

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-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-L40-850U-L40-850D-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	7167
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10338.719
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10338.719
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.633 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.288 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1400.6	N.A.	19.5
FM - Front-Medium (30-60)	363.3	N.A.	5.1
FH - Front-High (60-80)	26.3	N.A.	0.4
FVH - Front-Very High (80-90)	1.5	N.A.	0.0
BL - Back-Low (0-30)	1400.6	N.A.	19.5
BM - Back-Medium (30-60)	363.3	N.A.	5.1
BH - Back-High (60-80)	26.3	N.A.	0.4
BVH - Back-Very High (80-90)	1.5	N.A.	0.0
UL - Uplight-Low (90-100)	3.0	N.A.	0.0
UH - Uplight-High (100-180)	3580.6	N.A.	50.0
Total	7167.0	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8902.402	8901.972	8901.542	8901.099	8900.669	8901.187	8902.655	8904.110	8905.578	8907.045
10	5897.766	5899.499	5901.245	5902.979	5904.712	5909.330	5916.821	5924.311	5931.801	5939.291
15	3688.841	3689.196	3689.537	3689.892	3690.233	3692.890	3697.850	3702.810	3707.769	3712.729
20	2586.726	2587.106	2587.485	2587.852	2588.232	2589.598	2591.939	2594.292	2596.633	2598.986
25	2067.129	2065.585	2064.029	2062.485	2060.929	2059.955	2059.563	2059.158	2058.766	2058.361
30	1569.774	1568.003	1566.244	1564.473	1562.714	1559.311	1554.263	1549.214	1544.179	1539.130
35	739.788	740.155	740.534	740.901	741.268	741.812	742.521	743.229	743.938	744.646
40	265.840	266.802	267.763	268.738	269.699	271.395	273.824	276.241	278.670	281.099
45	168.454	168.670	168.885	169.100	169.315	169.669	170.163	170.656	171.149	171.643
50	116.681	116.833	116.984	117.149	117.301	117.554	117.908	118.275	118.629	118.983
55	79.622	79.710	79.799	79.887	79.976	80.153	80.394	80.647	80.887	81.140
60	52.558	52.621	52.685	52.748	52.811	52.912	53.077	53.241	53.406	53.570
65	35.224	35.237	35.262	35.275	35.288	35.351	35.452	35.553	35.655	35.756
70	23.559	23.559	23.571	23.571	23.584	23.609	23.647	23.698	23.736	23.787
75	14.753	14.740	14.740	14.727	14.715	14.715	14.727	14.740	14.753	14.765
80	7.161	7.161	7.161	7.174	7.174	7.187	7.199	7.212	7.237	7.250
85	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
90	0.557	0.557	0.557	0.582	0.582	0.582	0.582	0.607	0.607	0.607
95	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
100	7.161	7.161	7.161	7.174	7.174	7.187	7.199	7.212	7.237	7.250
105	14.753	14.740	14.740	14.727	14.715	14.715	14.727	14.740	14.753	14.765
110	23.559	23.559	23.571	23.571	23.584	23.609	23.647	23.698	23.736	23.787
115	35.224	35.237	35.262	35.275	35.288	35.351	35.452	35.553	35.655	35.756
120	52.558	52.621	52.685	52.748	52.811	52.912	53.077	53.241	53.406	53.570
125	79.622	79.710	79.799	79.887	79.976	80.153	80.394	80.647	80.887	81.140
130	116.681	116.833	116.984	117.149	117.301	117.554	117.908	118.275	118.629	118.983
