3.694
85	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
90	0.284	0.284	0.284	0.297	0.297	0.297	0.297	0.309	0.309	0.309
95	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
100	3.649	3.649	3.649	3.655	3.655	3.661	3.668	3.674	3.687	3.694
105	7.516	7.510	7.510	7.503	7.497	7.497	7.503	7.510	7.516	7.523
110	12.003	12.003	12.009	12.009	12.016	12.029	12.048	12.074	12.093	12.119
115	17.946	17.953	17.966	17.972	17.979	18.011	18.062	18.114	18.166	18.217
120	26.778	26.810	26.842	26.874	26.907	26.958	27.042	27.126	27.210	27.293
125	40.566	40.611	40.656	40.702	40.747	40.837	40.959	41.088	41.211	41.340
130	59.447	59.525	59.602	59.686	59.763	59.892	60.073	60.260	60.440	60.621
135	85.825	85.935	86.045	86.154	86.264	86.444	86.696	86.947	87.198	87.450
140	135.442	135.932	136.422	136.918	137.408	138.272	139.510	140.741	141.979	143.216
145	376.912	377.099	377.293	377.479	377.666	377.944	378.305	378.666	379.027	379.388
150	799.780	798.877	797.981	797.079	796.183	794.449	791.877	789.304	786.739	784.167
155	1053.175	1052.389	1051.596	1050.809	1050.017	1049.520	1049.320	1049.114	1048.914	1048.708
160	1317.903	1318.097	1318.290	1318.477	1318.670	1319.367	1320.559	1321.758	1322.951	1324.150
165	1879.417	1879.597	1879.771	1879.952	1880.126	1881.480	1884.006	1886.533	1889.060	1891.587
170	3004.835	3005.718	3006.608	3007.491	3008.374	3010.727	3014.543	3018.359	3022.176	3025.992
175	4535.658	4535.439	4535.220	4535.001	4534.775	4535.039	4535.787	4536.535	4537.276	4538.024
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4538.095	4538.166	4538.237	4538.307	4538.501	4538.810	4539.126	4539.436	4539.745	4539.436
10	3030.427	3034.868	3039.303	3043.745	3047.213	3049.707	3052.209	3054.703	3057.204	3054.703
15	1894.914	1898.240	1901.560	1904.886	1907.464	1909.289	1911.113	1912.944	1914.768	1912.944
20	1325.671	1327.186	1328.707	1330.222	1331.505	1332.549	1333.587	1334.631	1335.676	1334.631
25	1049.030	1049.346	1049.668	1049.984	1050.558	1051.383	1052.208	1053.033	1053.859	1053.033
30	784.663	785.153	785.649	786.146	786.874	787.835	788.795	789.756	790.716	789.756
35	380.954	382.514	384.080	385.647	386.607	386.975	387.342	387.710	388.077	387.710
40	143.861	144.512	145.157	145.808	146.427	147.020	147.613	148.206	148.799	148.206
45	87.514	87.585	87.650	87.721	87.785	87.849	87.907	87.972	88.036	87.972
50	60.730	60.840	60.949	61.059	61.136	61.181	61.233	61.278	61.330	61.278
55	41.430	41.527	41.617	41.714	41.778	41.823	41.868	41.907	41.952	41.907

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CANDELA TABULATION - (Cont.)

