

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-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-L10-850U-L10-850D-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	1897
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2736.047
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2736.047
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.167 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.929 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	370.7	N.A.	19.5
FM - Front-Medium (30-60)	96.2	N.A.	5.1
FH - Front-High (60-80)	7.0	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	370.7	N.A.	19.5
BM - Back-Medium (30-60)	96.2	N.A.	5.1
BH - Back-High (60-80)	7.0	N.A.	0.4
BVH - Back-Very High (80-90)	0.4	N.A.	0.0
UL - Uplight-Low (90-100)	0.8	N.A.	0.0
UH - Uplight-High (100-180)	947.6	N.A.	50.0
Total	1897.0	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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2355.939	2355.825	2355.712	2355.594	2355.480	2355.618	2356.006	2356.391	2356.780	2357.168
10	1560.790	1561.249	1561.711	1562.169	1562.628	1563.850	1565.832	1567.815	1569.797	1571.779
15	976.218	976.312	976.402	976.496	976.586	977.290	978.602	979.915	981.227	982.540
20	684.553	684.654	684.754	684.851	684.952	685.313	685.933	686.556	687.175	687.798
25	547.047	546.638	546.226	545.818	545.406	545.148	545.044	544.937	544.833	544.726
30	415.426	414.958	414.492	414.023	413.558	412.657	411.321	409.985	408.653	407.317
35	195.778	195.875	195.976	196.073	196.170	196.314	196.501	196.689	196.876	197.064
40	70.352	70.607	70.861	71.119	71.373	71.822	72.465	73.105	73.747	74.390
45	44.580	44.637	44.694	44.751	44.808	44.901	45.032	45.163	45.293	45.424
50	30.878	30.919	30.959	31.002	31.043	31.110	31.203	31.300	31.394	31.488
55	21.071	21.095	21.118	21.141	21.165	21.212	21.275	21.342	21.406	21.473
60	13.909	13.926	13.943	13.959	13.976	14.003	14.046	14.090	14.133	14.177
65	9.322	9.325	9.332	9.335	9.339	9.355	9.382	9.409	9.436	9.462
70	6.235	6.235	6.238	6.238	6.241	6.248	6.258	6.271	6.282	6.295
75	3.904	3.901	3.901	3.897	3.894	3.894	3.897	3.901	3.904	3.908
80	1.895	1.895	1.895	1.899	1.899	1.902	1.905	1.909	1.915	1.919
85	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
90	0.147	0.147	0.147	0.154	0.154	0.154	0.154	0.161	0.161	0.161
95	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
100	1.895	1.895	1.895	1.899	1.899	1.902	1.905	1.909	1.915	1.919
105	3.904	3.901	3.901	3.897	3.894	3.894	3.897	3.901	3.904	3.908
110	6.235	6.235	6.238	6.238	6.241	6.248	6.258	6.271	6.282	6.295
115	9.322	9.325	9.332	9.335	9.339	9.355	9.382	9.409	9.436	9.462
120	13.909	13.926	13.943	13.959	13.976	14.003	14.046	14.090	14.133	14.177
125	21.071	21.095	21.118	21.141	21.165	21.212	21.275	21.342	21.406	21.473
130	30.878	30.919	30.959	31.002	31.043	31.110	31.203	31.300	31.394	31.488
135	44.580	44.637	44.694	44.751	44.808	44.901	45.032	45.163	45.293	45.424
140	70.352	70.607	70.861	71.119	71.373	71.822	72.465	73.105	73.747	74.390
145	195.778	195.875	195.976	196.073	196.170	196.314	196.501	196.689	196.876	197.064
150	415.426	414.958	414.492	414.023	413.558	412.657	411.321	409.985	408.653	407.317
155	547.047	546.638	546.226	545.818	545.406	545.148	545.044	544.937	544.833	544.726
160	684.553	684.654	684.754	684.851	684.952	685.313	685.933	686.556	687.175	687.798
165	976.218	976.312	976.402	976.496	976.586	977.290	978.602	979.915	981.227	982.540
170	1560.790	1561.249	1561.711	1562.169	1562.628	1563.850	1565.832	1567.815	1569.797	1571.779
175	2355.939	2355.825	2355.712	2355.598	2355.480	2355.618	2356.006	2356.395	2356.780	2357.168
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2357.205	2357.242	2357.279	2357.315	2357.416	2357.577	2357.741	2357.901	2358.062	2357.901
10	1574.083	1576.390	1578.693	1581.000	1582.802	1584.098	1585.397	1586.693	1587.992	1586.693
15	984.268	985.995	987.720	989.447	990.787	991.734	992.682	993.633	994.580	993.633
20	688.588	689.375	690.165	690.952	691.618	692.161	692.700	693.242	693.785	693.242
25	544.894	545.058	545.225	545.389	545.687	546.116	546.544	546.973	547.402	546.973
30	407.575	407.829	408.087	408.345	408.723	409.222	409.721	410.220	410.719	410.220
35	197.877	198.688	199.501	200.315	200.814	201.005	201.196	201.387	201.577	201.387
40	74.725	75.063	75.398	75.736	76.058	76.366	76.674	76.982	77.290	76.982
45	45.457	45.494	45.528	45.564	45.598	45.631	45.661	45.695	45.728	45.695
50	31.545	31.602	31.659	31.716	31.756	31.779	31.806	31.829	31.856	31.829
55	21.520	21.570	21.617	21.667	21.701	21.724	21.748	21.768	21.791	21.768

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CANDELA TABULATION - (Cont.)

