

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-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-L10-927U-L10-927D-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	1782
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2570.226
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2570.226
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.157 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.812 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	348.2	N.A.	19.5
FM - Front-Medium (30-60)	90.3	N.A.	5.1
FH - Front-High (60-80)	6.5	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	348.2	N.A.	19.5
BM - Back-Medium (30-60)	90.3	N.A.	5.1
BH - Back-High (60-80)	6.5	N.A.	0.4
BVH - Back-Very High (80-90)	0.4	N.A.	0.0
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	890.1	N.A.	50.0
Total	1781.6	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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2213.155	2213.048	2212.941	2212.831	2212.724	2212.853	2213.218	2213.579	2213.944	2214.309
10	1466.196	1466.627	1467.061	1467.492	1467.923	1469.071	1470.933	1472.795	1474.657	1476.519
15	917.053	917.141	917.226	917.314	917.399	918.060	919.293	920.526	921.759	922.992
20	643.065	643.160	643.254	643.345	643.440	643.779	644.361	644.946	645.528	646.113
25	513.892	513.509	513.122	512.738	512.351	512.109	512.011	511.911	511.813	511.712
30	390.249	389.809	389.371	388.931	388.494	387.648	386.393	385.138	383.886	382.631
35	183.913	184.004	184.098	184.189	184.281	184.416	184.592	184.768	184.944	185.120
40	66.088	66.327	66.567	66.809	67.048	67.469	68.073	68.674	69.278	69.882
45	41.878	41.932	41.985	42.039	42.092	42.180	42.303	42.425	42.548	42.671
50	29.007	29.045	29.083	29.123	29.161	29.224	29.312	29.403	29.491	29.580
55	19.794	19.816	19.838	19.860	19.882	19.926	19.986	20.049	20.109	20.172
60	13.066	13.082	13.098	13.113	13.129	13.154	13.195	13.236	13.277	13.318
65	8.757	8.760	8.766	8.769	8.773	8.788	8.813	8.839	8.864	8.889
70	5.857	5.857	5.860	5.860	5.863	5.869	5.879	5.891	5.901	5.913
75	3.668	3.664	3.664	3.661	3.658	3.658	3.661	3.664	3.668	3.671
80	1.780	1.780	1.780	1.783	1.783	1.787	1.790	1.793	1.799	1.802
85	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
90	0.138	0.138	0.138	0.145	0.145	0.145	0.145	0.151	0.151	0.151
95	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
100	1.780	1.780	1.780	1.783	1.783	1.787	1.790	1.793	1.799	1.802
105	3.668	3.664	3.664	3.661	3.658	3.658	3.661	3.664	3.668	3.671
110	5.857	5.857	5.860	5.860	5.863	5.869	5.879	5.891	5.901	5.913
115	8.757	8.760	8.766	8.769	8.773	8.788	8.813	8.839	8.864	8.889
120	13.066	13.082	13.098	13.113	13.129	13.154	13.195	13.236	13.277	13.318
125	19.794	19.816	19.838	19.860	19.882	19.926	19.986	20.049	20.109	20.172
130	29.007	29.045	29.083	29.123	29.161	29.224	29.312	29.403	29.491	29.580
135	41.878	41.932	41.985	42.039	42.092	42.180	42.303	42.425	42.548	42.671
140	66.088	66.327	66.567	66.809	67.048	67.469	68.073	68.674	69.278	69.882
145	183.913	184.004	184.098	184.189	184.281	184.416	184.592	184.768	184.944	185.120
150	390.249	389.809	389.371	388.931	388.494	387.648	386.393	385.138	383.886	382.631
155	513.892	513.509	513.122	512.738	512.351	512.109	512.011	511.911	511.813	511.712
160	643.065	643.160	643.254	643.345	643.440	643.779	644.361	644.946	645.528	646.113
165	917.053	917.141	917.226	917.314	917.399	918.060	919.293	920.526	921.759	922.992
170	1466.196	1466.627	1467.061	1467.492	1467.923	1469.071	1470.933	1472.795	1474.657	1476.519
175	2213.155	2213.048	2212.941	2212.834	2212.724	2212.853	2213.218	2213.582	2213.944	2214.309
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2214.344	2214.378	2214.413	2214.447	2214.542	2214.693	2214.847	2214.998	2215.149	2214.998
10	1478.684	1480.851	1483.015	1485.182	1486.874	1488.091	1489.312	1490.529	1491.750	1490.529
15	924.615	926.238	927.858	929.481	930.739	931.629	932.519	933.413	934.303	933.413
20	646.855	647.595	648.337	649.076	649.702	650.212	650.718	651.228	651.737	651.228
25	511.870	512.024	512.181	512.335	512.615	513.018	513.420	513.823	514.226	513.823
30	382.873	383.112	383.354	383.596	383.952	384.421	384.889	385.358	385.827	385.358
35	185.885	186.646	187.410	188.175	188.643	188.823	189.002	189.181	189.361	189.181
40	70.196	70.514	70.829	71.146	71.448	71.738	72.027	72.316	72.606	72.316
45	42.702	42.737	42.768	42.803	42.834	42.866	42.894	42.926	42.957	42.926
50	29.633	29.686	29.740	29.793	29.831	29.853	29.878	29.900	29.926	29.900
55	20.216	20.263	20.307	20.354	20.385	20.407	20.429	20.448	20.470	20.448