60	27.351	27.403	27.461	27.519	27.564	27.596	27.635	27.667	27.706	27.667
65	18.243	18.269	18.288	18.314	18.333	18.340	18.352	18.359	18.372	18.359
70	12.125	12.138	12.145	12.151	12.158	12.151	12.151	12.145	12.145	12.145
75	7.529	7.529	7.536	7.542	7.542	7.536	7.529	7.523	7.516	7.523
80	3.700	3.707	3.707	3.713	3.713	3.713	3.707	3.707	3.707	3.707
85	0.786	0.786	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
90	0.309	0.309	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
95	0.786	0.786	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
100	3.700	3.707	3.707	3.713	3.713	3.713	3.707	3.707	3.707	3.707
105	7.529	7.529	7.536	7.542	7.542	7.536	7.529	7.523	7.516	7.523
110	12.125	12.138	12.145	12.151	12.158	12.151	12.151	12.145	12.145	12.145
115	18.243	18.269	18.288	18.314	18.333	18.340	18.352	18.359	18.372	18.359
120	27.351	27.403	27.461	27.519	27.564	27.596	27.635	27.667	27.706	27.667
125	41.430	41.527	41.617	41.714	41.778	41.823	41.868	41.907	41.952	41.907
130	60.730	60.840	60.949	61.059	61.136	61.181	61.233	61.278	61.330	61.278
135	87.514	87.585	87.650	87.721	87.785	87.849	87.907	87.972	88.036	87.972
140	143.861	144.512	145.157	145.808	146.427	147.020	147.613	148.206	148.799	148.206
145	380.954	382.514	384.080	385.647	386.607	386.975	387.342	387.710	388.077	387.710
150	784.663	785.153	785.649	786.146	786.874	787.835	788.795	789.756	790.716	789.756
155	1049.030	1049.346	1049.668	1049.984	1050.558	1051.383	1052.208	1053.033	1053.859	1053.033
160	1325.671	1327.186	1328.707	1330.222	1331.505	1332.549	1333.587	1334.631	1335.676	1334.631
165	1894.914	1898.240	1901.560	1904.886	1907.464	1909.289	1911.113	1912.944	1914.768	1912.944
170	3030.427	3034.868	3039.303	3043.745	3047.213	3049.707	3052.209	3054.703	3057.204	3054.703
175	4538.095	4538.166	4538.243	4538.314	4538.501	4538.817	4539.126	4539.436	4539.745	4539.436
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4539.126	4538.810	4538.501	4538.307	4538.237	4538.166	4538.095	4538.024	4537.276	4536.528
10	3052.209	3049.707	3047.213	3043.745	3039.303	3034.868	3030.427	3025.992	3022.176	3018.359
15	1911.113	1909.289	1907.464	1904.886	1901.560	1898.240	1894.914	1891.587	1889.060	1886.533
20	1333.587	1332.549	1331.505	1330.222	1328.707	1327.186	1325.671	1324.150	1322.951	1321.758
25	1052.208	1051.383	1050.558	1049.984	1049.668	1049.346	1049.030	1048.708	1048.914	1049.114
30	788.795	787.835	786.874	786.146	785.649	785.153	784.663	784.167	786.739	789.304
35	387.342	386.975	386.607	385.647	384.080	382.514	380.954	379.388	379.027	378.666
40	147.613	147.020	146.427	145.808	145.157	144.512	143.861	143.216	141.979	140.741
45	87.907	87.849	87.785	87.721	87.650	87.585	87.514	87.450	87.198	86.947
50	61.233	61.181	61.136	61.059	60.949	60.840	60.730	60.621	60.440	60.260
55	41.868	41.823	41.778	41.714	41.617	41.527	41.430	41.340	41.211	41.088
60	27.635	27.596	27.564	27.519	27.461	27.403	27.351	27.293	27.210	27.126
65	18.352	18.340	18.333	18.314	18.288	18.269	18.243	18.217	18.166	18.114
70	12.151	12.151	12.158	12.151	12.145	12.138	12.125	12.119	12.093	12.074
75	7.529	7.536	7.542	7.542	7.536	7.529	7.529	7.523	7.516	7.510
80	3.707	3.713	3.713	3.713	3.707	3.707	3.700	3.694	3.687	3.674
85	0.780	0.780	0.780	0.780	0.780	0.786	0.786	0.786	0.786	0.786
90	0.322	0.322	0.322	0.322	0.322	0.309	0.309	0.309	0.309	0.309
95	0.780	0.780	0.780	0.780	0.780	0.786	0.786	0.786	0.786	0.786
100	3.707	3.713	3.713	3.713	3.707	3.707	3.700	3.694	3.687	3.674
105	7.529	7.536	7.542	7.542	7.536	7.529	7.529	7.523	7.516	7.510
110	12.151	12.151	12.158	12.151	12.145	12.138	12.125	12.119	12.093	12.074
115	18.352	18.340	18.333	18.314	18.288	18.269	18.243	18.217	18.166	18.114
120	27.635	27.596	27.564	27.519	27.461	27.403	27.351	27.293	27.210	27.126
125	41.868	41.823	41.778	41.714	41.617	41.527	41.430	41.340	41.211	41.088
130	61.233	61.181	61.136	61.059	60.949	60.840	60.730	60.621	60.440	60.260

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CANDELA TABULATION - (Cont.)