60	14.207	14.234	14.264	14.294	14.318	14.334	14.354	14.371	14.391	14.371
65	9.476	9.489	9.499	9.513	9.523	9.526	9.533	9.536	9.543	9.536
70	6.298	6.305	6.308	6.312	6.315	6.312	6.312	6.308	6.308	6.308
75	3.911	3.911	3.914	3.918	3.918	3.914	3.911	3.908	3.904	3.908
80	1.922	1.925	1.925	1.929	1.929	1.929	1.925	1.925	1.925	1.925
85	0.408	0.408	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405
90	0.161	0.161	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167
95	0.408	0.408	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405
100	1.922	1.925	1.925	1.929	1.929	1.929	1.925	1.925	1.925	1.925
105	3.911	3.911	3.914	3.918	3.918	3.914	3.911	3.908	3.904	3.908
110	6.298	6.305	6.308	6.312	6.315	6.312	6.312	6.308	6.308	6.308
115	9.476	9.489	9.499	9.513	9.523	9.526	9.533	9.536	9.543	9.536
120	14.207	14.234	14.264	14.294	14.318	14.334	14.354	14.371	14.391	14.371
125	21.520	21.570	21.617	21.667	21.701	21.724	21.748	21.768	21.791	21.768
130	31.545	31.602	31.659	31.716	31.756	31.779	31.806	31.829	31.856	31.829
135	45.457	45.494	45.528	45.564	45.598	45.631	45.661	45.695	45.728	45.695
140	74.725	75.063	75.398	75.736	76.058	76.366	76.674	76.982	77.290	76.982
145	197.877	198.688	199.501	200.315	200.814	201.005	201.196	201.387	201.577	201.387
150	407.575	407.829	408.087	408.345	408.723	409.222	409.721	410.220	410.719	410.220
155	544.894	545.058	545.225	545.389	545.687	546.116	546.544	546.973	547.402	546.973
160	688.588	689.375	690.165	690.952	691.618	692.161	692.700	693.242	693.785	693.242
165	984.268	985.995	987.720	989.447	990.787	991.734	992.682	993.633	994.580	993.633
170	1574.083	1576.390	1578.693	1581.000	1582.802	1584.098	1585.397	1586.693	1587.992	1586.693
175	2357.205	2357.242	2357.282	2357.319	2357.416	2357.580	2357.741	2357.901	2358.062	2357.901
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2357.741	2357.577	2357.416	2357.315	2357.279	2357.242	2357.205	2357.168	2356.780	2356.391
10	1585.397	1584.098	1582.802	1581.000	1578.693	1576.390	1574.083	1571.779	1569.797	1567.815
15	992.682	991.734	990.787	989.447	987.720	985.995	984.268	982.540	981.227	979.915
20	692.700	692.161	691.618	690.952	690.165	689.375	688.588	687.798	687.175	686.556
25	546.544	546.116	545.687	545.389	545.225	545.058	544.894	544.726	544.833	544.937
30	409.721	409.222	408.723	408.345	408.087	407.829	407.575	407.317	408.653	409.985
35	201.196	201.005	200.814	200.315	199.501	198.688	197.877	197.064	196.876	196.689
