

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L10-927U-L10-927D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[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	1986
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9182.307
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9182.307
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.131 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.566 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	440.6	N.A.	22.2
FM - Front-Medium (30-60)	51.1	N.A.	2.6
FH - Front-High (60-80)	4.5	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	440.6	N.A.	22.2
BM - Back-Medium (30-60)	51.1	N.A.	2.6
BH - Back-High (60-80)	4.5	N.A.	0.2
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.6	N.A.	0.0
UH - Uplight-High (100-180)	992.6	N.A.	50.0
Total	1986.2	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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6215.792	6218.211	6220.630	6223.046	6225.465	6229.259	6234.433	6239.603	6244.777	6249.947
10	1862.751	1866.477	1870.203	1873.930	1877.656	1889.073	1908.183	1927.293	1946.400	1965.510
15	613.583	614.415	615.244	616.076	616.905	620.736	627.567	634.396	641.227	648.056
20	400.945	400.752	400.559	400.366	400.172	400.743	402.083	403.420	404.761	406.098
25	358.066	357.804	357.540	357.278	357.014	356.913	356.972	357.034	357.094	357.153
30	284.704	284.312	283.920	283.524	283.132	282.478	281.566	280.654	279.742	278.829
35	114.907	115.168	115.430	115.688	115.950	116.063	116.024	115.985	115.947	115.908
40	20.774	20.997	21.220	21.443	21.666	21.939	22.269	22.599	22.928	23.258
45	11.925	11.931	11.937	11.946	11.952	11.958	11.960	11.966	11.969	11.975
50	11.042	11.024	11.007	10.992	10.974	10.950	10.920	10.891	10.861	10.831
55	10.665	10.626	10.588	10.549	10.510	10.460	10.403	10.344	10.287	10.228
60	8.644	8.626	8.609	8.588	8.570	8.534	8.481	8.424	8.371	8.317
65	6.044	6.029	6.014	6.000	5.985	5.976	5.973	5.970	5.967	5.964
70	4.154	4.154	4.151	4.151	4.148	4.148	4.151	4.151	4.154	4.154
75	2.847	2.844	2.838	2.835	2.832	2.829	2.829	2.826	2.826	2.826
80	1.554	1.554	1.554	1.551	1.551	1.551	1.551	1.554	1.554	1.554
85	0.327	0.327	0.327	0.321	0.321	0.321	0.321	0.318	0.318	0.318
90	0.119	0.119	0.119	0.125	0.125	0.125	0.125	0.131	0.131	0.131
95	0.327	0.327	0.327	0.321	0.321	0.321	0.321	0.318	0.318	0.318
100	1.554	1.554	1.554	1.551	1.551	1.551	1.551	1.554	1.554	1.554
105	2.847	2.844	2.838	2.835	2.832	2.829	2.829	2.826	2.826	2.826
110	4.154	4.154	4.151	4.151	4.148	4.148	4.151	4.151	4.154	4.154
115	6.044	6.029	6.014	6.000	5.985	5.976	5.973	5.970	5.967	5.964
120	8.644	8.626	8.609	8.588	8.570	8.534	8.481	8.424	8.371	8.317
125	10.665	10.626	10.588	10.549	10.510	10.460	10.403	10.344	10.287	10.228
130	11.042	11.024	11.007	10.992	10.974	10.950	10.920	10.891	10.861	10.831
135	11.925	11.931	11.937	11.946	11.952	11.958	11.960	11.966	11.969	11.975
140	20.774	20.997	21.220	21.443	21.666	21.939	22.269	22.599	22.928	23.258
145	114.907	115.168	115.430	115.688	115.950	116.063	116.024	115.985	115.947	115.908
150	284.704	284.312	283.920	283.524	283.132	282.478	281.566	280.654	279.742	278.829
155	358.066	357.804	357.540	357.278	357.014	356.913	356.972	357.034	357.094	357.153
160	400.945	400.752	400.559	400.366	400.172	400.743	402.083	403.420	404.761	406.098
165	613.583	614.415	615.244	616.076	616.905	620.736	627.567	634.396	641.227	648.056
170	1862.751	1866.477	1870.203	1873.930	1877.656	1889.073	1908.183	1927.293	1946.400	1965.510
175	6215.798	6218.217	6220.636	6223.052	6225.471	6229.265	6234.439	6239.609	6244.783	6249.953
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6265.589	6281.235	6296.877	6312.522	6320.839	6321.829	6322.819	6323.808	6324.798	6323.808
10	1980.584	1995.659	2010.734	2025.808	2037.103	2044.612	2052.121	2059.631	2067.140	2059.631
15	650.891	653.726	656.561	659.395	663.446	668.708	673.971	679.236	684.499	679.236
20	407.396	408.698	409.996	411.295	412.406	413.327	414.246	415.167	416.088	415.167
25	357.436	357.718	358.000	358.283	358.788	359.513	360.238	360.963	361.688	360.963
30	279.085	279.337	279.593	279.846	280.268	280.859	281.450	282.042	282.633	282.042
35	116.832	117.754	118.678	119.602	120.101	120.181	120.262	120.339	120.419	120.339
40	23.707	24.156	24.604	25.053	25.264	25.237	25.214	25.187	25.163	25.187
45	11.969	11.966	11.960	11.958	11.960	11.972	11.987	11.999	12.011	11.999
50	10.816	10.802	10.787	10.772	10.763	10.754	10.745	10.739	10.730	10.739
55	10.198	10.166	10.136	10.103	10.085	10.077	10.071	10.062	10.056	10.062

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CANDELA TABULATION - (Cont.)