135	87.907	87.849	87.785	87.721	87.650	87.585	87.514	87.450	87.198	86.947
140	147.613	147.020	146.427	145.808	145.157	144.512	143.861	143.216	141.979	140.741
145	387.342	386.975	386.607	385.647	384.080	382.514	380.954	379.388	379.027	378.666
150	788.795	787.835	786.874	786.146	785.649	785.153	784.663	784.167	786.739	789.304
155	1052.208	1051.383	1050.558	1049.984	1049.668	1049.346	1049.030	1048.708	1048.914	1049.114
160	1333.587	1332.549	1331.505	1330.222	1328.707	1327.186	1325.671	1324.150	1322.951	1321.758
165	1911.113	1909.289	1907.464	1904.886	1901.560	1898.240	1894.914	1891.587	1889.060	1886.533
170	3052.209	3049.707	3047.213	3043.745	3039.303	3034.868	3030.427	3025.992	3022.176	3018.359
175	4539.126	4538.817	4538.501	4538.314	4538.243	4538.166	4538.095	4538.024	4537.276	4536.535
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4535.787	4535.039	4534.775	4534.994	4535.220	4535.439	4535.658	4535.439	4535.220	4534.994
10	3014.543	3010.727	3008.374	3007.491	3006.608	3005.718	3004.835	3005.718	3006.608	3007.491
15	1884.006	1881.480	1880.126	1879.952	1879.771	1879.597	1879.417	1879.597	1879.771	1879.952
20	1320.559	1319.367	1318.670	1318.477	1318.290	1318.097	1317.903	1318.097	1318.290	1318.477
25	1049.320	1049.520	1050.017	1050.809	1051.596	1052.389	1053.175	1052.389	1051.596	1050.809
30	791.877	794.449	796.183	797.079	797.981	798.877	799.780	798.877	797.981	797.079
35	378.305	377.944	377.666	377.479	377.293	377.099	376.912	377.099	377.293	377.479
40	139.510	138.272	137.408	136.918	136.422	135.932	135.442	135.932	136.422	136.918
45	86.696	86.444	86.264	86.154	86.045	85.935	85.825	85.935	86.045	86.154
50	60.073	59.892	59.763	59.686	59.602	59.525	59.447	59.525	59.602	59.686
55	40.959	40.837	40.747	40.702	40.656	40.611	40.566	40.611	40.656	40.702
60	27.042	26.958	26.907	26.874	26.842	26.810	26.778	26.810	26.842	26.874
65	18.062	18.011	17.979	17.972	17.966	17.953	17.946	17.953	17.966	17.972
70	12.048	12.029	12.016	12.009	12.009	12.003	12.003	12.003	12.009	12.009
75	7.503	7.497	7.497	7.503	7.510	7.510	7.516	7.510	7.510	7.503
80	3.668	3.661	3.655	3.655	3.649	3.649	3.649	3.649	3.649	3.655
85	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
90	0.297	0.297	0.297	0.297	0.284	0.284	0.284	0.284	0.284	0.297
95	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