40	76.674	76.366	76.058	75.736	75.398	75.063	74.725	74.390	73.747	73.105
45	45.661	45.631	45.598	45.564	45.528	45.494	45.457	45.424	45.293	45.163
50	31.806	31.779	31.756	31.716	31.659	31.602	31.545	31.488	31.394	31.300
55	21.748	21.724	21.701	21.667	21.617	21.570	21.520	21.473	21.406	21.342
60	14.354	14.334	14.318	14.294	14.264	14.234	14.207	14.177	14.133	14.090
65	9.533	9.526	9.523	9.513	9.499	9.489	9.476	9.462	9.436	9.409
70	6.312	6.312	6.315	6.312	6.308	6.305	6.298	6.295	6.282	6.271
75	3.911	3.914	3.918	3.918	3.914	3.911	3.911	3.908	3.904	3.901
80	1.925	1.929	1.929	1.929	1.925	1.925	1.922	1.919	1.915	1.909
85	0.405	0.405	0.405	0.405	0.405	0.408	0.408	0.408	0.408	0.408
90	0.167	0.167	0.167	0.167	0.167	0.161	0.161	0.161	0.161	0.161
95	0.405	0.405	0.405	0.405	0.405	0.408	0.408	0.408	0.408	0.408
100	1.925	1.929	1.929	1.929	1.925	1.925	1.922	1.919	1.915	1.909
105	3.911	3.914	3.918	3.918	3.914	3.911	3.911	3.908	3.904	3.901
110	6.312	6.312	6.315	6.312	6.308	6.305	6.298	6.295	6.282	6.271
115	9.533	9.526	9.523	9.513	9.499	9.489	9.476	9.462	9.436	9.409
120	14.354	14.334	14.318	14.294	14.264	14.234	14.207	14.177	14.133	14.090
125	21.748	21.724	21.701	21.667	21.617	21.570	21.520	21.473	21.406	21.342
130	31.806	31.779	31.756	31.716	31.659	31.602	31.545	31.488	31.394	31.300

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CANDELA TABULATION - (Cont.)

135	45.661	45.631	45.598	45.564	45.528	45.494	45.457	45.424	45.293	45.163
140	76.674	76.366	76.058	75.736	75.398	75.063	74.725	74.390	73.747	73.105
145	201.196	201.005	200.814	200.315	199.501	198.688	197.877	197.064	196.876	196.689
150	409.721	409.222	408.723	408.345	408.087	407.829	407.575	407.317	408.653	409.985
155	546.544	546.116	545.687	545.389	545.225	545.058	544.894	544.726	544.833	544.937
160	692.700	692.161	691.618	690.952	690.165	689.375	688.588	687.798	687.175	686.556
165	992.682	991.734	990.787	989.447	987.720	985.995	984.268	982.540	981.227	979.915
170	1585.397	1584.098	1582.802	1581.000	1578.693	1576.390	1574.083	1571.779	1569.797	1567.815
175	2357.741	2357.580	2357.416	2357.319	2357.282	2357.242	2357.205	2357.168	2356.780	2356.395
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2356.006	2355.618	2355.480	2355.594	2355.712	2355.825	2355.939	2355.825	2355.712	2355.594
10	1565.832	1563.850	1562.628	1562.169	1561.711	1561.249	1560.790	1561.249	1561.711	1562.169
15	978.602	977.290	976.586	976.496	976.402	976.312	976.218	976.312	976.402	976.496