135	168.454	168.670	168.885	169.100	169.315	169.669	170.163	170.656	171.149	171.643
140	265.840	266.802	267.763	268.738	269.699	271.395	273.824	276.241	278.670	281.099
145	739.788	740.155	740.534	740.901	741.268	741.812	742.521	743.229	743.938	744.646
150	1569.774	1568.003	1566.244	1564.473	1562.714	1559.311	1554.263	1549.214	1544.179	1539.130
155	2067.129	2065.585	2064.029	2062.485	2060.929	2059.955	2059.563	2059.158	2058.766	2058.361
160	2586.726	2587.106	2587.485	2587.852	2588.232	2589.598	2591.939	2594.292	2596.633	2598.986
165	3688.841	3689.196	3689.537	3689.892	3690.233	3692.890	3697.850	3702.810	3707.769	3712.729
170	5897.766	5899.499	5901.245	5902.979	5904.712	5909.330	5916.821	5924.311	5931.801	5939.291
175	8902.402	8901.972	8901.542	8901.111	8900.669	8901.187	8902.655	8904.123	8905.578	8907.045
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8907.185	8907.324	8907.463	8907.602	8907.982	8908.589	8909.209	8909.816	8910.424	8909.816
10	5947.996	5956.714	5965.419	5974.136	5980.943	5985.840	5990.749	5995.645	6000.554	5995.645
15	3719.258	3725.787	3732.303	3738.831	3743.892	3747.473	3751.053	3754.647	3758.227	3754.647
20	2601.972	2604.946	2607.932	2610.905	2613.423	2615.472	2617.510	2619.559	2621.609	2619.559
25	2058.993	2059.613	2060.246	2060.866	2061.992	2063.611	2065.231	2066.850	2068.470	2066.850
30	1540.104	1541.066	1542.040	1543.015	1544.444	1546.329	1548.215	1550.100	1551.985	1550.100
35	747.721	750.783	753.857	756.932	758.817	759.538	760.259	760.980	761.702	760.980
40	282.364	283.642	284.907	286.185	287.400	288.564	289.728	290.892	292.056	290.892
45	171.769	171.909	172.035	172.174	172.301	172.427	172.541	172.668	172.794	172.668
50	119.199	119.414	119.629	119.844	119.996	120.084	120.185	120.274	120.375	120.274
55	81.317	81.507	81.684	81.874	82.000	82.089	82.178	82.253	82.342	82.253

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CANDELA TABULATION - (Cont.)

60	53.684	53.785	53.899	54.013	54.102	54.165	54.241	54.304	54.380	54.304
65	35.806	35.857	35.895	35.946	35.984	35.996	36.021	36.034	36.059	36.034
70	23.799	23.825	23.837	23.850	23.862	23.850	23.850	23.837	23.837	23.837
75	14.778	14.778	14.791	14.803	14.803	14.791	14.778	14.765	14.753	14.765
80	7.262	7.275	7.275	7.288	7.288	7.288	7.275	7.275	7.275	7.275
85	1.544	1.544	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531
90	0.607	0.607	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633
95	1.544	1.544	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531
100	7.262	7.275	7.275	7.288	7.288	7.288	7.275	7.275	7.275	7.275
105	14.778	14.778	14.791	14.803	14.803	14.791	14.778	14.765	14.753	14.765
110	23.799	23.825	23.837	23.850	23.862	23.850	23.850	23.837	23.837	23.837
115	35.806	35.857	35.895	35.946	35.984	35.996	36.021	36.034	36.059	36.034
120	53.684	53.785	53.899	54.013	54.102	54.165	54.241	54.304	54.380	54.304
125	81.317	81.507	81.684	81.874	82.000	82.089	82.178	82.253	82.342	82.253
130	119.199	119.414	119.629	119.844	119.996	120.084	120.185	120.274	120.375	120.274
