

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-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-L10-827U-L10-827D-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	2093
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9675.979
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9675.979
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.138 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.65 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	464.3	N.A.	22.2
FM - Front-Medium (30-60)	53.9	N.A.	2.6
FH - Front-High (60-80)	4.8	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	464.3	N.A.	22.2
BM - Back-Medium (30-60)	53.9	N.A.	2.6
BH - Back-High (60-80)	4.8	N.A.	0.2
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	1045.9	N.A.	50.0
Total	2093.2	N.A.	100.0
BUG Rating	B1-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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6549.975	6552.524	6555.073	6557.618	6560.167	6564.166	6569.617	6575.066	6580.518	6585.966
10	1962.899	1966.825	1970.752	1974.679	1978.605	1990.636	2010.773	2030.911	2051.045	2071.182
15	646.571	647.448	648.322	649.199	650.072	654.109	661.307	668.503	675.702	682.898
20	422.501	422.298	422.094	421.891	421.687	422.288	423.701	425.110	426.522	427.931
25	377.316	377.041	376.762	376.487	376.208	376.102	376.164	376.230	376.293	376.355
30	300.011	299.597	299.184	298.768	298.354	297.665	296.704	295.743	294.781	293.820
35	121.085	121.360	121.636	121.908	122.184	122.303	122.262	122.221	122.181	122.140
40	21.891	22.126	22.361	22.596	22.830	23.118	23.466	23.814	24.161	24.509
45	12.566	12.572	12.578	12.588	12.594	12.600	12.604	12.610	12.613	12.619
50	11.636	11.617	11.598	11.583	11.564	11.539	11.508	11.476	11.445	11.414
55	11.238	11.198	11.157	11.116	11.075	11.022	10.963	10.900	10.841	10.778
60	9.109	9.090	9.071	9.049	9.031	8.993	8.937	8.877	8.821	8.765
65	6.369	6.353	6.338	6.322	6.306	6.297	6.294	6.291	6.288	6.285
70	4.378	4.378	4.374	4.374	4.371	4.371	4.374	4.374	4.378	4.378
75	3.000	2.997	2.990	2.987	2.984	2.981	2.981	2.978	2.978	2.978
80	1.638	1.638	1.638	1.635	1.635	1.635	1.635	1.638	1.638	1.638
85	0.344	0.344	0.344	0.338	0.338	0.338	0.338	0.335	0.335	0.335
90	0.125	0.125	0.125	0.132	0.132	0.132	0.132	0.138	0.138	0.138
95	0.344	0.344	0.344	0.338	0.338	0.338	0.338	0.335	0.335	0.335
100	1.638	1.638	1.638	1.635	1.635	1.635	1.635	1.638	1.638	1.638
105	3.000	2.997	2.990	2.987	2.984	2.981	2.981	2.978	2.978	2.978
110	4.378	4.378	4.374	4.374	4.371	4.371	4.374	4.374	4.378	4.378
115	6.369	6.353	6.338	6.322	6.306	6.297	6.294	6.291	6.288	6.285
120	9.109	9.090	9.071	9.049	9.031	8.993	8.937	8.877	8.821	8.765
125	11.238	11.198	11.157	11.116	11.075	11.022	10.963	10.900	10.841	10.778
130	11.636	11.617	11.598	11.583	11.564	11.539	11.508	11.476	11.445	11.414
135	12.566	12.572	12.578	12.588	12.594	12.600	12.604	12.610	12.613	12.619
140	21.891	22.126	22.361	22.596	22.830	23.118	23.466	23.814	24.161	24.509
145	121.085	121.360	121.636	121.908	122.184	122.303	122.262	122.221	122.181	122.140
150	300.011	299.597	299.184	298.768	298.354	297.665	296.704	295.743	294.781	293.820
155	377.316	377.041	376.762	376.487	376.208	376.102	376.164	376.230	376.293	376.355
160	422.501	422.298	422.094	421.891	421.687	422.288	423.701	425.110	426.522	427.931
165	646.571	647.448	648.322	649.199	650.072	654.109	661.307	668.503	675.702	682.898
170	1962.899	1966.825	1970.752	1974.679	1978.605	1990.636	2010.773	2030.911	2051.045	2071.182
175	6549.981	6552.530	6555.079	6557.625	6560.173	6564.172	6569.624	6575.072	6580.524	6585.972
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6602.449	6618.936	6635.419	6651.905	6660.670	6661.712	6662.755	6663.798	6664.841	6663.798
10	2087.067	2102.953	2118.838	2134.723	2146.625	2154.538	2162.451	2170.363	2178.276	2170.363
15	685.885	688.872	691.860	694.847	699.115	704.660	710.206	715.755	721.300	715.755
20	429.299	430.671	432.039	433.408	434.579	435.549	436.517	437.488	438.458	437.488
25	376.653	376.950	377.248	377.545	378.077	378.841	379.605	380.369	381.134	380.369
30	294.089	294.356	294.625	294.891	295.336	295.959	296.582	297.205	297.828	297.205
35	123.114	124.084	125.058	126.032	126.558	126.643	126.727	126.809	126.893	126.809
40	24.982	25.454	25.927	26.400	26.622	26.594	26.569	26.541	26.516	26.541
45	12.613	12.610	12.604	12.600	12.604	12.616	12.632	12.644	12.657	12.644
50	11.398	11.382	11.367	11.351	11.342	11.332	11.323	11.317	11.307	11.317
55	10.747	10.712	10.681	10.646	10.628	10.618	10.612	10.603	10.596	10.603

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CANDELA TABULATION - (Cont.)