20	685.933	685.313	684.952	684.851	684.754	684.654	684.553	684.654	684.754	684.851
25	545.044	545.148	545.406	545.818	546.226	546.638	547.047	546.638	546.226	545.818
30	411.321	412.657	413.558	414.023	414.492	414.958	415.426	414.958	414.492	414.023
35	196.501	196.314	196.170	196.073	195.976	195.875	195.778	195.875	195.976	196.073
40	72.465	71.822	71.373	71.119	70.861	70.607	70.352	70.607	70.861	71.119
45	45.032	44.901	44.808	44.751	44.694	44.637	44.580	44.637	44.694	44.751
50	31.203	31.110	31.043	31.002	30.959	30.919	30.878	30.919	30.959	31.002
55	21.275	21.212	21.165	21.141	21.118	21.095	21.071	21.095	21.118	21.141
60	14.046	14.003	13.976	13.959	13.943	13.926	13.909	13.926	13.943	13.959
65	9.382	9.355	9.339	9.335	9.332	9.325	9.322	9.325	9.332	9.335
70	6.258	6.248	6.241	6.238	6.238	6.235	6.235	6.235	6.238	6.238
75	3.897	3.894	3.894	3.897	3.901	3.901	3.904	3.901	3.901	3.897
80	1.905	1.902	1.899	1.899	1.895	1.895	1.895	1.895	1.895	1.899
85	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
90	0.154	0.154	0.154	0.154	0.147	0.147	0.147	0.147	0.147	0.154
95	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
100	1.905	1.902	1.899	1.899	1.895	1.895	1.895	1.895	1.895	1.899
105	3.897	3.894	3.894	3.897	3.901	3.901	3.904	3.901	3.901	3.897
110	6.258	6.248	6.241	6.238	6.238	6.235	6.235	6.235	6.238	6.238
115	9.382	9.355	9.339	9.335	9.332	9.325	9.322	9.325	9.332	9.335
120	14.046	14.003	13.976	13.959	13.943	13.926	13.909	13.926	13.943	13.959
125	21.275	21.212	21.165	21.141	21.118	21.095	21.071	21.095	21.118	21.141
130	31.203	31.110	31.043	31.002	30.959	30.919	30.878	30.919	30.959	31.002
135	45.032	44.901	44.808	44.751	44.694	44.637	44.580	44.637	44.694	44.751
140	72.465	71.822	71.373	71.119	70.861	70.607	70.352	70.607	70.861	71.119
145	196.501	196.314	196.170	196.073	195.976	195.875	195.778	195.875	195.976	196.073
150	411.321	412.657	413.558	414.023	414.492	414.958	415.426	414.958	414.492	414.023
155	545.044	545.148	545.406	545.818	546.226	546.638	547.047	546.638	546.226	545.818
160	685.933	685.313	684.952	684.851	684.754	684.654	684.553	684.654	684.754	684.851
165	978.602	977.290	976.586	976.496	976.402	976.312	976.218	976.312	976.402	976.496
170	1565.832	1563.850	1562.628	1562.169	1561.711	1561.249	1560.790	1561.249	1561.711	1562.169
175	2356.006	2355.618	2355.480	2355.598	2355.712	2355.825	2355.939	2355.825	2355.712	2355.598
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2355.480	2355.618	2356.006	2356.391	2356.780	2357.168	2357.205	2357.242	2357.279	2357.315