100	3.668	3.661	3.655	3.655	3.649	3.649	3.649	3.649	3.649	3.655
105	7.503	7.497	7.497	7.503	7.510	7.510	7.516	7.510	7.510	7.503
110	12.048	12.029	12.016	12.009	12.009	12.003	12.003	12.003	12.009	12.009
115	18.062	18.011	17.979	17.972	17.966	17.953	17.946	17.953	17.966	17.972
120	27.042	26.958	26.907	26.874	26.842	26.810	26.778	26.810	26.842	26.874
125	40.959	40.837	40.747	40.702	40.656	40.611	40.566	40.611	40.656	40.702
130	60.073	59.892	59.763	59.686	59.602	59.525	59.447	59.525	59.602	59.686
135	86.696	86.444	86.264	86.154	86.045	85.935	85.825	85.935	86.045	86.154
140	139.510	138.272	137.408	136.918	136.422	135.932	135.442	135.932	136.422	136.918
145	378.305	377.944	377.666	377.479	377.293	377.099	376.912	377.099	377.293	377.479
150	791.877	794.449	796.183	797.079	797.981	798.877	799.780	798.877	797.981	797.079
155	1049.320	1049.520	1050.017	1050.809	1051.596	1052.389	1053.175	1052.389	1051.596	1050.809
160	1320.559	1319.367	1318.670	1318.477	1318.290	1318.097	1317.903	1318.097	1318.290	1318.477
165	1884.006	1881.480	1880.126	1879.952	1879.771	1879.597	1879.417	1879.597	1879.771	1879.952
170	3014.543	3010.727	3008.374	3007.491	3006.608	3005.718	3004.835	3005.718	3006.608	3007.491
175	4535.787	4535.039	4534.775	4535.001	4535.220	4535.439	4535.658	4535.439	4535.220	4535.001
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	4534.775	4535.039	4535.787	4536.528	4537.276	4538.024	4538.095	4538.166	4538.237	4538.307
10	3008.374	3010.727	3014.543	3018.359	3022.176	3025.992	3030.427	3034.868	3039.303	3043.745
15	1880.126	1881.480	1884.006	1886.533	1889.060	1891.587	1894.914	1898.240	1901.560	1904.886
20	1318.670	1319.367	1320.559	1321.758	1322.951	1324.150	1325.671	1327.186	1328.707	1330.222
25	1050.017	1049.520	1049.320	1049.114	1048.914	1048.708	1049.030	1049.346	1049.668	1049.984
30	796.183	794.449	791.877	789.304	786.739	784.167	784.663	785.153	785.649	786.146
35	377.666	377.944	378.305	378.666	379.027	379.388	380.954	382.514	384.080	385.647
40	137.408	138.272	139.510	140.741	141.979	143.216	143.861	144.512	145.157	145.808
45	86.264	86.444	86.696	86.947	87.198	87.450	87.514	87.585	87.650	87.721
50	59.763	59.892	60.073	60.260	60.440	60.621	60.730	60.840	60.949	61.059
55	40.747	40.837	40.959	41.088	41.211	41.340	41.430	41.527	41.617	41.714
60	26.907	26.958	27.042	27.126	27.210	27.293	27.351	27.403	27.461	27.519