60	8.749	8.733	8.718	8.702	8.708	8.736	8.765	8.793	8.821	8.793
65	6.278	6.272	6.266	6.259	6.263	6.272	6.281	6.294	6.303	6.294
70	4.374	4.371	4.368	4.365	4.365	4.368	4.371	4.374	4.378	4.374
75	2.972	2.968	2.962	2.959	2.956	2.959	2.962	2.962	2.965	2.962
80	1.638	1.641	1.638	1.641	1.641	1.644	1.647	1.647	1.650	1.647
85	0.335	0.335	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
90	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138
95	0.335	0.335	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
100	1.638	1.641	1.638	1.641	1.641	1.644	1.647	1.647	1.650	1.647
105	2.972	2.968	2.962	2.959	2.956	2.959	2.962	2.962	2.965	2.962
110	4.374	4.371	4.368	4.365	4.365	4.368	4.371	4.374	4.378	4.374
115	6.278	6.272	6.266	6.259	6.263	6.272	6.281	6.294	6.303	6.294
120	8.749	8.733	8.718	8.702	8.708	8.736	8.765	8.793	8.821	8.793
125	10.747	10.712	10.681	10.646	10.628	10.618	10.612	10.603	10.596	10.603
130	11.398	11.382	11.367	11.351	11.342	11.332	11.323	11.317	11.307	11.317
135	12.613	12.610	12.604	12.600	12.604	12.616	12.632	12.644	12.657	12.644
140	24.982	25.454	25.927	26.400	26.622	26.594	26.569	26.541	26.516	26.541
145	123.114	124.084	125.058	126.032	126.558	126.643	126.727	126.809	126.893	126.809
150	294.089	294.356	294.625	294.891	295.336	295.959	296.582	297.205	297.828	297.205
155	376.653	376.950	377.248	377.545	378.077	378.841	379.605	380.369	381.134	380.369
160	429.299	430.671	432.039	433.408	434.579	435.549	436.517	437.488	438.458	437.488
165	685.885	688.872	691.860	694.847	699.115	704.660	710.206	715.755	721.300	715.755
170	2087.067	2102.953	2118.838	2134.723	2146.625	2154.538	2162.451	2170.363	2178.276	2170.363
175	6602.456	6618.942	6635.425	6651.911	6660.673	6661.719	6662.761	6663.804	6664.847	6663.804
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6662.755	6661.712	6660.670	6651.905	6635.419	6618.936	6602.449	6585.966	6580.518	6575.066
10	2162.451	2154.538	2146.625	2134.723	2118.838	2102.953	2087.067	2071.182	2051.045	2030.911
15	710.206	704.660	699.115	694.847	691.860	688.872	685.885	682.898	675.702	668.503
20	436.517	435.549	434.579	433.408	432.039	430.671	429.299	427.931	426.522	425.110
25	379.605	378.841	378.077	377.545	377.248	376.950	376.653	376.355	376.293	376.230
30	296.582	295.959	295.336	294.891	294.625	294.356	294.089	293.820	294.781	295.743
35	126.727	126.643	126.558	126.032	125.058	124.084	123.114	122.140	122.181	122.221