10	1562.628	1563.850	1565.832	1567.815	1569.797	1571.779	1574.083	1576.390	1578.693	1581.000
15	976.586	977.290	978.602	979.915	981.227	982.540	984.268	985.995	987.720	989.447
20	684.952	685.313	685.933	686.556	687.175	687.798	688.588	689.375	690.165	690.952
25	545.406	545.148	545.044	544.937	544.833	544.726	544.894	545.058	545.225	545.389
30	413.558	412.657	411.321	409.985	408.653	407.317	407.575	407.829	408.087	408.345
35	196.170	196.314	196.501	196.689	196.876	197.064	197.877	198.688	199.501	200.315
40	71.373	71.822	72.465	73.105	73.747	74.390	74.725	75.063	75.398	75.736
45	44.808	44.901	45.032	45.163	45.293	45.424	45.457	45.494	45.528	45.564
50	31.043	31.110	31.203	31.300	31.394	31.488	31.545	31.602	31.659	31.716
55	21.165	21.212	21.275	21.342	21.406	21.473	21.520	21.570	21.617	21.667
60	13.976	14.003	14.046	14.090	14.133	14.177	14.207	14.234	14.264	14.294
65	9.339	9.355	9.382	9.409	9.436	9.462	9.476	9.489	9.499	9.513
70	6.241	6.248	6.258	6.271	6.282	6.295	6.298	6.305	6.308	6.312
75	3.894	3.894	3.897	3.901	3.904	3.908	3.911	3.911	3.914	3.918
80	1.899	1.902	1.905	1.909	1.915	1.919	1.922	1.925	1.925	1.929
85	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.405	0.405
90	0.154	0.154	0.154	0.161	0.161	0.161	0.161	0.161	0.167	0.167
95	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.405	0.405
100	1.899	1.902	1.905	1.909	1.915	1.919	1.922	1.925	1.925	1.929
105	3.894	3.894	3.897	3.901	3.904	3.908	3.911	3.911	3.914	3.918
110	6.241	6.248	6.258	6.271	6.282	6.295	6.298	6.305	6.308	6.312
115	9.339	9.355	9.382	9.409	9.436	9.462	9.476	9.489	9.499	9.513
120	13.976	14.003	14.046	14.090	14.133	14.177	14.207	14.234	14.264	14.294
125	21.165	21.212	21.275	21.342	21.406	21.473	21.520	21.570	21.617	21.667
130	31.043	31.110	31.203	31.300	31.394	31.488	31.545	31.602	31.659	31.716
135	44.808	44.901	45.032	45.163	45.293	45.424	45.457	45.494	45.528	45.564
140	71.373	71.822	72.465	73.105	73.747	74.390	74.725	75.063	75.398	75.736
145	196.170	196.314	196.501	196.689	196.876	197.064	197.877	198.688	199.501	200.315
150	413.558	412.657	411.321	409.985	408.653	407.317	407.575	407.829	408.087	408.345
155	545.406	545.148	545.044	544.937	544.833	544.726	544.894	545.058	545.225	545.389
160	684.952	685.313	685.933	686.556	687.175	687.798	688.588	689.375	690.165	690.952
165	976.586	977.290	978.602	979.915	981.227	982.540	984.268	985.995	987.720	989.447