65	17.979	18.011	18.062	18.114	18.166	18.217	18.243	18.269	18.288	18.314
70	12.016	12.029	12.048	12.074	12.093	12.119	12.125	12.138	12.145	12.151
75	7.497	7.497	7.503	7.510	7.516	7.523	7.529	7.529	7.536	7.542
80	3.655	3.661	3.668	3.674	3.687	3.694	3.700	3.707	3.707	3.713
85	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.780	0.780
90	0.297	0.297	0.297	0.309	0.309	0.309	0.309	0.309	0.322	0.322
95	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.780	0.780
100	3.655	3.661	3.668	3.674	3.687	3.694	3.700	3.707	3.707	3.713
105	7.497	7.497	7.503	7.510	7.516	7.523	7.529	7.529	7.536	7.542
110	12.016	12.029	12.048	12.074	12.093	12.119	12.125	12.138	12.145	12.151
115	17.979	18.011	18.062	18.114	18.166	18.217	18.243	18.269	18.288	18.314
120	26.907	26.958	27.042	27.126	27.210	27.293	27.351	27.403	27.461	27.519
125	40.747	40.837	40.959	41.088	41.211	41.340	41.430	41.527	41.617	41.714
130	59.763	59.892	60.073	60.260	60.440	60.621	60.730	60.840	60.949	61.059
135	86.264	86.444	86.696	86.947	87.198	87.450	87.514	87.585	87.650	87.721
140	137.408	138.272	139.510	140.741	141.979	143.216	143.861	144.512	145.157	145.808
145	377.666	377.944	378.305	378.666	379.027	379.388	380.954	382.514	384.080	385.647
150	796.183	794.449	791.877	789.304	786.739	784.167	784.663	785.153	785.649	786.146
155	1050.017	1049.520	1049.320	1049.114	1048.914	1048.708	1049.030	1049.346	1049.668	1049.984
160	1318.670	1319.367	1320.559	1321.758	1322.951	1324.150	1325.671	1327.186	1328.707	1330.222
165	1880.126	1881.480	1884.006	1886.533	1889.060	1891.587	1894.914	1898.240	1901.560	1904.886
170	3008.374	3010.727	3014.543	3018.359	3022.176	3025.992	3030.427	3034.868	3039.303	3043.745
175	4534.775	4535.039	4535.787	4536.535	4537.276	4538.024	4538.095	4538.166	4538.243	4538.314
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4538.501	4538.810	4539.126	4539.436	4539.745	4539.436	4539.126	4538.810	4538.501	4538.307
10	3047.213	3049.707	3052.209	3054.703	3057.204	3054.703	3052.209	3049.707	3047.213	3043.745
15	1907.464	1909.289	1911.113	1912.944	1914.768	1912.944	1911.113	1909.289	1907.464	1904.886
20	1331.505	1332.549	1333.587	1334.631	1335.676	1334.631	1333.587	1332.549	1331.505	1330.222
25	1050.558	1051.383	1052.208	1053.033	1053.859	1053.033	1052.208	1051.383	1050.558	1049.984