135	171.769	171.909	172.035	172.174	172.301	172.427	172.541	172.668	172.794	172.668
140	282.364	283.642	284.907	286.185	287.400	288.564	289.728	290.892	292.056	290.892
145	747.721	750.783	753.857	756.932	758.817	759.538	760.259	760.980	761.702	760.980
150	1540.104	1541.066	1542.040	1543.015	1544.444	1546.329	1548.215	1550.100	1551.985	1550.100
155	2058.993	2059.613	2060.246	2060.866	2061.992	2063.611	2065.231	2066.850	2068.470	2066.850
160	2601.972	2604.946	2607.932	2610.905	2613.423	2615.472	2617.510	2619.559	2621.609	2619.559
165	3719.258	3725.787	3732.303	3738.831	3743.892	3747.473	3751.053	3754.647	3758.227	3754.647
170	5947.996	5956.714	5965.419	5974.136	5980.943	5985.840	5990.749	5995.645	6000.554	5995.645
175	8907.185	8907.324	8907.476	8907.615	8907.982	8908.602	8909.209	8909.816	8910.424	8909.816
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8909.209	8908.589	8907.982	8907.602	8907.463	8907.324	8907.185	8907.045	8905.578	8904.110
10	5990.749	5985.840	5980.943	5974.136	5965.419	5956.714	5947.996	5939.291	5931.801	5924.311
15	3751.053	3747.473	3743.892	3738.831	3732.303	3725.787	3719.258	3712.729	3707.769	3702.810
20	2617.510	2615.472	2613.423	2610.905	2607.932	2604.946	2601.972	2598.986	2596.633	2594.292
25	2065.231	2063.611	2061.992	2060.866	2060.246	2059.613	2058.993	2058.361	2058.766	2059.158
30	1548.215	1546.329	1544.444	1543.015	1542.040	1541.066	1540.104	1539.130	1544.179	1549.214
35	760.259	759.538	758.817	756.932	753.857	750.783	747.721	744.646	743.938	743.229
40	289.728	288.564	287.400	286.185	284.907	283.642	282.364	281.099	278.670	276.241
45	172.541	172.427	172.301	172.174	172.035	171.909	171.769	171.643	171.149	170.656
50	120.185	120.084	119.996	119.844	119.629	119.414	119.199	118.983	118.629	118.275
55	82.178	82.089	82.000	81.874	81.684	81.507	81.317	81.140	80.887	80.647
60	54.241	54.165	54.102	54.013	53.899	53.785	53.684	53.570	53.406	53.241
65	36.021	35.996	35.984	35.946	35.895	35.857	35.806	35.756	35.655	35.553
70	23.850	23.850	23.862	23.850	23.837	23.825	23.799	23.787	23.736	23.698
75	14.778	14.791	14.803	14.803	14.791	14.778	14.778	14.765	14.753	14.740
80	7.275	7.288	7.288	7.288	7.275	7.275	7.262	7.250	7.237	7.212
85	1.531	1.531	1.531	1.531	1.531	1.544	1.544	1.544	1.544	1.544
90	0.633	0.633	0.633	0.633	0.633	0.607	0.607	0.607	0.607	0.607
95	1.531	1.531	1.531	1.531	1.531	1.544	1.544	1.544	1.544	1.544
100	7.275	7.288	7.288	7.288	7.275	7.275	7.262	7.250	7.237	7.212
105	14.778	14.791	14.803	14.803	14.791	14.778	14.778	14.765	14.753	14.740
110	23.850	23.850	23.862	23.850	23.837	23.825	23.799	23.787	23.736	23.698
115	36.021	35.996	35.984	35.946	35.895	35.857	35.806	35.756	35.655	35.553
120	54.241	54.165	54.102	54.013	53.899	53.785	53.684	53.570	53.406	53.241
125	82.178	82.089	82.000	81.874	81.684	81.507	81.317	81.140	80.887	80.647
130	120.185	120.084	119.996	119.844	119.629	119.414	119.199	118.983	118.629	118.275

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CANDELA TABULATION - (Cont.)