40	26.569	26.594	26.622	26.400	25.927	25.454	24.982	24.509	24.161	23.814
45	12.632	12.616	12.604	12.600	12.604	12.610	12.613	12.619	12.613	12.610
50	11.323	11.332	11.342	11.351	11.367	11.382	11.398	11.414	11.445	11.476
55	10.612	10.618	10.628	10.646	10.681	10.712	10.747	10.778	10.841	10.900
60	8.765	8.736	8.708	8.702	8.718	8.733	8.749	8.765	8.821	8.877
65	6.281	6.272	6.263	6.259	6.266	6.272	6.278	6.285	6.288	6.291
70	4.371	4.368	4.365	4.365	4.368	4.371	4.374	4.378	4.378	4.374
75	2.962	2.959	2.956	2.959	2.962	2.968	2.972	2.978	2.978	2.978
80	1.647	1.644	1.641	1.641	1.638	1.641	1.638	1.638	1.638	1.638
85	0.332	0.332	0.332	0.332	0.332	0.335	0.335	0.335	0.335	0.335
90	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138
95	0.332	0.332	0.332	0.332	0.332	0.335	0.335	0.335	0.335	0.335
100	1.647	1.644	1.641	1.641	1.638	1.641	1.638	1.638	1.638	1.638
105	2.962	2.959	2.956	2.959	2.962	2.968	2.972	2.978	2.978	2.978
110	4.371	4.368	4.365	4.365	4.368	4.371	4.374	4.378	4.378	4.374
115	6.281	6.272	6.263	6.259	6.266	6.272	6.278	6.285	6.288	6.291
120	8.765	8.736	8.708	8.702	8.718	8.733	8.749	8.765	8.821	8.877
125	10.612	10.618	10.628	10.646	10.681	10.712	10.747	10.778	10.841	10.900
130	11.323	11.332	11.342	11.351	11.367	11.382	11.398	11.414	11.445	11.476

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CANDELA TABULATION - (Cont.)

135	12.632	12.616	12.604	12.600	12.604	12.610	12.613	12.619	12.613	12.610
140	26.569	26.594	26.622	26.400	25.927	25.454	24.982	24.509	24.161	23.814
145	126.727	126.643	126.558	126.032	125.058	124.084	123.114	122.140	122.181	122.221
150	296.582	295.959	295.336	294.891	294.625	294.356	294.089	293.820	294.781	295.743
155	379.605	378.841	378.077	377.545	377.248	376.950	376.653	376.355	376.293	376.230
160	436.517	435.549	434.579	433.408	432.039	430.671	429.299	427.931	426.522	425.110
165	710.206	704.660	699.115	694.847	691.860	688.872	685.885	682.898	675.702	668.503
170	2162.451	2154.538	2146.625	2134.723	2118.838	2102.953	2087.067	2071.182	2051.045	2030.911
175	6662.761	6661.716	6660.673	6651.911	6635.425	6618.942	6602.456	6585.972	6580.521	6575.072
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6569.617	6564.166	6560.167	6557.618	6555.073	6552.524	6549.975	6552.524	6555.073	6557.618
10	2010.773	1990.636	1978.605	1974.679	1970.752	1966.825	1962.899	1966.825	1970.752	1974.679
15	661.307	654.109	650.072	649.199	648.322	647.448	646.571	647.448	648.322	649.199