30	786.874	787.835	788.795	789.756	790.716	789.756	788.795	787.835	786.874	786.146
35	386.607	386.975	387.342	387.710	388.077	387.710	387.342	386.975	386.607	385.647
40	146.427	147.020	147.613	148.206	148.799	148.206	147.613	147.020	146.427	145.808
45	87.785	87.849	87.907	87.972	88.036	87.972	87.907	87.849	87.785	87.721
50	61.136	61.181	61.233	61.278	61.330	61.278	61.233	61.181	61.136	61.059
55	41.778	41.823	41.868	41.907	41.952	41.907	41.868	41.823	41.778	41.714
60	27.564	27.596	27.635	27.667	27.706	27.667	27.635	27.596	27.564	27.519
65	18.333	18.340	18.352	18.359	18.372	18.359	18.352	18.340	18.333	18.314
70	12.158	12.151	12.151	12.145	12.145	12.145	12.151	12.151	12.158	12.151
75	7.542	7.536	7.529	7.523	7.516	7.523	7.529	7.536	7.542	7.542

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	3.713	3.713	3.707	3.707	3.707	3.707	3.707	3.713	3.713	3.713
85	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
90	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
95	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
100	3.713	3.713	3.707	3.707	3.707	3.707	3.707	3.713	3.713	3.713
105	7.542	7.536	7.529	7.523	7.516	7.523	7.529	7.536	7.542	7.542
110	12.158	12.151	12.151	12.145	12.145	12.145	12.151	12.151	12.158	12.151
115	18.333	18.340	18.352	18.359	18.372	18.359	18.352	18.340	18.333	18.314
120	27.564	27.596	27.635	27.667	27.706	27.667	27.635	27.596	27.564	27.519
125	41.778	41.823	41.868	41.907	41.952	41.907	41.868	41.823	41.778	41.714
130	61.136	61.181	61.233	61.278	61.330	61.278	61.233	61.181	61.136	61.059
135	87.785	87.849	87.907	87.972	88.036	87.972	87.907	87.849	87.785	87.721
140	146.427	147.020	147.613	148.206	148.799	148.206	147.613	147.020	146.427	145.808
145	386.607	386.975	387.342	387.710	388.077	387.710	387.342	386.975	386.607	385.647
150	786.874	787.835	788.795	789.756	790.716	789.756	788.795	787.835	786.874	786.146
155	1050.558	1051.383	1052.208	1053.033	1053.859	1053.033	1052.208	1051.383	1050.558	1049.984
160	1331.505	1332.549	1333.587	1334.631	1335.676	1334.631	1333.587	1332.549	1331.505	1330.222
165	1907.464	1909.289	1911.113	1912.944	1914.768	1912.944	1911.113	1909.289	1907.464	1904.886
170	3047.213	3049.707	3052.209	3054.703	3057.204	3054.703	3052.209	3049.707	3047.213	3043.745
175	4538.501	4538.817	4539.126	4539.436	4539.745	4539.436	4539.126	4538.817	4538.501	4538.314