170	1562.628	1563.850	1565.832	1567.815	1569.797	1571.779	1574.083	1576.390	1578.693	1581.000
175	2355.480	2355.618	2356.006	2356.395	2356.780	2357.168	2357.205	2357.242	2357.282	2357.319
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2357.416	2357.577	2357.741	2357.901	2358.062	2357.901	2357.741	2357.577	2357.416	2357.315
10	1582.802	1584.098	1585.397	1586.693	1587.992	1586.693	1585.397	1584.098	1582.802	1581.000
15	990.787	991.734	992.682	993.633	994.580	993.633	992.682	991.734	990.787	989.447
20	691.618	692.161	692.700	693.242	693.785	693.242	692.700	692.161	691.618	690.952
25	545.687	546.116	546.544	546.973	547.402	546.973	546.544	546.116	545.687	545.389
30	408.723	409.222	409.721	410.220	410.719	410.220	409.721	409.222	408.723	408.345
35	200.814	201.005	201.196	201.387	201.577	201.387	201.196	201.005	200.814	200.315
40	76.058	76.366	76.674	76.982	77.290	76.982	76.674	76.366	76.058	75.736
45	45.598	45.631	45.661	45.695	45.728	45.695	45.661	45.631	45.598	45.564
50	31.756	31.779	31.806	31.829	31.856	31.829	31.806	31.779	31.756	31.716
55	21.701	21.724	21.748	21.768	21.791	21.768	21.748	21.724	21.701	21.667
60	14.318	14.334	14.354	14.371	14.391	14.371	14.354	14.334	14.318	14.294
65	9.523	9.526	9.533	9.536	9.543	9.536	9.533	9.526	9.523	9.513
70	6.315	6.312	6.312	6.308	6.308	6.308	6.312	6.312	6.315	6.312
75	3.918	3.914	3.911	3.908	3.904	3.908	3.911	3.914	3.918	3.918

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.929	1.929	1.925	1.925	1.925	1.925	1.925	1.929	1.929	1.929
85	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405
90	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167
95	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405
100	1.929	1.929	1.925	1.925	1.925	1.925	1.925	1.929	1.929	1.929
105	3.918	3.914	3.911	3.908	3.904	3.908	3.911	3.914	3.918	3.918
110	6.315	6.312	6.312	6.308	6.308	6.308	6.312	6.312	6.315	6.312
115	9.523	9.526	9.533	9.536	9.543	9.536	9.533	9.526	9.523	9.513
120	14.318	14.334	14.354	14.371	14.391	14.371	14.354	14.334	14.318	14.294
125	21.701	21.724	21.748	21.768	21.791	21.768	21.748	21.724	21.701	21.667
130	31.756	31.779	31.806	31.829	31.856	31.829	31.806	31.779	31.756	31.716
135	45.598	45.631	45.661	45.695	45.728	45.695	45.661	45.631	45.598	45.564
140	76.058	76.366	76.674	76.982	77.290	76.982	76.674	76.366	76.058	75.736
145	200.814	201.005	201.196	201.387	201.577	201.387	201.196	201.005	200.814	200.315
150	408.723	409.222	409.721	410.220	410.719	410.220	409.721	409.222	408.723	408.345