60	8.303	8.288	8.273	8.258	8.264	8.291	8.317	8.344	8.371	8.344
65	5.958	5.952	5.946	5.940	5.943	5.952	5.961	5.973	5.982	5.973
70	4.151	4.148	4.145	4.142	4.142	4.145	4.148	4.151	4.154	4.151
75	2.820	2.817	2.811	2.808	2.805	2.808	2.811	2.811	2.814	2.811
80	1.554	1.557	1.554	1.557	1.557	1.560	1.563	1.563	1.566	1.563
85	0.318	0.318	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315
90	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131
95	0.318	0.318	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315
100	1.554	1.557	1.554	1.557	1.557	1.560	1.563	1.563	1.566	1.563
105	2.820	2.817	2.811	2.808	2.805	2.808	2.811	2.811	2.814	2.811
110	4.151	4.148	4.145	4.142	4.142	4.145	4.148	4.151	4.154	4.151
115	5.958	5.952	5.946	5.940	5.943	5.952	5.961	5.973	5.982	5.973
120	8.303	8.288	8.273	8.258	8.264	8.291	8.317	8.344	8.371	8.344
125	10.198	10.166	10.136	10.103	10.085	10.077	10.071	10.062	10.056	10.062
130	10.816	10.802	10.787	10.772	10.763	10.754	10.745	10.739	10.730	10.739
135	11.969	11.966	11.960	11.958	11.960	11.972	11.987	11.999	12.011	11.999
140	23.707	24.156	24.604	25.053	25.264	25.237	25.214	25.187	25.163	25.187
145	116.832	117.754	118.678	119.602	120.101	120.181	120.262	120.339	120.419	120.339
150	279.085	279.337	279.593	279.846	280.268	280.859	281.450	282.042	282.633	282.042
155	357.436	357.718	358.000	358.283	358.788	359.513	360.238	360.963	361.688	360.963
160	407.396	408.698	409.996	411.295	412.406	413.327	414.246	415.167	416.088	415.167
165	650.891	653.726	656.561	659.395	663.446	668.708	673.971	679.236	684.499	679.236
170	1980.584	1995.659	2010.734	2025.808	2037.103	2044.612	2052.121	2059.631	2067.140	2059.631
175	6265.595	6281.241	6296.883	6312.528	6320.842	6321.835	6322.824	6323.814	6324.804	6323.814
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6322.819	6321.829	6320.839	6312.522	6296.877	6281.235	6265.589	6249.947	6244.777	6239.603
10	2052.121	2044.612	2037.103	2025.808	2010.734	1995.659	1980.584	1965.510	1946.400	1927.293
15	673.971	668.708	663.446	659.395	656.561	653.726	650.891	648.056	641.227	634.396
20	414.246	413.327	412.406	411.295	409.996	408.698	407.396	406.098	404.761	403.420
25	360.238	359.513	358.788	358.283	358.000	357.718	357.436	357.153	357.094	357.034
30	281.450	280.859	280.268	279.846	279.593	279.337	279.085	278.829	279.742	280.654
35	120.262	120.181	120.101	119.602	118.678	117.754	116.832	115.908	115.947	115.985