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

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	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443	5267.443
5	4538.237	4538.166	4538.095	4538.024	4537.276	4536.528	4535.787	4535.039	4534.775	4534.994
10	3039.303	3034.868	3030.427	3025.992	3022.176	3018.359	3014.543	3010.727	3008.374	3007.491
15	1901.560	1898.240	1894.914	1891.587	1889.060	1886.533	1884.006	1881.480	1880.126	1879.952
20	1328.707	1327.186	1325.671	1324.150	1322.951	1321.758	1320.559	1319.367	1318.670	1318.477
25	1049.668	1049.346	1049.030	1048.708	1048.914	1049.114	1049.320	1049.520	1050.017	1050.809
30	785.649	785.153	784.663	784.167	786.739	789.304	791.877	794.449	796.183	797.079
35	384.080	382.514	380.954	379.388	379.027	378.666	378.305	377.944	377.666	377.479
40	145.157	144.512	143.861	143.216	141.979	140.741	139.510	138.272	137.408	136.918
45	87.650	87.585	87.514	87.450	87.198	86.947	86.696	86.444	86.264	86.154
50	60.949	60.840	60.730	60.621	60.440	60.260	60.073	59.892	59.763	59.686
55	41.617	41.527	41.430	41.340	41.211	41.088	40.959	40.837	40.747	40.702
60	27.461	27.403	27.351	27.293	27.210	27.126	27.042	26.958	26.907	26.874
65	18.288	18.269	18.243	18.217	18.166	18.114	18.062	18.011	17.979	17.972
70	12.145	12.138	12.125	12.119	12.093	12.074	12.048	12.029	12.016	12.009
75	7.536	7.529	7.529	7.523	7.516	7.510	7.503	7.497	7.497	7.503
80	3.707	3.707	3.700	3.694	3.687	3.674	3.668	3.661	3.655	3.655
85	0.780	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
90	0.322	0.309	0.309	0.309	0.309	0.309	0.297	0.297	0.297	0.297
95	0.780	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786	0.786
100	3.707	3.707	3.700	3.694	3.687	3.674	3.668	3.661	3.655	3.655
105	7.536	7.529	7.529	7.523	7.516	7.510	7.503	7.497	7.497	7.503
110	12.145	12.138	12.125	12.119	12.093	12.074	12.048	12.029	12.016	12.009
115	18.288	18.269	18.243	18.217	18.166	18.114	18.062	18.011	17.979	17.972
120	27.461	27.403	27.351	27.293	27.210	27.126	27.042	26.958	26.907	26.874
125	41.617	41.527	41.430	41.340	41.211	41.088	40.959	40.837	40.747	40.702
130	60.949	60.840	60.730	60.621	60.440	60.260	60.073	59.892	59.763	59.686
135	87.650	87.585	87.514	87.450	87.198	86.947	86.696	86.444	86.264	86.154
140	145.157	144.512	143.861	143.216	141.979	140.741	139.510	138.272	137.408	136.918