155	545.687	546.116	546.544	546.973	547.402	546.973	546.544	546.116	545.687	545.389
160	691.618	692.161	692.700	693.242	693.785	693.242	692.700	692.161	691.618	690.952
165	990.787	991.734	992.682	993.633	994.580	993.633	992.682	991.734	990.787	989.447
170	1582.802	1584.098	1585.397	1586.693	1587.992	1586.693	1585.397	1584.098	1582.802	1581.000
175	2357.416	2357.580	2357.741	2357.901	2358.062	2357.901	2357.741	2357.580	2357.416	2357.319
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

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	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047	2736.047
5	2357.279	2357.242	2357.205	2357.168	2356.780	2356.391	2356.006	2355.618	2355.480	2355.594
10	1578.693	1576.390	1574.083	1571.779	1569.797	1567.815	1565.832	1563.850	1562.628	1562.169
15	987.720	985.995	984.268	982.540	981.227	979.915	978.602	977.290	976.586	976.496
20	690.165	689.375	688.588	687.798	687.175	686.556	685.933	685.313	684.952	684.851
25	545.225	545.058	544.894	544.726	544.833	544.937	545.044	545.148	545.406	545.818
30	408.087	407.829	407.575	407.317	408.653	409.985	411.321	412.657	413.558	414.023
35	199.501	198.688	197.877	197.064	196.876	196.689	196.501	196.314	196.170	196.073
40	75.398	75.063	74.725	74.390	73.747	73.105	72.465	71.822	71.373	71.119
45	45.528	45.494	45.457	45.424	45.293	45.163	45.032	44.901	44.808	44.751
50	31.659	31.602	31.545	31.488	31.394	31.300	31.203	31.110	31.043	31.002
55	21.617	21.570	21.520	21.473	21.406	21.342	21.275	21.212	21.165	21.141
60	14.264	14.234	14.207	14.177	14.133	14.090	14.046	14.003	13.976	13.959
65	9.499	9.489	9.476	9.462	9.436	9.409	9.382	9.355	9.339	9.335
70	6.308	6.305	6.298	6.295	6.282	6.271	6.258	6.248	6.241	6.238
75	3.914	3.911	3.911	3.908	3.904	3.901	3.897	3.894	3.894	3.897
80	1.925	1.925	1.922	1.919	1.915	1.909	1.905	1.902	1.899	1.899
85	0.405	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
90	0.167	0.161	0.161	0.161	0.161	0.161	0.154	0.154	0.154	0.154
95	0.405	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
100	1.925	1.925	1.922	1.919	1.915	1.909	1.905	1.902	1.899	1.899
105	3.914	3.911	3.911	3.908	3.904	3.901	3.897	3.894	3.894	3.897
110	6.308	6.305	6.298	6.295	6.282	6.271	6.258	6.248	6.241	6.238
115	9.499	9.489	9.476	9.462	9.436	9.409	9.382	9.355	9.339	9.335
120	14.264	14.234	14.207	14.177	14.133	14.090	14.046	14.003	13.976	13.959
125	21.617	21.570	21.520	21.473	21.406	21.342	21.275	21.212	21.165	21.141