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CANDELA TABULATION - (Cont.)

60	13.346	13.371	13.399	13.428	13.450	13.466	13.484	13.500	13.519	13.500
65	8.902	8.914	8.924	8.936	8.946	8.949	8.955	8.958	8.964	8.958
70	5.917	5.923	5.926	5.929	5.932	5.929	5.929	5.926	5.926	5.926
75	3.674	3.674	3.677	3.680	3.680	3.677	3.674	3.671	3.668	3.671
80	1.805	1.809	1.809	1.812	1.812	1.812	1.809	1.809	1.809	1.809
85	0.384	0.384	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
90	0.151	0.151	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157
95	0.384	0.384	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
100	1.805	1.809	1.809	1.812	1.812	1.812	1.809	1.809	1.809	1.809
105	3.674	3.674	3.677	3.680	3.680	3.677	3.674	3.671	3.668	3.671
110	5.917	5.923	5.926	5.929	5.932	5.929	5.929	5.926	5.926	5.926
115	8.902	8.914	8.924	8.936	8.946	8.949	8.955	8.958	8.964	8.958
120	13.346	13.371	13.399	13.428	13.450	13.466	13.484	13.500	13.519	13.500
125	20.216	20.263	20.307	20.354	20.385	20.407	20.429	20.448	20.470	20.448
130	29.633	29.686	29.740	29.793	29.831	29.853	29.878	29.900	29.926	29.900
135	42.702	42.737	42.768	42.803	42.834	42.866	42.894	42.926	42.957	42.926
140	70.196	70.514	70.829	71.146	71.448	71.738	72.027	72.316	72.606	72.316
145	185.885	186.646	187.410	188.175	188.643	188.823	189.002	189.181	189.361	189.181
150	382.873	383.112	383.354	383.596	383.952	384.421	384.889	385.358	385.827	385.358
155	511.870	512.024	512.181	512.335	512.615	513.018	513.420	513.823	514.226	513.823
160	646.855	647.595	648.337	649.076	649.702	650.212	650.718	651.228	651.737	651.228
165	924.615	926.238	927.858	929.481	930.739	931.629	932.519	933.413	934.303	933.413
170	1478.684	1480.851	1483.015	1485.182	1486.874	1488.091	1489.312	1490.529	1491.750	1490.529
175	2214.344	2214.378	2214.416	2214.451	2214.542	2214.696	2214.847	2214.998	2215.149	2214.998
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2214.847	2214.693	2214.542	2214.447	2214.413	2214.378	2214.344	2214.309	2213.944	2213.579
10	1489.312	1488.091	1486.874	1485.182	1483.015	1480.851	1478.684	1476.519	1474.657	1472.795
15	932.519	931.629	930.739	929.481	927.858	926.238	924.615	922.992	921.759	920.526
20	650.718	650.212	649.702	649.076	648.337	647.595	646.855	646.113	645.528	644.946
25	513.420	513.018	512.615	512.335	512.181	512.024	511.870	511.712	511.813	511.911
30	384.889	384.421	383.952	383.596	383.354	383.112	382.873	382.631	383.886	385.138
35	189.002	188.823	188.643	188.175	187.410	186.646	185.885	185.120	184.944	184.768
40	72.027	71.738	71.448	71.146	70.829	70.514	70.196	69.882	69.278	68.674
45	42.894	42.866	42.834	42.803	42.768	42.737	42.702	42.671	42.548	42.425
50	29.878	29.853	29.831	29.793	29.740	29.686	29.633	29.580	29.491	29.403
55	20.429	20.407	20.385	20.354	20.307	20.263	20.216	20.172	20.109	20.049
60	13.484	13.466	13.450	13.428	13.399	13.371	13.346	13.318	13.277	13.236
65	8.955	8.949	8.946	8.936	8.924	8.914	8.902	8.889	8.864	8.839
70	5.929	5.929	5.932	5.929	5.926	5.923	5.917	5.913	5.901	5.891
75	3.674	3.677	3.680	3.680	3.677	3.674	3.674	3.671	3.668	3.664
80	1.809	1.812	1.812	1.812	1.809	1.809	1.805	1.802	1.799	1.793
85	0.381	0.381	0.381	0.381	0.381	0.384	0.384	0.384	0.384	0.384
90	0.157	0.157	0.157	0.157	0.157	0.151	0.151	0.151	0.151	0.151
95	0.381	0.381	0.381	0.381	0.381	0.384	0.384	0.384	0.384	0.384
100	1.809	1.812	1.812	1.812	1.809	1.809	1.805	1.802	1.799	1.793
105	3.674	3.677	3.680	3.680	3.677	3.674	3.674	3.671	3.668	3.664
110	5.929	5.929	5.932	5.929	5.926	5.923	5.917	5.913	5.901	5.891
115	8.955	8.949	8.946	8.936	8.924	8.914	8.902	8.889	8.864	8.839
120	13.484	13.466	13.450	13.428	13.399	13.371	13.346	13.318	13.277	13.236
125	20.429	20.407	20.385	20.354	20.307	20.263	20.216	20.172	20.109	20.049
130	29.878	29.853	29.831	29.793	29.740	29.686	29.633	29.580	29.491	29.403