135	172.541	172.427	172.301	172.174	172.035	171.909	171.769	171.643	171.149	170.656
140	289.728	288.564	287.400	286.185	284.907	283.642	282.364	281.099	278.670	276.241
145	760.259	759.538	758.817	756.932	753.857	750.783	747.721	744.646	743.938	743.229
150	1548.215	1546.329	1544.444	1543.015	1542.040	1541.066	1540.104	1539.130	1544.179	1549.214
155	2065.231	2063.611	2061.992	2060.866	2060.246	2059.613	2058.993	2058.361	2058.766	2059.158
160	2617.510	2615.472	2613.423	2610.905	2607.932	2604.946	2601.972	2598.986	2596.633	2594.292
165	3751.053	3747.473	3743.892	3738.831	3732.303	3725.787	3719.258	3712.729	3707.769	3702.810
170	5990.749	5985.840	5980.943	5974.136	5965.419	5956.714	5947.996	5939.291	5931.801	5924.311
175	8909.209	8908.602	8907.982	8907.615	8907.476	8907.324	8907.185	8907.045	8905.578	8904.123
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

**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	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8902.655	8901.187	8900.669	8901.099	8901.542	8901.972	8902.402	8901.972	8901.542	8901.099
10	5916.821	5909.330	5904.712	5902.979	5901.245	5899.499	5897.766	5899.499	5901.245	5902.979
15	3697.850	3692.890	3690.233	3689.892	3689.537	3689.196	3688.841	3689.196	3689.537	3689.892
20	2591.939	2589.598	2588.232	2587.852	2587.485	2587.106	2586.726	2587.106	2587.485	2587.852
25	2059.563	2059.955	2060.929	2062.485	2064.029	2065.585	2067.129	2065.585	2064.029	2062.485
30	1554.263	1559.311	1562.714	1564.473	1566.244	1568.003	1569.774	1568.003	1566.244	1564.473
35	742.521	741.812	741.268	740.901	740.534	740.155	739.788	740.155	740.534	740.901
40	273.824	271.395	269.699	268.738	267.763	266.802	265.840	266.802	267.763	268.738
45	170.163	169.669	169.315	169.100	168.885	168.670	168.454	168.670	168.885	169.100
50	117.908	117.554	117.301	117.149	116.984	116.833	116.681	116.833	116.984	117.149
55	80.394	80.153	79.976	79.887	79.799	79.710	79.622	79.710	79.799	79.887
60	53.077	52.912	52.811	52.748	52.685	52.621	52.558	52.621	52.685	52.748
65	35.452	35.351	35.288	35.275	35.262	35.237	35.224	35.237	35.262	35.275
70	23.647	23.609	23.584	23.571	23.571	23.559	23.559	23.559	23.571	23.571
75	14.727	14.715	14.715	14.727	14.740	14.740	14.753	14.740	14.740	14.727
80	7.199	7.187	7.174	7.174	7.161	7.161	7.161	7.161	7.161	7.174
85	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
90	0.582	0.582	0.582	0.582	0.557	0.557	0.557	0.557	0.557	0.582
95	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
100	7.199	7.187	7.174	7.174	7.161	7.161	7.161	7.161	7.161	7.174
105	14.727	14.715	14.715	14.727	14.740	14.740	14.753	14.740	14.740	14.727
110	23.647	23.609	23.584	23.571	23.571	23.559	23.559	23.559	23.571	23.571
115	35.452	35.351	35.288	35.275	35.262	35.237	35.224	35.237	35.262	35.275
120	53.077	52.912	52.811	52.748	52.685	52.621	52.558	52.621	52.685	52.748