20	423.701	422.288	421.687	421.891	422.094	422.298	422.501	422.298	422.094	421.891
25	376.164	376.102	376.208	376.487	376.762	377.041	377.316	377.041	376.762	376.487
30	296.704	297.665	298.354	298.768	299.184	299.597	300.011	299.597	299.184	298.768
35	122.262	122.303	122.184	121.908	121.636	121.360	121.085	121.360	121.636	121.908
40	23.466	23.118	22.830	22.596	22.361	22.126	21.891	22.126	22.361	22.596
45	12.604	12.600	12.594	12.588	12.578	12.572	12.566	12.572	12.578	12.588
50	11.508	11.539	11.564	11.583	11.598	11.617	11.636	11.617	11.598	11.583
55	10.963	11.022	11.075	11.116	11.157	11.198	11.238	11.198	11.157	11.116
60	8.937	8.993	9.031	9.049	9.071	9.090	9.109	9.090	9.071	9.049
65	6.294	6.297	6.306	6.322	6.338	6.353	6.369	6.353	6.338	6.322
70	4.374	4.371	4.371	4.374	4.374	4.378	4.378	4.378	4.374	4.374
75	2.981	2.981	2.984	2.987	2.990	2.997	3.000	2.997	2.990	2.987
80	1.635	1.635	1.635	1.635	1.638	1.638	1.638	1.638	1.638	1.635
85	0.338	0.338	0.338	0.338	0.344	0.344	0.344	0.344	0.344	0.338
90	0.132	0.132	0.132	0.132	0.125	0.125	0.125	0.125	0.125	0.132
95	0.338	0.338	0.338	0.338	0.344	0.344	0.344	0.344	0.344	0.338
100	1.635	1.635	1.635	1.635	1.638	1.638	1.638	1.638	1.638	1.635
105	2.981	2.981	2.984	2.987	2.990	2.997	3.000	2.997	2.990	2.987
110	4.374	4.371	4.371	4.374	4.374	4.378	4.378	4.378	4.374	4.374
115	6.294	6.297	6.306	6.322	6.338	6.353	6.369	6.353	6.338	6.322
120	8.937	8.993	9.031	9.049	9.071	9.090	9.109	9.090	9.071	9.049
125	10.963	11.022	11.075	11.116	11.157	11.198	11.238	11.198	11.157	11.116
130	11.508	11.539	11.564	11.583	11.598	11.617	11.636	11.617	11.598	11.583
135	12.604	12.600	12.594	12.588	12.578	12.572	12.566	12.572	12.578	12.588
140	23.466	23.118	22.830	22.596	22.361	22.126	21.891	22.126	22.361	22.596
145	122.262	122.303	122.184	121.908	121.636	121.360	121.085	121.360	121.636	121.908
150	296.704	297.665	298.354	298.768	299.184	299.597	300.011	299.597	299.184	298.768
155	376.164	376.102	376.208	376.487	376.762	377.041	377.316	377.041	376.762	376.487
160	423.701	422.288	421.687	421.891	422.094	422.298	422.501	422.298	422.094	421.891
165	661.307	654.109	650.072	649.199	648.322	647.448	646.571	647.448	648.322	649.199
170	2010.773	1990.636	1978.605	1974.679	1970.752	1966.825	1962.899	1966.825	1970.752	1974.679
175	6569.624	6564.172	6560.173	6557.625	6555.076	6552.530	6549.981	6552.530	6555.076	6557.625
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6560.167	6564.166	6569.617	6575.066	6580.518	6585.966	6602.449	6618.936	6635.419	6651.905