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CANDELA TABULATION - (Cont.)

135	42.894	42.866	42.834	42.803	42.768	42.737	42.702	42.671	42.548	42.425
140	72.027	71.738	71.448	71.146	70.829	70.514	70.196	69.882	69.278	68.674
145	189.002	188.823	188.643	188.175	187.410	186.646	185.885	185.120	184.944	184.768
150	384.889	384.421	383.952	383.596	383.354	383.112	382.873	382.631	383.886	385.138
155	513.420	513.018	512.615	512.335	512.181	512.024	511.870	511.712	511.813	511.911
160	650.718	650.212	649.702	649.076	648.337	647.595	646.855	646.113	645.528	644.946
165	932.519	931.629	930.739	929.481	927.858	926.238	924.615	922.992	921.759	920.526
170	1489.312	1488.091	1486.874	1485.182	1483.015	1480.851	1478.684	1476.519	1474.657	1472.795
175	2214.847	2214.696	2214.542	2214.451	2214.416	2214.378	2214.344	2214.309	2213.944	2213.582
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2213.218	2212.853	2212.724	2212.831	2212.941	2213.048	2213.155	2213.048	2212.941	2212.831
10	1470.933	1469.071	1467.923	1467.492	1467.061	1466.627	1466.196	1466.627	1467.061	1467.492
15	919.293	918.060	917.399	917.314	917.226	917.141	917.053	917.141	917.226	917.314
20	644.361	643.779	643.440	643.345	643.254	643.160	643.065	643.160	643.254	643.345
25	512.011	512.109	512.351	512.738	513.122	513.509	513.892	513.509	513.122	512.738
30	386.393	387.648	388.494	388.931	389.371	389.809	390.249	389.809	389.371	388.931
35	184.592	184.416	184.281	184.189	184.098	184.004	183.913	184.004	184.098	184.189
40	68.073	67.469	67.048	66.809	66.567	66.327	66.088	66.327	66.567	66.809
45	42.303	42.180	42.092	42.039	41.985	41.932	41.878	41.932	41.985	42.039
50	29.312	29.224	29.161	29.123	29.083	29.045	29.007	29.045	29.083	29.123
55	19.986	19.926	19.882	19.860	19.838	19.816	19.794	19.816	19.838	19.860
60	13.195	13.154	13.129	13.113	13.098	13.082	13.066	13.082	13.098	13.113
65	8.813	8.788	8.773	8.769	8.766	8.760	8.757	8.760	8.766	8.769
70	5.879	5.869	5.863	5.860	5.860	5.857	5.857	5.857	5.860	5.860
75	3.661	3.658	3.658	3.661	3.664	3.664	3.668	3.664	3.664	3.661
80	1.790	1.787	1.783	1.783	1.780	1.780	1.780	1.780	1.780	1.783
85	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
90	0.145	0.145	0.145	0.145	0.138	0.138	0.138	0.138	0.138	0.145
95	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
100	1.790	1.787	1.783	1.783	1.780	1.780	1.780	1.780	1.780	1.783
105	3.661	3.658	3.658	3.661	3.664	3.664	3.668	3.664	3.664	3.661
110	5.879	5.869	5.863	5.860	5.860	5.857	5.857	5.857	5.860	5.860
115	8.813	8.788	8.773	8.769	8.766	8.760	8.757	8.760	8.766	8.769
120	13.195	13.154	13.129	13.113	13.098	13.082	13.066	13.082	13.098	13.113
125	19.986	19.926	19.882	19.860	19.838	19.816	19.794	19.816	19.838	19.860
130	29.312	29.224	29.161	29.123	29.083	29.045	29.007	29.045	29.083	29.123
135	42.303	42.180	42.092	42.039	41.985	41.932	41.878	41.932	41.985	42.039
140	68.073	67.469	67.048	66.809	66.567	66.327	66.088	66.327	66.567	66.809
145	184.592	184.416	184.281	184.189	184.098	184.004	183.913	184.004	184.098	184.189
150	386.393	387.648	388.494	388.931	389.371	389.809	390.249	389.809	389.371	388.931
155	512.011	512.109	512.351	512.738	513.122	513.509	513.892	513.509	513.122	512.738
160	644.361	643.779	643.440	643.345	643.254	643.160	643.065	643.160	643.254	643.345
165	919.293	918.060	917.399	917.314	917.226	917.141	917.053	917.141	917.226	917.314
170	1470.933	1469.071	1467.923	1467.492	1467.061	1466.627	1466.196	1466.627	1467.061	1467.492
175	2213.218	2212.853	2212.724	2212.834	2212.941	2213.048	2213.155	2213.048	2212.941	2212.834
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2212.724	2212.853	2213.218	2213.579	2213.944	2214.309	2214.344	2214.378	2214.413	2214.447
10	1467.923	1469.071	1470.933	1472.795	1474.657	1476.519	1478.684	1480.851	1483.015	1485.182