40	25.214	25.237	25.264	25.053	24.604	24.156	23.707	23.258	22.928	22.599
45	11.987	11.972	11.960	11.958	11.960	11.966	11.969	11.975	11.969	11.966
50	10.745	10.754	10.763	10.772	10.787	10.802	10.816	10.831	10.861	10.891
55	10.071	10.077	10.085	10.103	10.136	10.166	10.198	10.228	10.287	10.344
60	8.317	8.291	8.264	8.258	8.273	8.288	8.303	8.317	8.371	8.424
65	5.961	5.952	5.943	5.940	5.946	5.952	5.958	5.964	5.967	5.970
70	4.148	4.145	4.142	4.142	4.145	4.148	4.151	4.154	4.154	4.151
75	2.811	2.808	2.805	2.808	2.811	2.817	2.820	2.826	2.826	2.826
80	1.563	1.560	1.557	1.557	1.554	1.557	1.554	1.554	1.554	1.554
85	0.315	0.315	0.315	0.315	0.315	0.318	0.318	0.318	0.318	0.318
90	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131
95	0.315	0.315	0.315	0.315	0.315	0.318	0.318	0.318	0.318	0.318
100	1.563	1.560	1.557	1.557	1.554	1.557	1.554	1.554	1.554	1.554
105	2.811	2.808	2.805	2.808	2.811	2.817	2.820	2.826	2.826	2.826
110	4.148	4.145	4.142	4.142	4.145	4.148	4.151	4.154	4.154	4.151
115	5.961	5.952	5.943	5.940	5.946	5.952	5.958	5.964	5.967	5.970
120	8.317	8.291	8.264	8.258	8.273	8.288	8.303	8.317	8.371	8.424
125	10.071	10.077	10.085	10.103	10.136	10.166	10.198	10.228	10.287	10.344
130	10.745	10.754	10.763	10.772	10.787	10.802	10.816	10.831	10.861	10.891

IES ROAD REPORT

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CANDELA TABULATION - (Cont.)

135	11.987	11.972	11.960	11.958	11.960	11.966	11.969	11.975	11.969	11.966
140	25.214	25.237	25.264	25.053	24.604	24.156	23.707	23.258	22.928	22.599
145	120.262	120.181	120.101	119.602	118.678	117.754	116.832	115.908	115.947	115.985
150	281.450	280.859	280.268	279.846	279.593	279.337	279.085	278.829	279.742	280.654
155	360.238	359.513	358.788	358.283	358.000	357.718	357.436	357.153	357.094	357.034
160	414.246	413.327	412.406	411.295	409.996	408.698	407.396	406.098	404.761	403.420
165	673.971	668.708	663.446	659.395	656.561	653.726	650.891	648.056	641.227	634.396
170	2052.121	2044.612	2037.103	2025.808	2010.734	1995.659	1980.584	1965.510	1946.400	1927.293
175	6322.824	6321.832	6320.842	6312.528	6296.883	6281.241	6265.595	6249.953	6244.780	6239.609
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6234.433	6229.259	6225.465	6223.046	6220.630	6218.211	6215.792	6218.211	6220.630	6223.046
10	1908.183	1889.073	1877.656	1873.930	1870.203	1866.477	1862.751	1866.477	1870.203	1873.930
15	627.567	620.736	616.905	616.076	615.244	614.415	613.583	614.415	615.244	616.076