125	80.394	80.153	79.976	79.887	79.799	79.710	79.622	79.710	79.799	79.887
130	117.908	117.554	117.301	117.149	116.984	116.833	116.681	116.833	116.984	117.149
135	170.163	169.669	169.315	169.100	168.885	168.670	168.454	168.670	168.885	169.100
140	273.824	271.395	269.699	268.738	267.763	266.802	265.840	266.802	267.763	268.738
145	742.521	741.812	741.268	740.901	740.534	740.155	739.788	740.155	740.534	740.901
150	1554.263	1559.311	1562.714	1564.473	1566.244	1568.003	1569.774	1568.003	1566.244	1564.473
155	2059.563	2059.955	2060.929	2062.485	2064.029	2065.585	2067.129	2065.585	2064.029	2062.485
160	2591.939	2589.598	2588.232	2587.852	2587.485	2587.106	2586.726	2587.106	2587.485	2587.852
165	3697.850	3692.890	3690.233	3689.892	3689.537	3689.196	3688.841	3689.196	3689.537	3689.892
170	5916.821	5909.330	5904.712	5902.979	5901.245	5899.499	5897.766	5899.499	5901.245	5902.979
175	8902.655	8901.187	8900.669	8901.111	8901.542	8901.972	8902.402	8901.972	8901.542	8901.111
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

**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	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	8900.669	8901.187	8902.655	8904.110	8905.578	8907.045	8907.185	8907.324	8907.463	8907.602
10	5904.712	5909.330	5916.821	5924.311	5931.801	5939.291	5947.996	5956.714	5965.419	5974.136
15	3690.233	3692.890	3697.850	3702.810	3707.769	3712.729	3719.258	3725.787	3732.303	3738.831
20	2588.232	2589.598	2591.939	2594.292	2596.633	2598.986	2601.972	2604.946	2607.932	2610.905
25	2060.929	2059.955	2059.563	2059.158	2058.766	2058.361	2058.993	2059.613	2060.246	2060.866
30	1562.714	1559.311	1554.263	1549.214	1544.179	1539.130	1540.104	1541.066	1542.040	1543.015
35	741.268	741.812	742.521	743.229	743.938	744.646	747.721	750.783	753.857	756.932
40	269.699	271.395	273.824	276.241	278.670	281.099	282.364	283.642	284.907	286.185
45	169.315	169.669	170.163	170.656	171.149	171.643	171.769	171.909	172.035	172.174
50	117.301	117.554	117.908	118.275	118.629	118.983	119.199	119.414	119.629	119.844
55	79.976	80.153	80.394	80.647	80.887	81.140	81.317	81.507	81.684	81.874
60	52.811	52.912	53.077	53.241	53.406	53.570	53.684	53.785	53.899	54.013
65	35.288	35.351	35.452	35.553	35.655	35.756	35.806	35.857	35.895	35.946
70	23.584	23.609	23.647	23.698	23.736	23.787	23.799	23.825	23.837	23.850
75	14.715	14.715	14.727	14.740	14.753	14.765	14.778	14.778	14.791	14.803
80	7.174	7.187	7.199	7.212	7.237	7.250	7.262	7.275	7.275	7.288
85	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.531	1.531
90	0.582	0.582	0.582	0.607	0.607	0.607	0.607	0.607	0.633	0.633
95	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.531	1.531
100	7.174	7.187	7.199	7.212	7.237	7.250	7.262	7.275	7.275	7.288
105	14.715	14.715	14.727	14.740	14.753	14.765	14.778	14.778	14.791	14.803
110	23.584	23.609	23.647	23.698	23.736	23.787	23.799	23.825	23.837	23.850
115	35.288	35.351	35.452	35.553	35.655	35.756	35.806	35.857	35.895	35.946