15	917.399	918.060	919.293	920.526	921.759	922.992	924.615	926.238	927.858	929.481
20	643.440	643.779	644.361	644.946	645.528	646.113	646.855	647.595	648.337	649.076
25	512.351	512.109	512.011	511.911	511.813	511.712	511.870	512.024	512.181	512.335
30	388.494	387.648	386.393	385.138	383.886	382.631	382.873	383.112	383.354	383.596
35	184.281	184.416	184.592	184.768	184.944	185.120	185.885	186.646	187.410	188.175
40	67.048	67.469	68.073	68.674	69.278	69.882	70.196	70.514	70.829	71.146
45	42.092	42.180	42.303	42.425	42.548	42.671	42.702	42.737	42.768	42.803
50	29.161	29.224	29.312	29.403	29.491	29.580	29.633	29.686	29.740	29.793
55	19.882	19.926	19.986	20.049	20.109	20.172	20.216	20.263	20.307	20.354
60	13.129	13.154	13.195	13.236	13.277	13.318	13.346	13.371	13.399	13.428
65	8.773	8.788	8.813	8.839	8.864	8.889	8.902	8.914	8.924	8.936
70	5.863	5.869	5.879	5.891	5.901	5.913	5.917	5.923	5.926	5.929
75	3.658	3.658	3.661	3.664	3.668	3.671	3.674	3.674	3.677	3.680
80	1.783	1.787	1.790	1.793	1.799	1.802	1.805	1.809	1.809	1.812
85	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.381	0.381
90	0.145	0.145	0.145	0.151	0.151	0.151	0.151	0.151	0.157	0.157
95	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.381	0.381
100	1.783	1.787	1.790	1.793	1.799	1.802	1.805	1.809	1.809	1.812
105	3.658	3.658	3.661	3.664	3.668	3.671	3.674	3.674	3.677	3.680
110	5.863	5.869	5.879	5.891	5.901	5.913	5.917	5.923	5.926	5.929
115	8.773	8.788	8.813	8.839	8.864	8.889	8.902	8.914	8.924	8.936
120	13.129	13.154	13.195	13.236	13.277	13.318	13.346	13.371	13.399	13.428
125	19.882	19.926	19.986	20.049	20.109	20.172	20.216	20.263	20.307	20.354
130	29.161	29.224	29.312	29.403	29.491	29.580	29.633	29.686	29.740	29.793
135	42.092	42.180	42.303	42.425	42.548	42.671	42.702	42.737	42.768	42.803
140	67.048	67.469	68.073	68.674	69.278	69.882	70.196	70.514	70.829	71.146
145	184.281	184.416	184.592	184.768	184.944	185.120	185.885	186.646	187.410	188.175
150	388.494	387.648	386.393	385.138	383.886	382.631	382.873	383.112	383.354	383.596
155	512.351	512.109	512.011	511.911	511.813	511.712	511.870	512.024	512.181	512.335
160	643.440	643.779	644.361	644.946	645.528	646.113	646.855	647.595	648.337	649.076
165	917.399	918.060	919.293	920.526	921.759	922.992	924.615	926.238	927.858	929.481
170	1467.923	1469.071	1470.933	1472.795	1474.657	1476.519	1478.684	1480.851	1483.015	1485.182
175	2212.724	2212.853	2213.218	2213.582	2213.944	2214.309	2214.344	2214.378	2214.416	2214.451
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2214.542	2214.693	2214.847	2214.998	2215.149	2214.998	2214.847	2214.693	2214.542	2214.447
10	1486.874	1488.091	1489.312	1490.529	1491.750	1490.529	1489.312	1488.091	1486.874	1485.182
15	930.739	931.629	932.519	933.413	934.303	933.413	932.519	931.629	930.739	929.481
20	649.702	650.212	650.718	651.228	651.737	651.228	650.718	650.212	649.702	649.076
25	512.615	513.018	513.420	513.823	514.226	513.823	513.420	513.018	512.615	512.335
30	383.952	384.421	384.889	385.358	385.827	385.358	384.889	384.421	383.952	383.596
35	188.643	188.823	189.002	189.181	189.361	189.181	189.002	188.823	188.643	188.175
40	71.448	71.738	72.027	72.316	72.606	72.316	72.027	71.738	71.448	71.146
45	42.834	42.866	42.894	42.926	42.957	42.926	42.894	42.866	42.834	42.803
50	29.831	29.853	29.878	29.900	29.926	29.900	29.878	29.853	29.831	29.793
55	20.385	20.407	20.429	20.448	20.470	20.448	20.429	20.407	20.385	20.354
60	13.450	13.466	13.484	13.500	13.519	13.500	13.484	13.466	13.450	13.428
65	8.946	8.949	8.955	8.958	8.964	8.958	8.955	8.949	8.946	8.936
70	5.932	5.929	5.929	5.926	5.926	5.926	5.929	5.929	5.932	5.929
75	3.680	3.677	3.674	3.671	3.668	3.671	3.674	3.677	3.680	3.680