20	402.083	400.743	400.172	400.366	400.559	400.752	400.945	400.752	400.559	400.366
25	356.972	356.913	357.014	357.278	357.540	357.804	358.066	357.804	357.540	357.278
30	281.566	282.478	283.132	283.524	283.920	284.312	284.704	284.312	283.920	283.524
35	116.024	116.063	115.950	115.688	115.430	115.168	114.907	115.168	115.430	115.688
40	22.269	21.939	21.666	21.443	21.220	20.997	20.774	20.997	21.220	21.443
45	11.960	11.958	11.952	11.946	11.937	11.931	11.925	11.931	11.937	11.946
50	10.920	10.950	10.974	10.992	11.007	11.024	11.042	11.024	11.007	10.992
55	10.403	10.460	10.510	10.549	10.588	10.626	10.665	10.626	10.588	10.549
60	8.481	8.534	8.570	8.588	8.609	8.626	8.644	8.626	8.609	8.588
65	5.973	5.976	5.985	6.000	6.014	6.029	6.044	6.029	6.014	6.000
70	4.151	4.148	4.148	4.151	4.151	4.154	4.154	4.154	4.151	4.151
75	2.829	2.829	2.832	2.835	2.838	2.844	2.847	2.844	2.838	2.835
80	1.551	1.551	1.551	1.551	1.554	1.554	1.554	1.554	1.554	1.551
85	0.321	0.321	0.321	0.321	0.327	0.327	0.327	0.327	0.327	0.321
90	0.125	0.125	0.125	0.125	0.119	0.119	0.119	0.119	0.119	0.125
95	0.321	0.321	0.321	0.321	0.327	0.327	0.327	0.327	0.327	0.321
100	1.551	1.551	1.551	1.551	1.554	1.554	1.554	1.554	1.554	1.551
105	2.829	2.829	2.832	2.835	2.838	2.844	2.847	2.844	2.838	2.835
110	4.151	4.148	4.148	4.151	4.151	4.154	4.154	4.154	4.151	4.151
115	5.973	5.976	5.985	6.000	6.014	6.029	6.044	6.029	6.014	6.000
120	8.481	8.534	8.570	8.588	8.609	8.626	8.644	8.626	8.609	8.588
125	10.403	10.460	10.510	10.549	10.588	10.626	10.665	10.626	10.588	10.549
130	10.920	10.950	10.974	10.992	11.007	11.024	11.042	11.024	11.007	10.992
135	11.960	11.958	11.952	11.946	11.937	11.931	11.925	11.931	11.937	11.946
140	22.269	21.939	21.666	21.443	21.220	20.997	20.774	20.997	21.220	21.443
145	116.024	116.063	115.950	115.688	115.430	115.168	114.907	115.168	115.430	115.688
150	281.566	282.478	283.132	283.524	283.920	284.312	284.704	284.312	283.920	283.524
155	356.972	356.913	357.014	357.278	357.540	357.804	358.066	357.804	357.540	357.278
160	402.083	400.743	400.172	400.366	400.559	400.752	400.945	400.752	400.559	400.366
165	627.567	620.736	616.905	616.076	615.244	614.415	613.583	614.415	615.244	616.076
170	1908.183	1889.073	1877.656	1873.930	1870.203	1866.477	1862.751	1866.477	1870.203	1873.930
175	6234.439	6229.265	6225.471	6223.052	6220.633	6218.217	6215.798	6218.217	6220.633	6223.052
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6225.465	6229.259	6234.433	6239.603	6244.777	6249.947	6265.589	6281.235	6296.877	6312.522