120	52.811	52.912	53.077	53.241	53.406	53.570	53.684	53.785	53.899	54.013
125	79.976	80.153	80.394	80.647	80.887	81.140	81.317	81.507	81.684	81.874
130	117.301	117.554	117.908	118.275	118.629	118.983	119.199	119.414	119.629	119.844
135	169.315	169.669	170.163	170.656	171.149	171.643	171.769	171.909	172.035	172.174
140	269.699	271.395	273.824	276.241	278.670	281.099	282.364	283.642	284.907	286.185
145	741.268	741.812	742.521	743.229	743.938	744.646	747.721	750.783	753.857	756.932
150	1562.714	1559.311	1554.263	1549.214	1544.179	1539.130	1540.104	1541.066	1542.040	1543.015
155	2060.929	2059.955	2059.563	2059.158	2058.766	2058.361	2058.993	2059.613	2060.246	2060.866
160	2588.232	2589.598	2591.939	2594.292	2596.633	2598.986	2601.972	2604.946	2607.932	2610.905
165	3690.233	3692.890	3697.850	3702.810	3707.769	3712.729	3719.258	3725.787	3732.303	3738.831
170	5904.712	5909.330	5916.821	5924.311	5931.801	5939.291	5947.996	5956.714	5965.419	5974.136
175	8900.669	8901.187	8902.655	8904.123	8905.578	8907.045	8907.185	8907.324	8907.476	8907.615
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

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	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8907.982	8908.589	8909.209	8909.816	8910.424	8909.816	8909.209	8908.589	8907.982	8907.602
10	5980.943	5985.840	5990.749	5995.645	6000.554	5995.645	5990.749	5985.840	5980.943	5974.136
15	3743.892	3747.473	3751.053	3754.647	3758.227	3754.647	3751.053	3747.473	3743.892	3738.831
20	2613.423	2615.472	2617.510	2619.559	2621.609	2619.559	2617.510	2615.472	2613.423	2610.905
25	2061.992	2063.611	2065.231	2066.850	2068.470	2066.850	2065.231	2063.611	2061.992	2060.866
30	1544.444	1546.329	1548.215	1550.100	1551.985	1550.100	1548.215	1546.329	1544.444	1543.015
35	758.817	759.538	760.259	760.980	761.702	760.980	760.259	759.538	758.817	756.932
40	287.400	288.564	289.728	290.892	292.056	290.892	289.728	288.564	287.400	286.185
45	172.301	172.427	172.541	172.668	172.794	172.668	172.541	172.427	172.301	172.174
50	119.996	120.084	120.185	120.274	120.375	120.274	120.185	120.084	119.996	119.844
55	82.000	82.089	82.178	82.253	82.342	82.253	82.178	82.089	82.000	81.874
60	54.102	54.165	54.241	54.304	54.380	54.304	54.241	54.165	54.102	54.013
65	35.984	35.996	36.021	36.034	36.059	36.034	36.021	35.996	35.984	35.946
70	23.862	23.850	23.850	23.837	23.837	23.837	23.850	23.850	23.862	23.850
75	14.803	14.791	14.778	14.765	14.753	14.765	14.778	14.791	14.803	14.803

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	7.288	7.288	7.275	7.275	7.275	7.275	7.275	7.288	7.288	7.288
85	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531
90	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633
95	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531
100	7.288	7.288	7.275	7.275	7.275	7.275	7.275	7.288	7.288	7.288