10	1978.605	1990.636	2010.773	2030.911	2051.045	2071.182	2087.067	2102.953	2118.838	2134.723
15	650.072	654.109	661.307	668.503	675.702	682.898	685.885	688.872	691.860	694.847
20	421.687	422.288	423.701	425.110	426.522	427.931	429.299	430.671	432.039	433.408
25	376.208	376.102	376.164	376.230	376.293	376.355	376.653	376.950	377.248	377.545
30	298.354	297.665	296.704	295.743	294.781	293.820	294.089	294.356	294.625	294.891
35	122.184	122.303	122.262	122.221	122.181	122.140	123.114	124.084	125.058	126.032
40	22.830	23.118	23.466	23.814	24.161	24.509	24.982	25.454	25.927	26.400
45	12.594	12.600	12.604	12.610	12.613	12.619	12.613	12.610	12.604	12.600
50	11.564	11.539	11.508	11.476	11.445	11.414	11.398	11.382	11.367	11.351
55	11.075	11.022	10.963	10.900	10.841	10.778	10.747	10.712	10.681	10.646
60	9.031	8.993	8.937	8.877	8.821	8.765	8.749	8.733	8.718	8.702
65	6.306	6.297	6.294	6.291	6.288	6.285	6.278	6.272	6.266	6.259
70	4.371	4.371	4.374	4.374	4.378	4.378	4.374	4.371	4.368	4.365
75	2.984	2.981	2.981	2.978	2.978	2.978	2.972	2.968	2.962	2.959
80	1.635	1.635	1.635	1.638	1.638	1.638	1.638	1.641	1.638	1.641
85	0.338	0.338	0.338	0.335	0.335	0.335	0.335	0.335	0.332	0.332
90	0.132	0.132	0.132	0.138	0.138	0.138	0.138	0.138	0.138	0.138
95	0.338	0.338	0.338	0.335	0.335	0.335	0.335	0.335	0.332	0.332
100	1.635	1.635	1.635	1.638	1.638	1.638	1.638	1.641	1.638	1.641
105	2.984	2.981	2.981	2.978	2.978	2.978	2.972	2.968	2.962	2.959
110	4.371	4.371	4.374	4.374	4.378	4.378	4.374	4.371	4.368	4.365
115	6.306	6.297	6.294	6.291	6.288	6.285	6.278	6.272	6.266	6.259
120	9.031	8.993	8.937	8.877	8.821	8.765	8.749	8.733	8.718	8.702
125	11.075	11.022	10.963	10.900	10.841	10.778	10.747	10.712	10.681	10.646
130	11.564	11.539	11.508	11.476	11.445	11.414	11.398	11.382	11.367	11.351
135	12.594	12.600	12.604	12.610	12.613	12.619	12.613	12.610	12.604	12.600
140	22.830	23.118	23.466	23.814	24.161	24.509	24.982	25.454	25.927	26.400
145	122.184	122.303	122.262	122.221	122.181	122.140	123.114	124.084	125.058	126.032
150	298.354	297.665	296.704	295.743	294.781	293.820	294.089	294.356	294.625	294.891
155	376.208	376.102	376.164	376.230	376.293	376.355	376.653	376.950	377.248	377.545
160	421.687	422.288	423.701	425.110	426.522	427.931	429.299	430.671	432.039	433.408
165	650.072	654.109	661.307	668.503	675.702	682.898	685.885	688.872	691.860	694.847