10	1877.656	1889.073	1908.183	1927.293	1946.400	1965.510	1980.584	1995.659	2010.734	2025.808
15	616.905	620.736	627.567	634.396	641.227	648.056	650.891	653.726	656.561	659.395
20	400.172	400.743	402.083	403.420	404.761	406.098	407.396	408.698	409.996	411.295
25	357.014	356.913	356.972	357.034	357.094	357.153	357.436	357.718	358.000	358.283
30	283.132	282.478	281.566	280.654	279.742	278.829	279.085	279.337	279.593	279.846
35	115.950	116.063	116.024	115.985	115.947	115.908	116.832	117.754	118.678	119.602
40	21.666	21.939	22.269	22.599	22.928	23.258	23.707	24.156	24.604	25.053
45	11.952	11.958	11.960	11.966	11.969	11.975	11.969	11.966	11.960	11.958
50	10.974	10.950	10.920	10.891	10.861	10.831	10.816	10.802	10.787	10.772
55	10.510	10.460	10.403	10.344	10.287	10.228	10.198	10.166	10.136	10.103
60	8.570	8.534	8.481	8.424	8.371	8.317	8.303	8.288	8.273	8.258
65	5.985	5.976	5.973	5.970	5.967	5.964	5.958	5.952	5.946	5.940
70	4.148	4.148	4.151	4.151	4.154	4.154	4.151	4.148	4.145	4.142
75	2.832	2.829	2.829	2.826	2.826	2.826	2.820	2.817	2.811	2.808
80	1.551	1.551	1.551	1.554	1.554	1.554	1.554	1.557	1.554	1.557
85	0.321	0.321	0.321	0.318	0.318	0.318	0.318	0.318	0.315	0.315
90	0.125	0.125	0.125	0.131	0.131	0.131	0.131	0.131	0.131	0.131
95	0.321	0.321	0.321	0.318	0.318	0.318	0.318	0.318	0.315	0.315
100	1.551	1.551	1.551	1.554	1.554	1.554	1.554	1.557	1.554	1.557
105	2.832	2.829	2.829	2.826	2.826	2.826	2.820	2.817	2.811	2.808
110	4.148	4.148	4.151	4.151	4.154	4.154	4.151	4.148	4.145	4.142
115	5.985	5.976	5.973	5.970	5.967	5.964	5.958	5.952	5.946	5.940
120	8.570	8.534	8.481	8.424	8.371	8.317	8.303	8.288	8.273	8.258
125	10.510	10.460	10.403	10.344	10.287	10.228	10.198	10.166	10.136	10.103
130	10.974	10.950	10.920	10.891	10.861	10.831	10.816	10.802	10.787	10.772
135	11.952	11.958	11.960	11.966	11.969	11.975	11.969	11.966	11.960	11.958
140	21.666	21.939	22.269	22.599	22.928	23.258	23.707	24.156	24.604	25.053
145	115.950	116.063	116.024	115.985	115.947	115.908	116.832	117.754	118.678	119.602
150	283.132	282.478	281.566	280.654	279.742	278.829	279.085	279.337	279.593	279.846
155	357.014	356.913	356.972	357.034	357.094	357.153	357.436	357.718	358.000	358.283
160	400.172	400.743	402.083	403.420	404.761	406.098	407.396	408.698	409.996	411.295
165	616.905	620.736	627.567	634.396	641.227	648.056	650.891	653.726	656.561	659.395