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.812	1.812	1.809	1.809	1.809	1.809	1.809	1.812	1.812	1.812
85	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
90	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157
95	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
100	1.812	1.812	1.809	1.809	1.809	1.809	1.809	1.812	1.812	1.812
105	3.680	3.677	3.674	3.671	3.668	3.671	3.674	3.677	3.680	3.680
110	5.932	5.929	5.929	5.926	5.926	5.926	5.929	5.929	5.932	5.929
115	8.946	8.949	8.955	8.958	8.964	8.958	8.955	8.949	8.946	8.936
120	13.450	13.466	13.484	13.500	13.519	13.500	13.484	13.466	13.450	13.428
125	20.385	20.407	20.429	20.448	20.470	20.448	20.429	20.407	20.385	20.354
130	29.831	29.853	29.878	29.900	29.926	29.900	29.878	29.853	29.831	29.793
135	42.834	42.866	42.894	42.926	42.957	42.926	42.894	42.866	42.834	42.803
140	71.448	71.738	72.027	72.316	72.606	72.316	72.027	71.738	71.448	71.146
145	188.643	188.823	189.002	189.181	189.361	189.181	189.002	188.823	188.643	188.175
150	383.952	384.421	384.889	385.358	385.827	385.358	384.889	384.421	383.952	383.596
155	512.615	513.018	513.420	513.823	514.226	513.823	513.420	513.018	512.615	512.335
160	649.702	650.212	650.718	651.228	651.737	651.228	650.718	650.212	649.702	649.076
165	930.739	931.629	932.519	933.413	934.303	933.413	932.519	931.629	930.739	929.481
170	1486.874	1488.091	1489.312	1490.529	1491.750	1490.529	1489.312	1488.091	1486.874	1485.182
175	2214.542	2214.696	2214.847	2214.998	2215.149	2214.998	2214.847	2214.696	2214.542	2214.451
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