105	14.803	14.791	14.778	14.765	14.753	14.765	14.778	14.791	14.803	14.803
110	23.862	23.850	23.850	23.837	23.837	23.837	23.850	23.850	23.862	23.850
115	35.984	35.996	36.021	36.034	36.059	36.034	36.021	35.996	35.984	35.946
120	54.102	54.165	54.241	54.304	54.380	54.304	54.241	54.165	54.102	54.013
125	82.000	82.089	82.178	82.253	82.342	82.253	82.178	82.089	82.000	81.874
130	119.996	120.084	120.185	120.274	120.375	120.274	120.185	120.084	119.996	119.844
135	172.301	172.427	172.541	172.668	172.794	172.668	172.541	172.427	172.301	172.174
140	287.400	288.564	289.728	290.892	292.056	290.892	289.728	288.564	287.400	286.185
145	758.817	759.538	760.259	760.980	761.702	760.980	760.259	759.538	758.817	756.932
150	1544.444	1546.329	1548.215	1550.100	1551.985	1550.100	1548.215	1546.329	1544.444	1543.015
155	2061.992	2063.611	2065.231	2066.850	2068.470	2066.850	2065.231	2063.611	2061.992	2060.866
160	2613.423	2615.472	2617.510	2619.559	2621.609	2619.559	2617.510	2615.472	2613.423	2610.905
165	3743.892	3747.473	3751.053	3754.647	3758.227	3754.647	3751.053	3747.473	3743.892	3738.831
170	5980.943	5985.840	5990.749	5995.645	6000.554	5995.645	5990.749	5985.840	5980.943	5974.136
175	8907.982	8908.602	8909.209	8909.816	8910.424	8909.816	8909.209	8908.602	8907.982	8907.615
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

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	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719	10338.719
5	8907.463	8907.324	8907.185	8907.045	8905.578	8904.110	8902.655	8901.187	8900.669	8901.099
10	5965.419	5956.714	5947.996	5939.291	5931.801	5924.311	5916.821	5909.330	5904.712	5902.979
15	3732.303	3725.787	3719.258	3712.729	3707.769	3702.810	3697.850	3692.890	3690.233	3689.892
20	2607.932	2604.946	2601.972	2598.986	2596.633	2594.292	2591.939	2589.598	2588.232	2587.852
25	2060.246	2059.613	2058.993	2058.361	2058.766	2059.158	2059.563	2059.955	2060.929	2062.485
30	1542.040	1541.066	1540.104	1539.130	1544.179	1549.214	1554.263	1559.311	1562.714	1564.473
35	753.857	750.783	747.721	744.646	743.938	743.229	742.521	741.812	741.268	740.901
40	284.907	283.642	282.364	281.099	278.670	276.241	273.824	271.395	269.699	268.738
45	172.035	171.909	171.769	171.643	171.149	170.656	170.163	169.669	169.315	169.100
50	119.629	119.414	119.199	118.983	118.629	118.275	117.908	117.554	117.301	117.149
55	81.684	81.507	81.317	81.140	80.887	80.647	80.394	80.153	79.976	79.887
60	53.899	53.785	53.684	53.570	53.406	53.241	53.077	52.912	52.811	52.748
65	35.895	35.857	35.806	35.756	35.655	35.553	35.452	35.351	35.288	35.275
70	23.837	23.825	23.799	23.787	23.736	23.698	23.647	23.609	23.584	23.571
75	14.791	14.778	14.778	14.765	14.753	14.740	14.727	14.715	14.715	14.727
80	7.275	7.275	7.262	7.250	7.237	7.212	7.199	7.187	7.174	7.174
85	1.531	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
90	0.633	0.607	0.607	0.607	0.607	0.607	0.582	0.582	0.582	0.582