170	1877.656	1889.073	1908.183	1927.293	1946.400	1965.510	1980.584	1995.659	2010.734	2025.808
175	6225.471	6229.265	6234.439	6239.609	6244.780	6249.953	6265.595	6281.241	6296.883	6312.528
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6320.839	6321.829	6322.819	6323.808	6324.798	6323.808	6322.819	6321.829	6320.839	6312.522
10	2037.103	2044.612	2052.121	2059.631	2067.140	2059.631	2052.121	2044.612	2037.103	2025.808
15	663.446	668.708	673.971	679.236	684.499	679.236	673.971	668.708	663.446	659.395
20	412.406	413.327	414.246	415.167	416.088	415.167	414.246	413.327	412.406	411.295
25	358.788	359.513	360.238	360.963	361.688	360.963	360.238	359.513	358.788	358.283
30	280.268	280.859	281.450	282.042	282.633	282.042	281.450	280.859	280.268	279.846
35	120.101	120.181	120.262	120.339	120.419	120.339	120.262	120.181	120.101	119.602
40	25.264	25.237	25.214	25.187	25.163	25.187	25.214	25.237	25.264	25.053
45	11.960	11.972	11.987	11.999	12.011	11.999	11.987	11.972	11.960	11.958
50	10.763	10.754	10.745	10.739	10.730	10.739	10.745	10.754	10.763	10.772
55	10.085	10.077	10.071	10.062	10.056	10.062	10.071	10.077	10.085	10.103
60	8.264	8.291	8.317	8.344	8.371	8.344	8.317	8.291	8.264	8.258
65	5.943	5.952	5.961	5.973	5.982	5.973	5.961	5.952	5.943	5.940
70	4.142	4.145	4.148	4.151	4.154	4.151	4.148	4.145	4.142	4.142
75	2.805	2.808	2.811	2.811	2.814	2.811	2.811	2.808	2.805	2.808

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.557	1.560	1.563	1.563	1.566	1.563	1.563	1.560	1.557	1.557
85	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315
90	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131
95	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315	0.315
100	1.557	1.560	1.563	1.563	1.566	1.563	1.563	1.560	1.557	1.557
105	2.805	2.808	2.811	2.811	2.814	2.811	2.811	2.808	2.805	2.808
110	4.142	4.145	4.148	4.151	4.154	4.151	4.148	4.145	4.142	4.142
115	5.943	5.952	5.961	5.973	5.982	5.973	5.961	5.952	5.943	5.940
120	8.264	8.291	8.317	8.344	8.371	8.344	8.317	8.291	8.264	8.258
125	10.085	10.077	10.071	10.062	10.056	10.062	10.071	10.077	10.085	10.103
130	10.763	10.754	10.745	10.739	10.730	10.739	10.745	10.754	10.763	10.772
135	11.960	11.972	11.987	11.999	12.011	11.999	11.987	11.972	11.960	11.958
140	25.264	25.237	25.214	25.187	25.163	25.187	25.214	25.237	25.264	25.053
145	120.101	120.181	120.262	120.339	120.419	120.339	120.262	120.181	120.101	119.602
150	280.268	280.859	281.450	282.042	282.633	282.042	281.450	280.859	280.268	279.846