170	1978.605	1990.636	2010.773	2030.911	2051.045	2071.182	2087.067	2102.953	2118.838	2134.723
175	6560.173	6564.172	6569.624	6575.072	6580.521	6585.972	6602.456	6618.942	6635.425	6651.911
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6660.670	6661.712	6662.755	6663.798	6664.841	6663.798	6662.755	6661.712	6660.670	6651.905
10	2146.625	2154.538	2162.451	2170.363	2178.276	2170.363	2162.451	2154.538	2146.625	2134.723
15	699.115	704.660	710.206	715.755	721.300	715.755	710.206	704.660	699.115	694.847
20	434.579	435.549	436.517	437.488	438.458	437.488	436.517	435.549	434.579	433.408
25	378.077	378.841	379.605	380.369	381.134	380.369	379.605	378.841	378.077	377.545
30	295.336	295.959	296.582	297.205	297.828	297.205	296.582	295.959	295.336	294.891
35	126.558	126.643	126.727	126.809	126.893	126.809	126.727	126.643	126.558	126.032
40	26.622	26.594	26.569	26.541	26.516	26.541	26.569	26.594	26.622	26.400
45	12.604	12.616	12.632	12.644	12.657	12.644	12.632	12.616	12.604	12.600
50	11.342	11.332	11.323	11.317	11.307	11.317	11.323	11.332	11.342	11.351
55	10.628	10.618	10.612	10.603	10.596	10.603	10.612	10.618	10.628	10.646
60	8.708	8.736	8.765	8.793	8.821	8.793	8.765	8.736	8.708	8.702
65	6.263	6.272	6.281	6.294	6.303	6.294	6.281	6.272	6.263	6.259
70	4.365	4.368	4.371	4.374	4.378	4.374	4.371	4.368	4.365	4.365
75	2.956	2.959	2.962	2.962	2.965	2.962	2.962	2.959	2.956	2.959

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.641	1.644	1.647	1.647	1.650	1.647	1.647	1.644	1.641	1.641
85	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
90	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138
95	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
100	1.641	1.644	1.647	1.647	1.650	1.647	1.647	1.644	1.641	1.641
105	2.956	2.959	2.962	2.962	2.965	2.962	2.962	2.959	2.956	2.959
110	4.365	4.368	4.371	4.374	4.378	4.374	4.371	4.368	4.365	4.365
115	6.263	6.272	6.281	6.294	6.303	6.294	6.281	6.272	6.263	6.259
120	8.708	8.736	8.765	8.793	8.821	8.793	8.765	8.736	8.708	8.702
125	10.628	10.618	10.612	10.603	10.596	10.603	10.612	10.618	10.628	10.646
130	11.342	11.332	11.323	11.317	11.307	11.317	11.323	11.332	11.342	11.351
135	12.604	12.616	12.632	12.644	12.657	12.644	12.632	12.616	12.604	12.600
140	26.622	26.594	26.569	26.541	26.516	26.541	26.569	26.594	26.622	26.400
145	126.558	126.643	126.727	126.809	126.893	126.809	126.727	126.643	126.558	126.032
150	295.336	295.959	296.582	297.205	297.828	297.205	296.582	295.959	295.336	294.891