130	31.659	31.602	31.545	31.488	31.394	31.300	31.203	31.110	31.043	31.002
135	45.528	45.494	45.457	45.424	45.293	45.163	45.032	44.901	44.808	44.751
140	75.398	75.063	74.725	74.390	73.747	73.105	72.465	71.822	71.373	71.119
145	199.501	198.688	197.877	197.064	196.876	196.689	196.501	196.314	196.170	196.073
150	408.087	407.829	407.575	407.317	408.653	409.985	411.321	412.657	413.558	414.023

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	545.225	545.058	544.894	544.726	544.833	544.937	545.044	545.148	545.406	545.818
160	690.165	689.375	688.588	687.798	687.175	686.556	685.933	685.313	684.952	684.851
165	987.720	985.995	984.268	982.540	981.227	979.915	978.602	977.290	976.586	976.496
170	1578.693	1576.390	1574.083	1571.779	1569.797	1567.815	1565.832	1563.850	1562.628	1562.169
175	2357.282	2357.242	2357.205	2357.168	2356.780	2356.395	2356.006	2355.618	2355.480	2355.598
180	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937	2735.937

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	2736.047	2736.047	2736.047
5	2355.712	2355.825	2355.939
10	1561.711	1561.249	1560.790
15	976.402	976.312	976.218
20	684.754	684.654	684.553
25	546.226	546.638	547.047
30	414.492	414.958	415.426
35	195.976	195.875	195.778
40	70.861	70.607	70.352
45	44.694	44.637	44.580
50	30.959	30.919	30.878
55	21.118	21.095	21.071
60	13.943	13.926	13.909
65	9.332	9.325	9.322
70	6.238	6.235	6.235
75	3.901	3.901	3.904
80	1.895	1.895	1.895
85	0.408	0.408	0.408
90	0.147	0.147	0.147
95	0.408	0.408	0.408
100	1.895	1.895	1.895
105	3.901	3.901	3.904
110	6.238	6.235	6.235
115	9.332	9.325	9.322
120	13.943	13.926	13.909
125	21.118	21.095	21.071
130	30.959	30.919	30.878
135	44.694	44.637	44.580
140	70.861	70.607	70.352
145	195.976	195.875	195.778
150	414.492	414.958	415.426
155	546.226	546.638	547.047
160	684.754	684.654	684.553
165	976.402	976.312	976.218
170	1561.711	1561.249	1560.790
175	2355.712	2355.825	2355.939
180	2735.937	2735.937	2735.937

COEFFICIENTS OF UTILIZATION



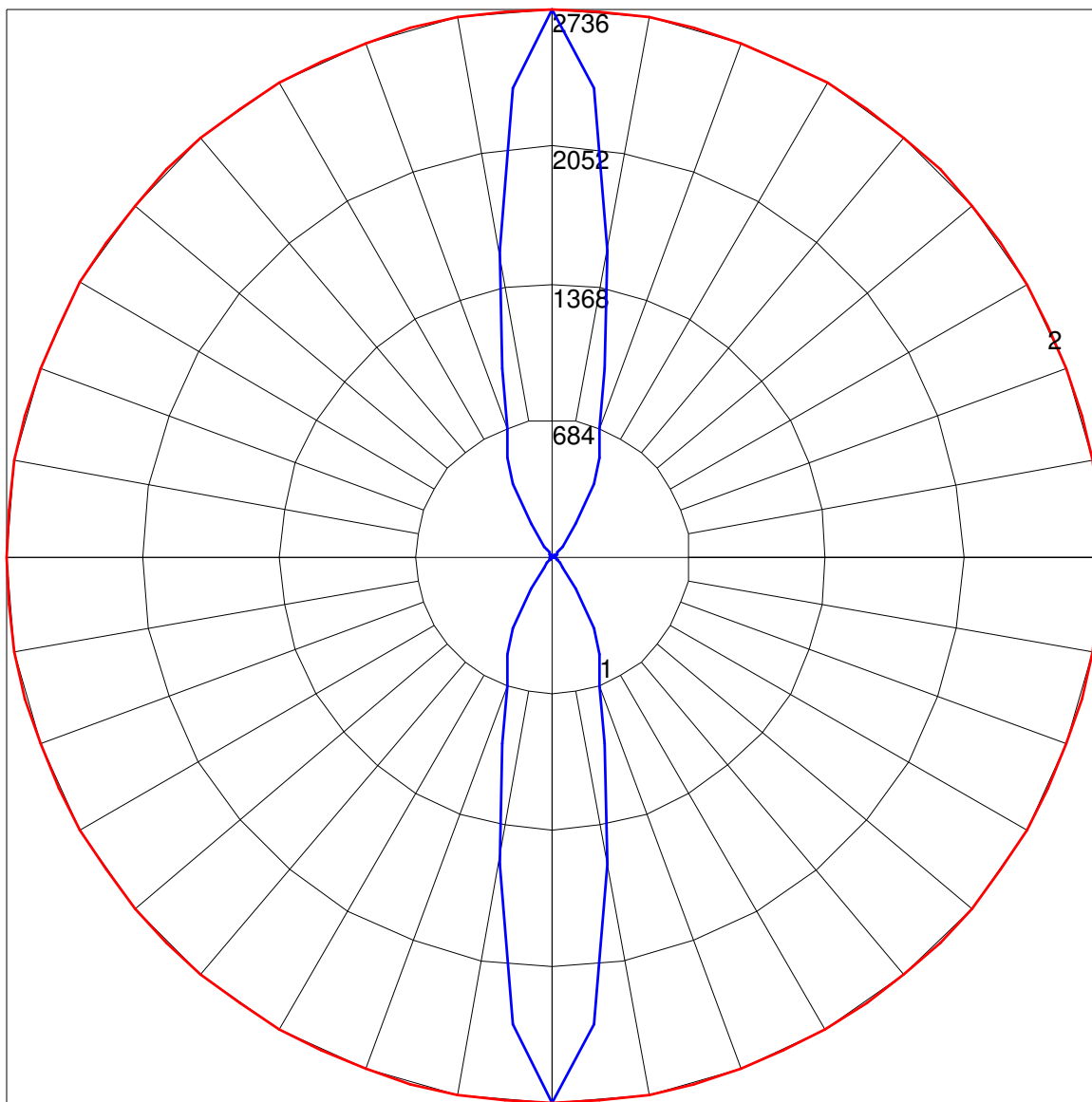
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	474.2	25.0
Downward House Side	474.2	25.0
Downward Total	948.4	50.0
Upward Street Side	474.2	25.0
Upward House Side	474.2	25.0
Upward Total	948.4	50.0
Total Flux	1896.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 2736.047 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

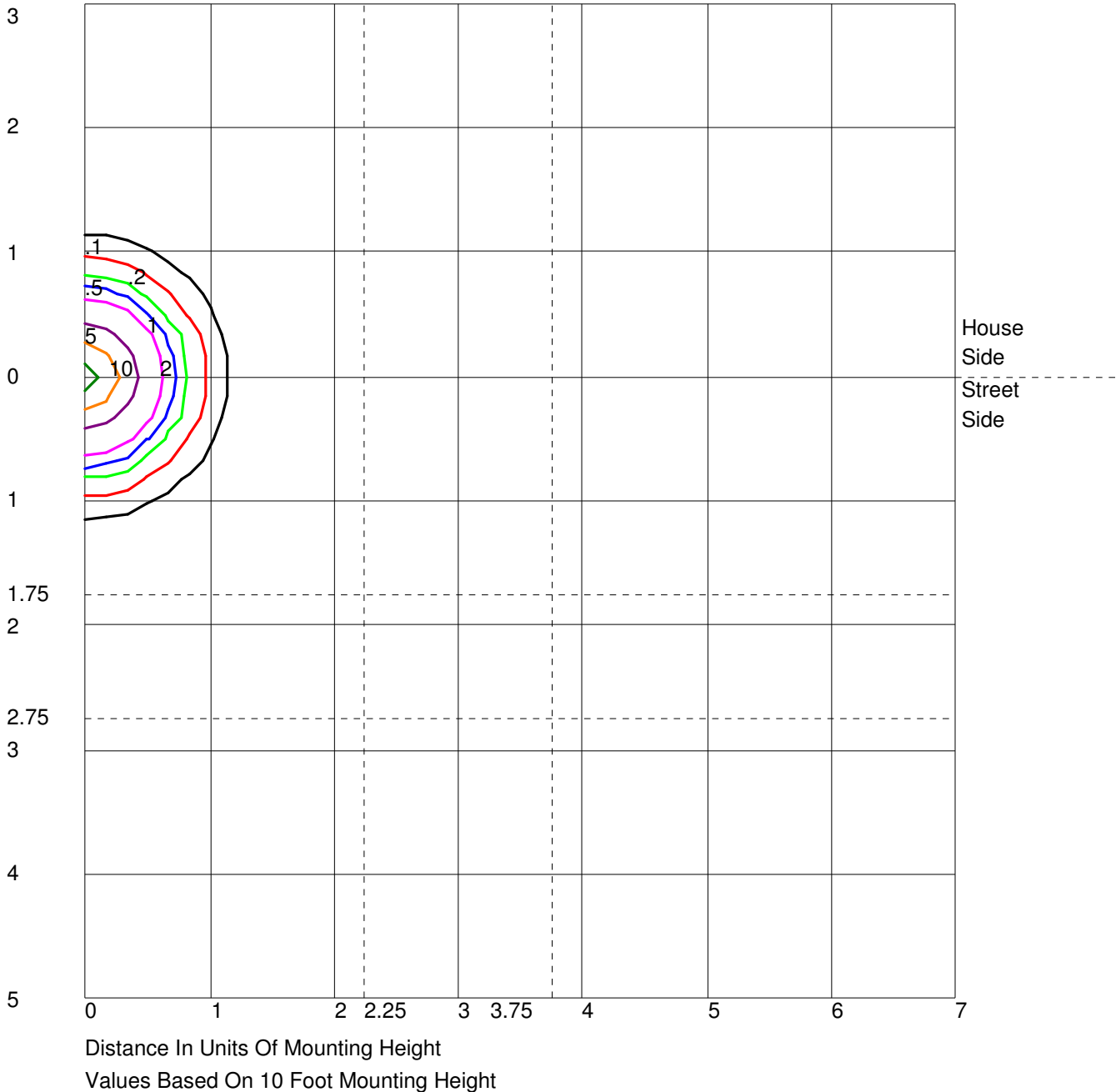


PHOTO LUMENS