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	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226	2570.226
5	2214.413	2214.378	2214.344	2214.309	2213.944	2213.579	2213.218	2212.853	2212.724	2212.831
10	1483.015	1480.851	1478.684	1476.519	1474.657	1472.795	1470.933	1469.071	1467.923	1467.492
15	927.858	926.238	924.615	922.992	921.759	920.526	919.293	918.060	917.399	917.314
20	648.337	647.595	646.855	646.113	645.528	644.946	644.361	643.779	643.440	643.345
25	512.181	512.024	511.870	511.712	511.813	511.911	512.011	512.109	512.351	512.738
30	383.354	383.112	382.873	382.631	383.886	385.138	386.393	387.648	388.494	388.931
35	187.410	186.646	185.885	185.120	184.944	184.768	184.592	184.416	184.281	184.189
40	70.829	70.514	70.196	69.882	69.278	68.674	68.073	67.469	67.048	66.809
45	42.768	42.737	42.702	42.671	42.548	42.425	42.303	42.180	42.092	42.039
50	29.740	29.686	29.633	29.580	29.491	29.403	29.312	29.224	29.161	29.123
55	20.307	20.263	20.216	20.172	20.109	20.049	19.986	19.926	19.882	19.860
60	13.399	13.371	13.346	13.318	13.277	13.236	13.195	13.154	13.129	13.113
65	8.924	8.914	8.902	8.889	8.864	8.839	8.813	8.788	8.773	8.769
70	5.926	5.923	5.917	5.913	5.901	5.891	5.879	5.869	5.863	5.860
75	3.677	3.674	3.674	3.671	3.668	3.664	3.661	3.658	3.658	3.661
80	1.809	1.809	1.805	1.802	1.799	1.793	1.790	1.787	1.783	1.783
85	0.381	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
90	0.157	0.151	0.151	0.151	0.151	0.151	0.145	0.145	0.145	0.145
95	0.381	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
100	1.809	1.809	1.805	1.802	1.799	1.793	1.790	1.787	1.783	1.783
105	3.677	3.674	3.674	3.671	3.668	3.664	3.661	3.658	3.658	3.661
110	5.926	5.923	5.917	5.913	5.901	5.891	5.879	5.869	5.863	5.860
115	8.924	8.914	8.902	8.889	8.864	8.839	8.813	8.788	8.773	8.769
120	13.399	13.371	13.346	13.318	13.277	13.236	13.195	13.154	13.129	13.113
125	20.307	20.263	20.216	20.172	20.109	20.049	19.986	19.926	19.882	19.860
130	29.740	29.686	29.633	29.580	29.491	29.403	29.312	29.224	29.161	29.123
135	42.768	42.737	42.702	42.671	42.548	42.425	42.303	42.180	42.092	42.039
140	70.829	70.514	70.196	69.882	69.278	68.674	68.073	67.469	67.048	66.809
145	187.410	186.646	185.885	185.120	184.944	184.768	184.592	184.416	184.281	184.189
150	383.354	383.112	382.873	382.631	383.886	385.138	386.393	387.648	388.494	388.931

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

155	512.181	512.024	511.870	511.712	511.813	511.911	512.011	512.109	512.351	512.738
160	648.337	647.595	646.855	646.113	645.528	644.946	644.361	643.779	643.440	643.345
165	927.858	926.238	924.615	922.992	921.759	920.526	919.293	918.060	917.399	917.314
170	1483.015	1480.851	1478.684	1476.519	1474.657	1472.795	1470.933	1469.071	1467.923	1467.492
175	2214.416	2214.378	2214.344	2214.309	2213.944	2213.582	2213.218	2212.853	2212.724	2212.834
180	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122	2570.122

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	2570.226	2570.226	2570.226
5	2212.941	2213.048	2213.155
10	1467.061	1466.627	1466.196
15	917.226	917.141	917.053
20	643.254	643.160	643.065
25	513.122	513.509	513.892
30	389.371	389.809	390.249
35	184.098	184.004	183.913
40	66.567	66.327	66.088
45	41.985	41.932	41.878
50	29.083	29.045	29.007
55	19.838	19.816	19.794
60	13.098	13.082	13.066
65	8.766	8.760	8.757
70	5.860	5.857	5.857
75	3.664	3.664	3.668
80	1.780	1.780	1.780
85	0.384	0.384	0.384
90	0.138	0.138	0.138
95	0.384	0.384	0.384
100	1.780	1.780	1.780
105	3.664	3.664	3.668
110	5.860	5.857	5.857
115	8.766	8.760	8.757
120	13.098	13.082	13.066
125	19.838	19.816	19.794
130	29.083	29.045	29.007
135	41.985	41.932	41.878
140	66.567	66.327	66.088
145	184.098	184.004	183.913
150	389.371	389.809	390.249
155	513.122	513.509	513.892
160	643.254	643.160	643.065
165	917.226	917.141	917.053
170	1467.061	1466.627	1466.196
175	2212.941	2213.048	2213.155
180	2570.122	2570.122	2570.122