155	358.788	359.513	360.238	360.963	361.688	360.963	360.238	359.513	358.788	358.283
160	412.406	413.327	414.246	415.167	416.088	415.167	414.246	413.327	412.406	411.295
165	663.446	668.708	673.971	679.236	684.499	679.236	673.971	668.708	663.446	659.395
170	2037.103	2044.612	2052.121	2059.631	2067.140	2059.631	2052.121	2044.612	2037.103	2025.808
175	6320.842	6321.832	6322.824	6323.814	6324.804	6323.814	6322.824	6321.835	6320.842	6312.528
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

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	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307	9182.307
5	6296.877	6281.235	6265.589	6249.947	6244.777	6239.603	6234.433	6229.259	6225.465	6223.046
10	2010.734	1995.659	1980.584	1965.510	1946.400	1927.293	1908.183	1889.073	1877.656	1873.930
15	656.561	653.726	650.891	648.056	641.227	634.396	627.567	620.736	616.905	616.076
20	409.996	408.698	407.396	406.098	404.761	403.420	402.083	400.743	400.172	400.366
25	358.000	357.718	357.436	357.153	357.094	357.034	356.972	356.913	357.014	357.278
30	279.593	279.337	279.085	278.829	279.742	280.654	281.566	282.478	283.132	283.524
35	118.678	117.754	116.832	115.908	115.947	115.985	116.024	116.063	115.950	115.688
40	24.604	24.156	23.707	23.258	22.928	22.599	22.269	21.939	21.666	21.443
45	11.960	11.966	11.969	11.975	11.969	11.966	11.960	11.958	11.952	11.946
50	10.787	10.802	10.816	10.831	10.861	10.891	10.920	10.950	10.974	10.992
55	10.136	10.166	10.198	10.228	10.287	10.344	10.403	10.460	10.510	10.549
60	8.273	8.288	8.303	8.317	8.371	8.424	8.481	8.534	8.570	8.588
65	5.946	5.952	5.958	5.964	5.967	5.970	5.973	5.976	5.985	6.000
70	4.145	4.148	4.151	4.154	4.154	4.151	4.151	4.148	4.148	4.151
75	2.811	2.817	2.820	2.826	2.826	2.826	2.829	2.829	2.832	2.835
80	1.554	1.557	1.554	1.554	1.554	1.554	1.551	1.551	1.551	1.551
85	0.315	0.318	0.318	0.318	0.318	0.318	0.321	0.321	0.321	0.321
90	0.131	0.131	0.131	0.131	0.131	0.131	0.125	0.125	0.125	0.125
95	0.315	0.318	0.318	0.318	0.318	0.318	0.321	0.321	0.321	0.321
100	1.554	1.557	1.554	1.554	1.554	1.554	1.551	1.551	1.551	1.551
105	2.811	2.817	2.820	2.826	2.826	2.826	2.829	2.829	2.832	2.835
110	4.145	4.148	4.151	4.154	4.154	4.151	4.151	4.148	4.148	4.151
115	5.946	5.952	5.958	5.964	5.967	5.970	5.973	5.976	5.985	6.000
120	8.273	8.288	8.303	8.317	8.371	8.424	8.481	8.534	8.570	8.588
125	10.136	10.166	10.198	10.228	10.287	10.344	10.403	10.460	10.510	10.549