145	384.080	382.514	380.954	379.388	379.027	378.666	378.305	377.944	377.666	377.479
150	785.649	785.153	784.663	784.167	786.739	789.304	791.877	794.449	796.183	797.079

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1049.668	1049.346	1049.030	1048.708	1048.914	1049.114	1049.320	1049.520	1050.017	1050.809
160	1328.707	1327.186	1325.671	1324.150	1322.951	1321.758	1320.559	1319.367	1318.670	1318.477
165	1901.560	1898.240	1894.914	1891.587	1889.060	1886.533	1884.006	1881.480	1880.126	1879.952
170	3039.303	3034.868	3030.427	3025.992	3022.176	3018.359	3014.543	3010.727	3008.374	3007.491
175	4538.243	4538.166	4538.095	4538.024	4537.276	4536.535	4535.787	4535.039	4534.775	4535.001
180	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230	5267.230

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5267.443	5267.443	5267.443
5	4535.220	4535.439	4535.658
10	3006.608	3005.718	3004.835
15	1879.771	1879.597	1879.417
20	1318.290	1318.097	1317.903
25	1051.596	1052.389	1053.175
30	797.981	798.877	799.780
35	377.293	377.099	376.912
40	136.422	135.932	135.442
45	86.045	85.935	85.825
50	59.602	59.525	59.447
55	40.656	40.611	40.566
60	26.842	26.810	26.778
65	17.966	17.953	17.946
70	12.009	12.003	12.003
75	7.510	7.510	7.516
80	3.649	3.649	3.649
85	0.786	0.786	0.786
90	0.284	0.284	0.284
95	0.786	0.786	0.786
100	3.649	3.649	3.649
105	7.510	7.510	7.516
110	12.009	12.003	12.003
115	17.966	17.953	17.946
120	26.842	26.810	26.778
125	40.656	40.611	40.566
130	59.602	59.525	59.447
135	86.045	85.935	85.825
140	136.422	135.932	135.442
145	377.293	377.099	376.912
150	797.981	798.877	799.780
155	1051.596	1052.389	1053.175
160	1318.290	1318.097	1317.903
165	1879.771	1879.597	1879.417
170	3006.608	3005.718	3004.835
175	4535.220	4535.439	4535.658
180	5267.230	5267.230	5267.230

COEFFICIENTS OF UTILIZATION



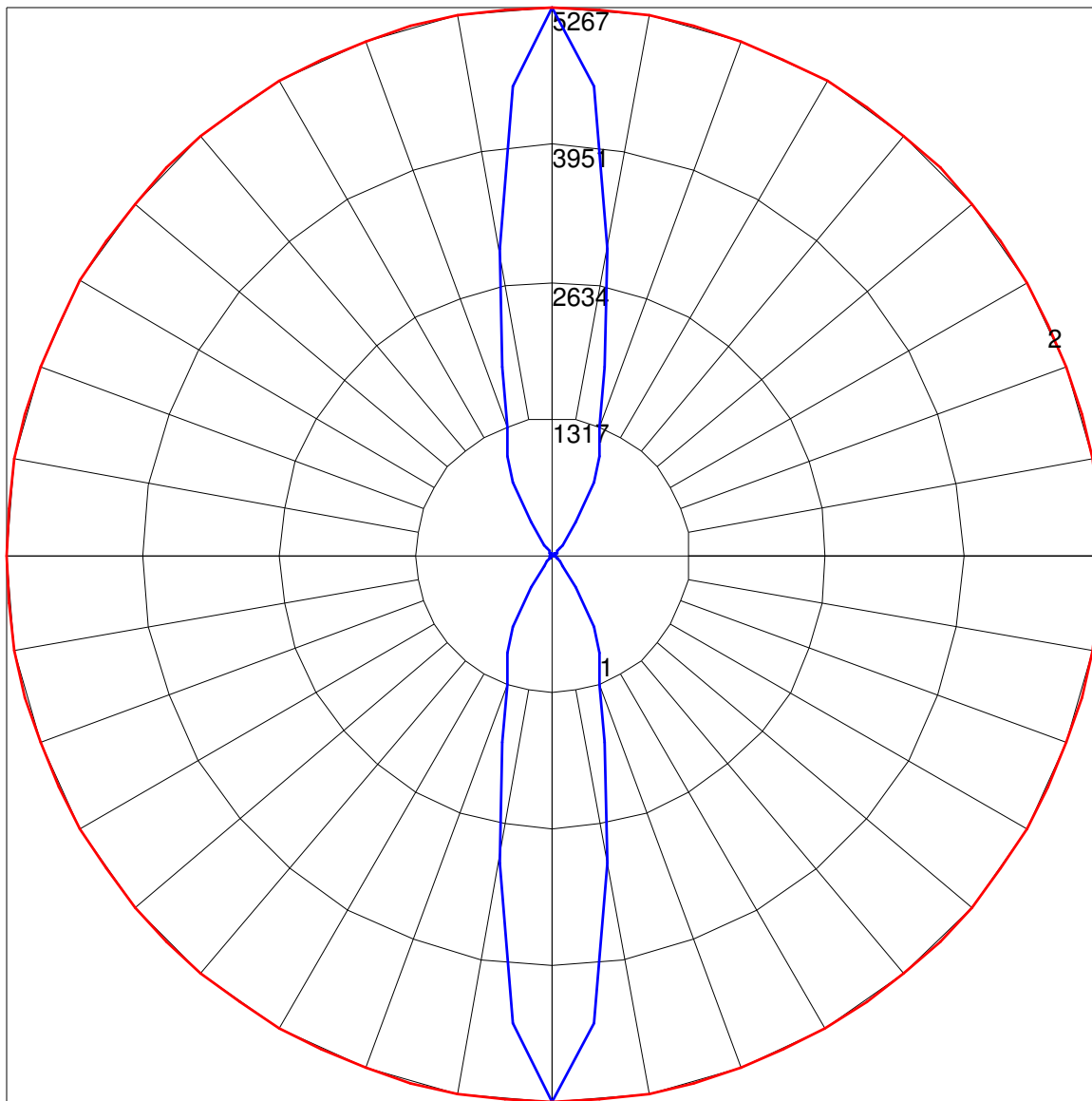
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	912.9	25.0
Downward House Side	912.9	25.0
Downward Total	1825.8	50.0
Upward Street Side	912.9	25.0
Upward House Side	912.9	25.0
Upward Total	1825.8	50.0
Total Flux	3651.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-930U-L20-930D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 5267.443 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

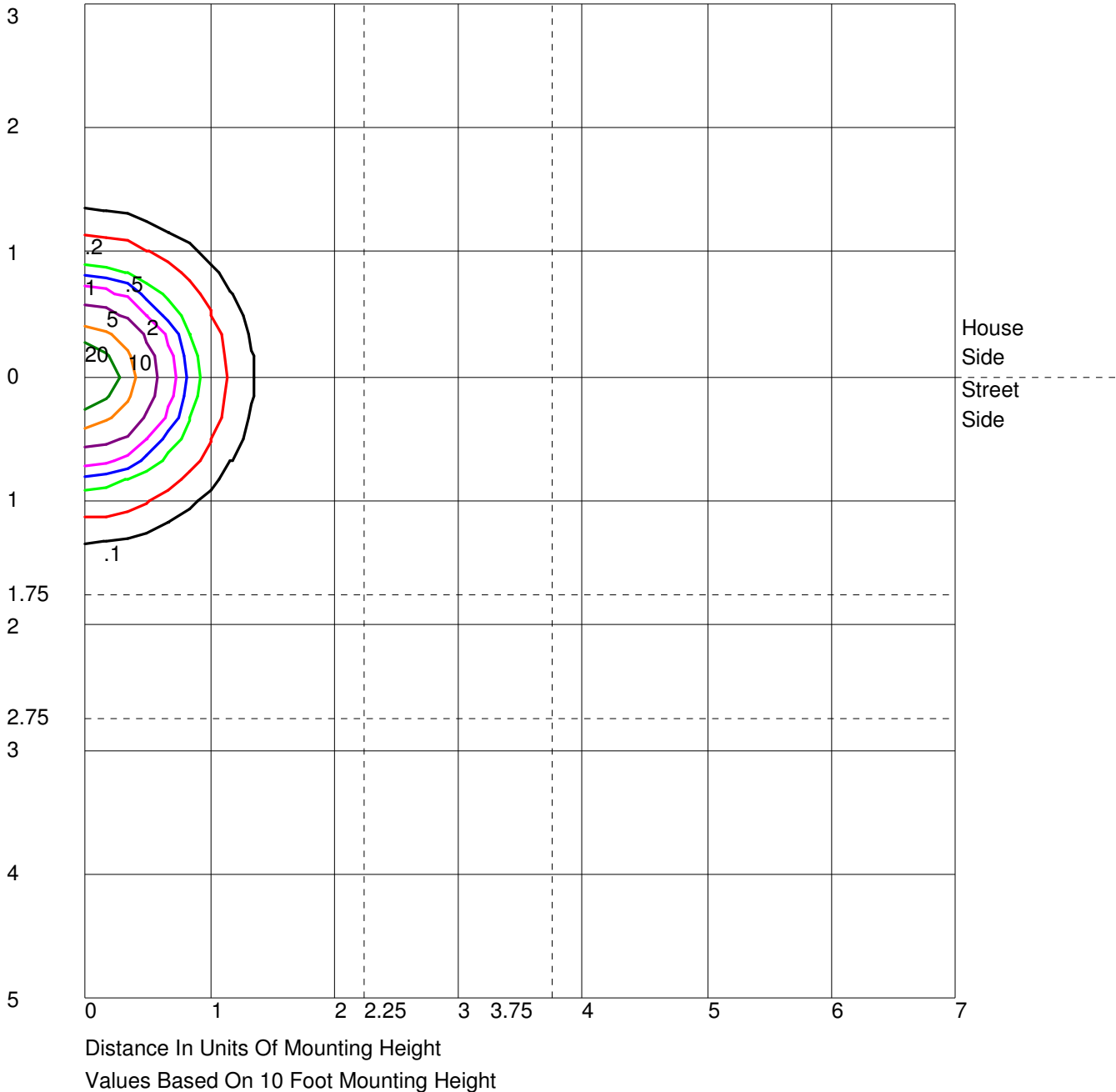


PHOTO LUMENS