155	378.077	378.841	379.605	380.369	381.134	380.369	379.605	378.841	378.077	377.545
160	434.579	435.549	436.517	437.488	438.458	437.488	436.517	435.549	434.579	433.408
165	699.115	704.660	710.206	715.755	721.300	715.755	710.206	704.660	699.115	694.847
170	2146.625	2154.538	2162.451	2170.363	2178.276	2170.363	2162.451	2154.538	2146.625	2134.723
175	6660.673	6661.716	6662.761	6663.804	6664.847	6663.804	6662.761	6661.719	6660.673	6651.911
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

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	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979	9675.979
5	6635.419	6618.936	6602.449	6585.966	6580.518	6575.066	6569.617	6564.166	6560.167	6557.618
10	2118.838	2102.953	2087.067	2071.182	2051.045	2030.911	2010.773	1990.636	1978.605	1974.679
15	691.860	688.872	685.885	682.898	675.702	668.503	661.307	654.109	650.072	649.199
20	432.039	430.671	429.299	427.931	426.522	425.110	423.701	422.288	421.687	421.891
25	377.248	376.950	376.653	376.355	376.293	376.230	376.164	376.102	376.208	376.487
30	294.625	294.356	294.089	293.820	294.781	295.743	296.704	297.665	298.354	298.768
35	125.058	124.084	123.114	122.140	122.181	122.221	122.262	122.303	122.184	121.908
40	25.927	25.454	24.982	24.509	24.161	23.814	23.466	23.118	22.830	22.596
45	12.604	12.610	12.613	12.619	12.613	12.610	12.604	12.600	12.594	12.588
50	11.367	11.382	11.398	11.414	11.445	11.476	11.508	11.539	11.564	11.583
55	10.681	10.712	10.747	10.778	10.841	10.900	10.963	11.022	11.075	11.116
60	8.718	8.733	8.749	8.765	8.821	8.877	8.937	8.993	9.031	9.049
65	6.266	6.272	6.278	6.285	6.288	6.291	6.294	6.297	6.306	6.322
70	4.368	4.371	4.374	4.378	4.378	4.374	4.374	4.371	4.371	4.374
75	2.962	2.968	2.972	2.978	2.978	2.978	2.981	2.981	2.984	2.987
80	1.638	1.641	1.638	1.638	1.638	1.638	1.635	1.635	1.635	1.635
85	0.332	0.335	0.335	0.335	0.335	0.335	0.338	0.338	0.338	0.338
90	0.138	0.138	0.138	0.138	0.138	0.138	0.132	0.132	0.132	0.132
95	0.332	0.335	0.335	0.335	0.335	0.335	0.338	0.338	0.338	0.338
100	1.638	1.641	1.638	1.638	1.638	1.638	1.635	1.635	1.635	1.635
105	2.962	2.968	2.972	2.978	2.978	2.978	2.981	2.981	2.984	2.987
110	4.368	4.371	4.374	4.378	4.378	4.374	4.374	4.371	4.371	4.374
115	6.266	6.272	6.278	6.285	6.288	6.291	6.294	6.297	6.306	6.322
120	8.718	8.733	8.749	8.765	8.821	8.877	8.937	8.993	9.031	9.049
125	10.681	10.712	10.747	10.778	10.841	10.900	10.963	11.022	11.075	11.116