COEFFICIENTS OF UTILIZATION



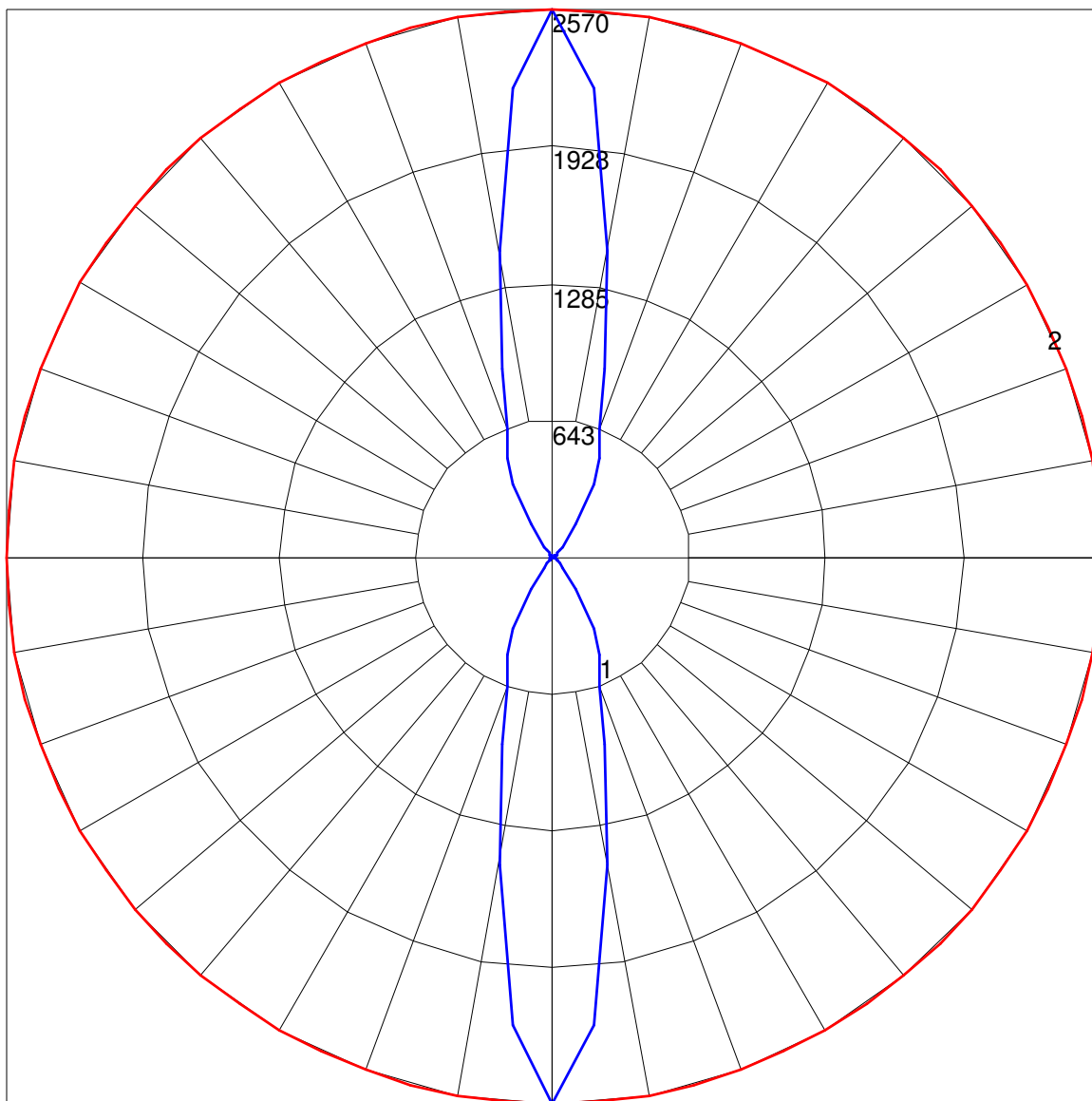
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	445.4	25.0
Downward House Side	445.4	25.0
Downward Total	890.8	50.0
Upward Street Side	445.4	25.0
Upward House Side	445.4	25.0
Upward Total	890.8	50.0
Total Flux	1781.6	100.0