130	10.787	10.802	10.816	10.831	10.861	10.891	10.920	10.950	10.974	10.992
135	11.960	11.966	11.969	11.975	11.969	11.966	11.960	11.958	11.952	11.946
140	24.604	24.156	23.707	23.258	22.928	22.599	22.269	21.939	21.666	21.443
145	118.678	117.754	116.832	115.908	115.947	115.985	116.024	116.063	115.950	115.688
150	279.593	279.337	279.085	278.829	279.742	280.654	281.566	282.478	283.132	283.524

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	358.000	357.718	357.436	357.153	357.094	357.034	356.972	356.913	357.014	357.278
160	409.996	408.698	407.396	406.098	404.761	403.420	402.083	400.743	400.172	400.366
165	656.561	653.726	650.891	648.056	641.227	634.396	627.567	620.736	616.905	616.076
170	2010.734	1995.659	1980.584	1965.510	1946.400	1927.293	1908.183	1889.073	1877.656	1873.930
175	6296.883	6281.241	6265.595	6249.953	6244.783	6239.609	6234.439	6229.265	6225.471	6223.052
180	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084	9182.084

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9182.307	9182.307	9182.307
5	6220.630	6218.211	6215.792
10	1870.203	1866.477	1862.751
15	615.244	614.415	613.583
20	400.559	400.752	400.945
25	357.540	357.804	358.066
30	283.920	284.312	284.704
35	115.430	115.168	114.907
40	21.220	20.997	20.774
45	11.937	11.931	11.925
50	11.007	11.024	11.042
55	10.588	10.626	10.665
60	8.609	8.626	8.644
65	6.014	6.029	6.044
70	4.151	4.154	4.154
75	2.838	2.844	2.847
80	1.554	1.554	1.554
85	0.327	0.327	0.327
90	0.119	0.119	0.119
95	0.327	0.327	0.327
100	1.554	1.554	1.554
105	2.838	2.844	2.847
110	4.151	4.154	4.154
115	6.014	6.029	6.044
120	8.609	8.626	8.644
125	10.588	10.626	10.665
130	11.007	11.024	11.042
135	11.937	11.931	11.925
140	21.220	20.997	20.774
145	115.430	115.168	114.907
150	283.920	284.312	284.704
155	357.540	357.804	358.066
160	400.559	400.752	400.945
165	615.244	614.415	613.583
170	1870.203	1866.477	1862.751
175	6220.636	6218.217	6215.798
180	9182.084	9182.084	9182.084

COEFFICIENTS OF UTILIZATION



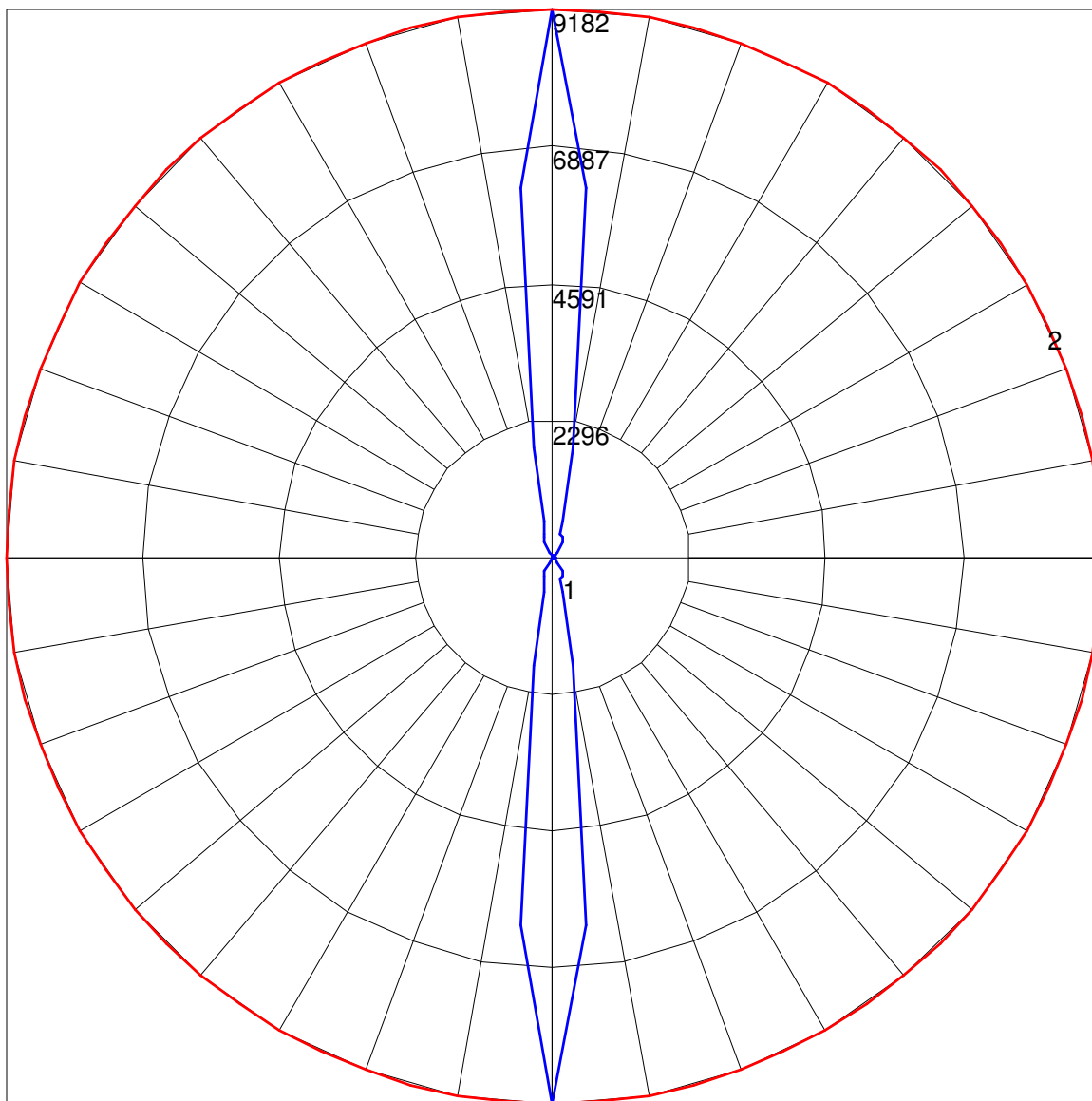
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	496.6	25.0
Downward House Side	496.6	25.0
Downward Total	993.2	50.0
Upward Street Side	496.6	25.0
Upward House Side	496.6	25.0
Upward Total	993.2	50.0
Total Flux	1986.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9182.307 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

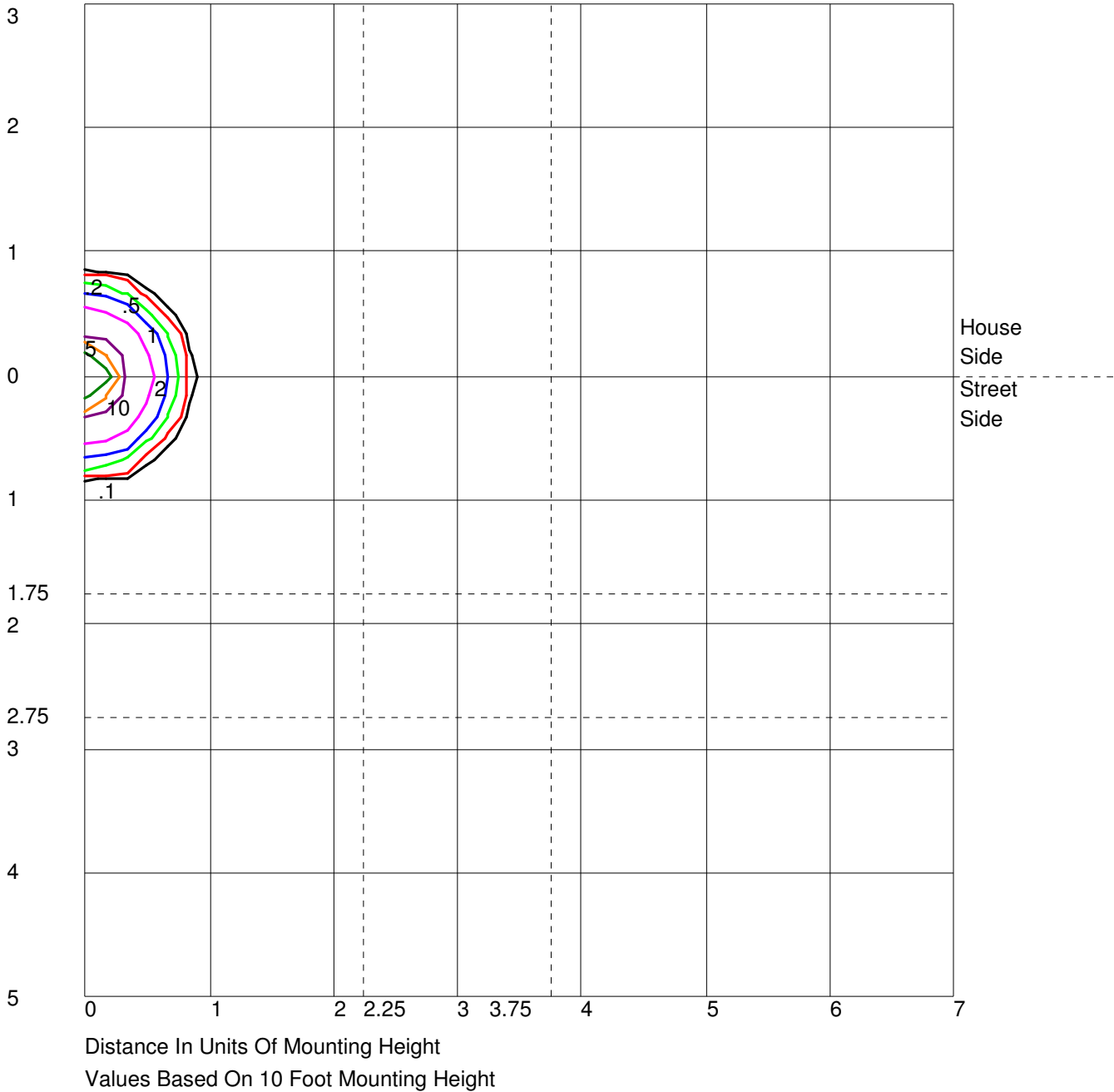


PHOTO LUMENS