130	11.367	11.382	11.398	11.414	11.445	11.476	11.508	11.539	11.564	11.583
135	12.604	12.610	12.613	12.619	12.613	12.610	12.604	12.600	12.594	12.588
140	25.927	25.454	24.982	24.509	24.161	23.814	23.466	23.118	22.830	22.596
145	125.058	124.084	123.114	122.140	122.181	122.221	122.262	122.303	122.184	121.908
150	294.625	294.356	294.089	293.820	294.781	295.743	296.704	297.665	298.354	298.768

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

155	377.248	376.950	376.653	376.355	376.293	376.230	376.164	376.102	376.208	376.487
160	432.039	430.671	429.299	427.931	426.522	425.110	423.701	422.288	421.687	421.891
165	691.860	688.872	685.885	682.898	675.702	668.503	661.307	654.109	650.072	649.199
170	2118.838	2102.953	2087.067	2071.182	2051.045	2030.911	2010.773	1990.636	1978.605	1974.679
175	6635.425	6618.942	6602.456	6585.972	6580.524	6575.072	6569.624	6564.172	6560.173	6557.625
180	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744	9675.744

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	9675.979	9675.979	9675.979
5	6555.073	6552.524	6549.975
10	1970.752	1966.825	1962.899
15	648.322	647.448	646.571
20	422.094	422.298	422.501
25	376.762	377.041	377.316
30	299.184	299.597	300.011
35	121.636	121.360	121.085
40	22.361	22.126	21.891
45	12.578	12.572	12.566
50	11.598	11.617	11.636
55	11.157	11.198	11.238
60	9.071	9.090	9.109
65	6.338	6.353	6.369
70	4.374	4.378	4.378
75	2.990	2.997	3.000
80	1.638	1.638	1.638
85	0.344	0.344	0.344
90	0.125	0.125	0.125
95	0.344	0.344	0.344
100	1.638	1.638	1.638
105	2.990	2.997	3.000
110	4.374	4.378	4.378
115	6.338	6.353	6.369
120	9.071	9.090	9.109
125	11.157	11.198	11.238
130	11.598	11.617	11.636
135	12.578	12.572	12.566
140	22.361	22.126	21.891
145	121.636	121.360	121.085
150	299.184	299.597	300.011
155	376.762	377.041	377.316
160	422.094	422.298	422.501
165	648.322	647.448	646.571
170	1970.752	1966.825	1962.899
175	6555.079	6552.530	6549.981
180	9675.744	9675.744	9675.744

COEFFICIENTS OF UTILIZATION



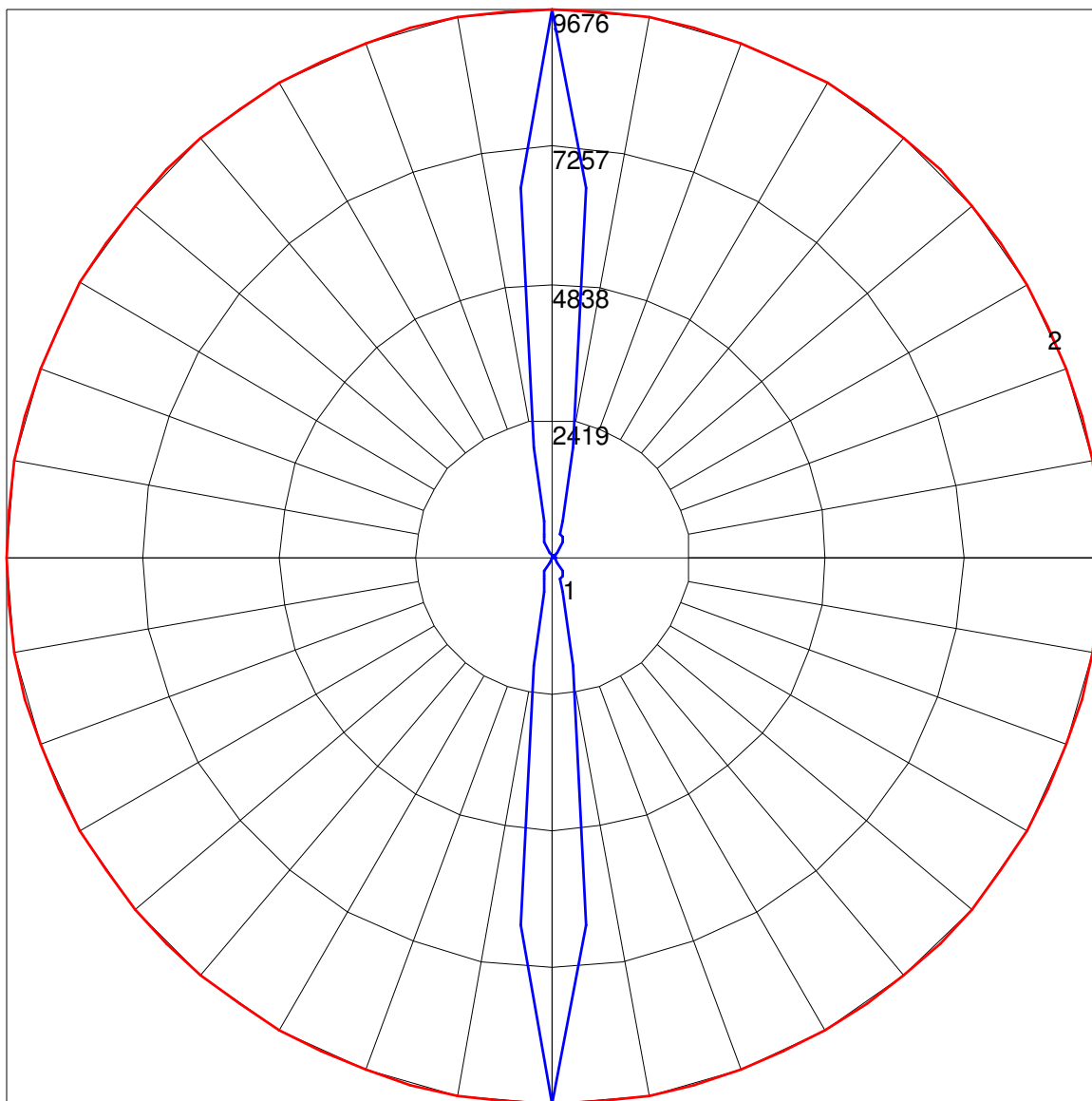
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	523.3	25.0
Downward House Side	523.3	25.0
Downward Total	1046.6	50.0
Upward Street Side	523.3	25.0
Upward House Side	523.3	25.0
Upward Total	1046.6	50.0
Total Flux	2093.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9675.979 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

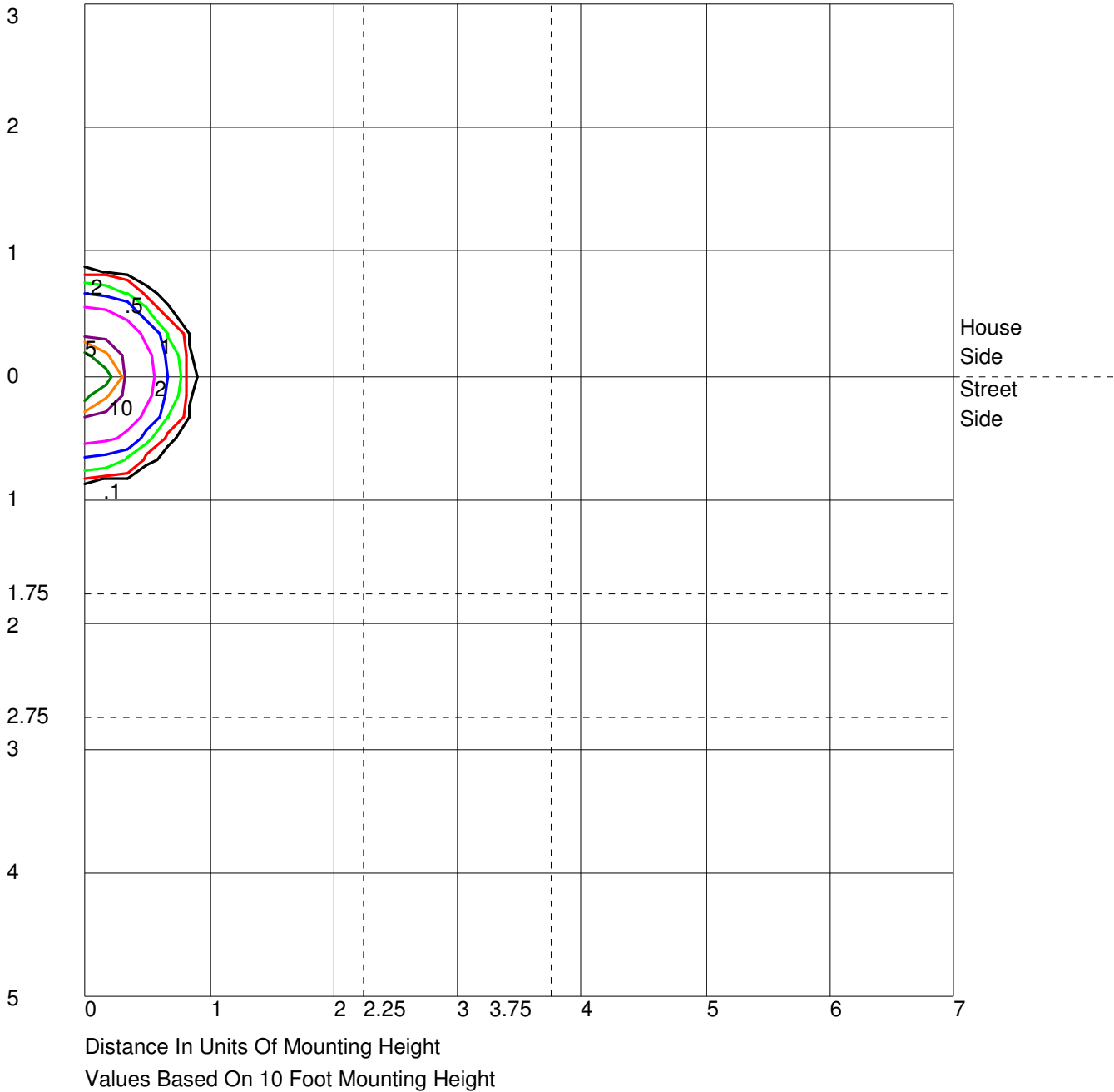


PHOTO LUMENS