IES ROAD REPORT

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

POLAR GRAPH



Maximum Candela = 2570.226 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

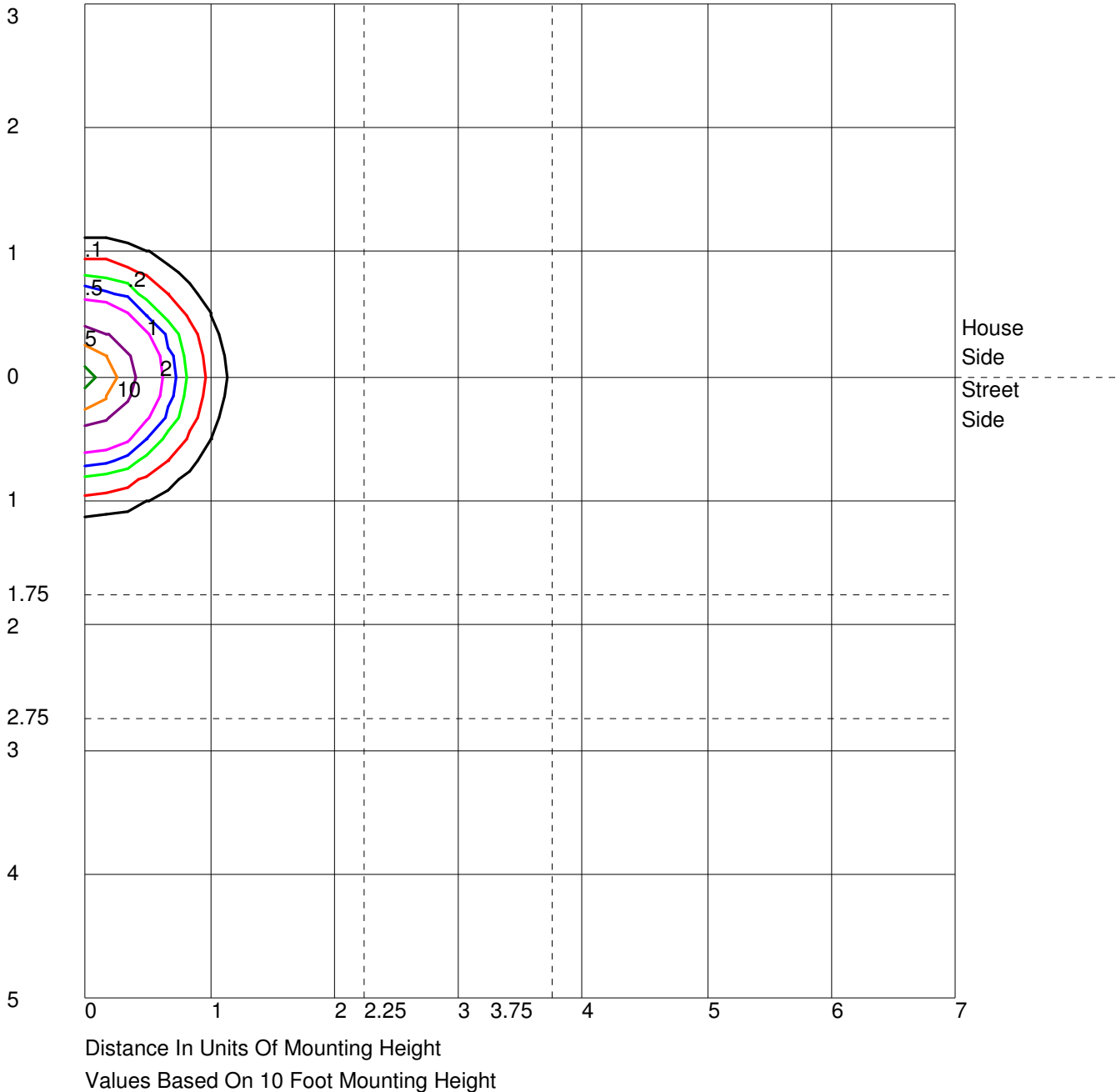


PHOTO LUMENS