95	1.531	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544	1.544
100	7.275	7.275	7.262	7.250	7.237	7.212	7.199	7.187	7.174	7.174
105	14.791	14.778	14.778	14.765	14.753	14.740	14.727	14.715	14.715	14.727
110	23.837	23.825	23.799	23.787	23.736	23.698	23.647	23.609	23.584	23.571
115	35.895	35.857	35.806	35.756	35.655	35.553	35.452	35.351	35.288	35.275
120	53.899	53.785	53.684	53.570	53.406	53.241	53.077	52.912	52.811	52.748
125	81.684	81.507	81.317	81.140	80.887	80.647	80.394	80.153	79.976	79.887
130	119.629	119.414	119.199	118.983	118.629	118.275	117.908	117.554	117.301	117.149
135	172.035	171.909	171.769	171.643	171.149	170.656	170.163	169.669	169.315	169.100
140	284.907	283.642	282.364	281.099	278.670	276.241	273.824	271.395	269.699	268.738
145	753.857	750.783	747.721	744.646	743.938	743.229	742.521	741.812	741.268	740.901
150	1542.040	1541.066	1540.104	1539.130	1544.179	1549.214	1554.263	1559.311	1562.714	1564.473

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	2060.246	2059.613	2058.993	2058.361	2058.766	2059.158	2059.563	2059.955	2060.929	2062.485
160	2607.932	2604.946	2601.972	2598.986	2596.633	2594.292	2591.939	2589.598	2588.232	2587.852
165	3732.303	3725.787	3719.258	3712.729	3707.769	3702.810	3697.850	3692.890	3690.233	3689.892
170	5965.419	5956.714	5947.996	5939.291	5931.801	5924.311	5916.821	5909.330	5904.712	5902.979
175	8907.476	8907.324	8907.185	8907.045	8905.578	8904.123	8902.655	8901.187	8900.669	8901.111
180	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301	10338.301

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10338.719	10338.719	10338.719
5	8901.542	8901.972	8902.402
10	5901.245	5899.499	5897.766
15	3689.537	3689.196	3688.841
20	2587.485	2587.106	2586.726
25	2064.029	2065.585	2067.129
30	1566.244	1568.003	1569.774
35	740.534	740.155	739.788
40	267.763	266.802	265.840
45	168.885	168.670	168.454
50	116.984	116.833	116.681
55	79.799	79.710	79.622
60	52.685	52.621	52.558
65	35.262	35.237	35.224
70	23.571	23.559	23.559
75	14.740	14.740	14.753
80	7.161	7.161	7.161
85	1.544	1.544	1.544
90	0.557	0.557	0.557
95	1.544	1.544	1.544
100	7.161	7.161	7.161
105	14.740	14.740	14.753
110	23.571	23.559	23.559
115	35.262	35.237	35.224
120	52.685	52.621	52.558
125	79.799	79.710	79.622
130	116.984	116.833	116.681
135	168.885	168.670	168.454
140	267.763	266.802	265.840
145	740.534	740.155	739.788
150	1566.244	1568.003	1569.774
155	2064.029	2065.585	2067.129
160	2587.485	2587.106	2586.726
165	3689.537	3689.196	3688.841
170	5901.245	5899.499	5897.766
175	8901.542	8901.972	8902.402
180	10338.301	10338.301	10338.301

COEFFICIENTS OF UTILIZATION



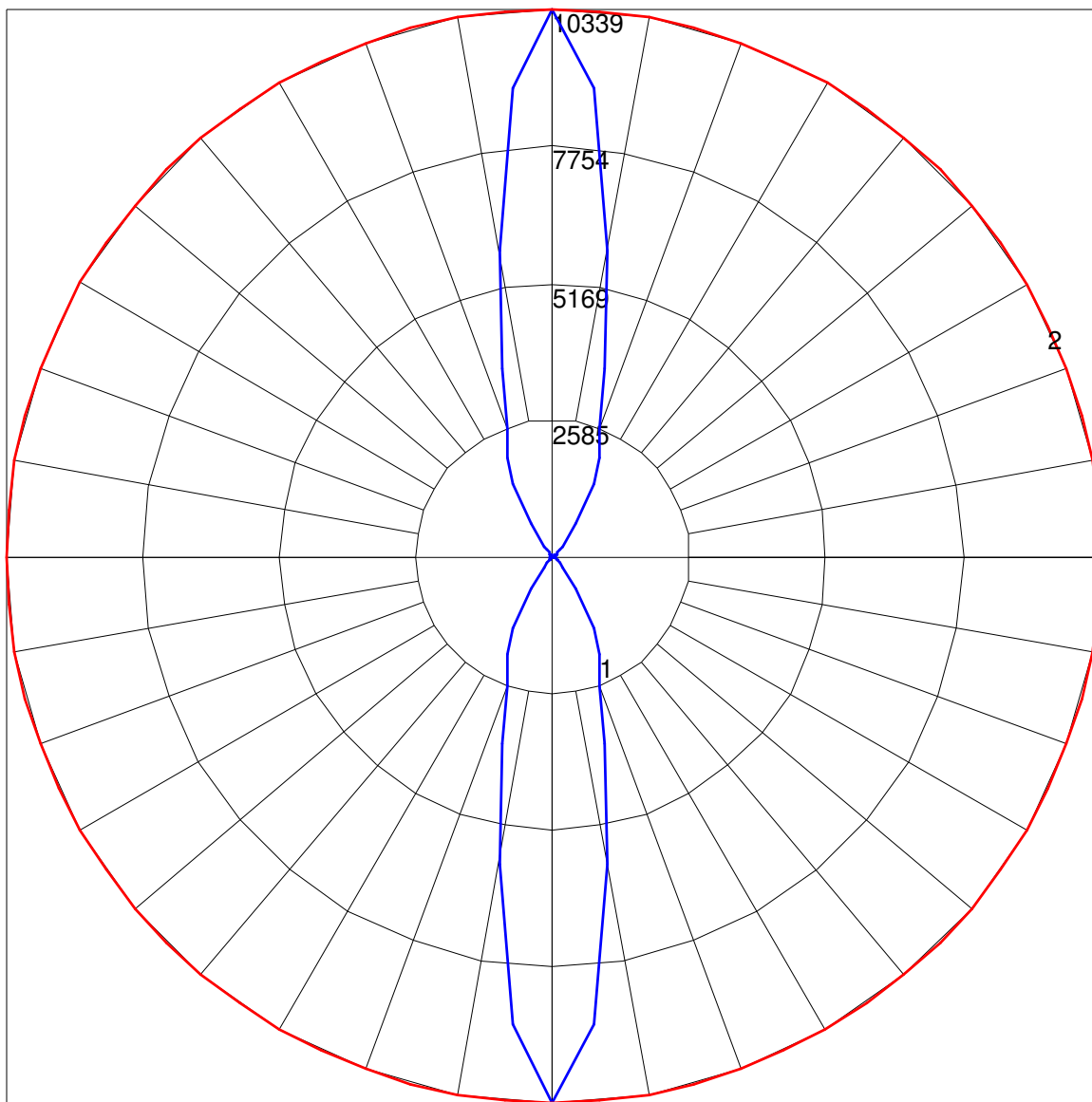
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1791.8	25.0
Downward House Side	1791.8	25.0
Downward Total	3583.6	50.0
Upward Street Side	1791.8	25.0
Upward House Side	1791.8	25.0
Upward Total	3583.6	50.0
Total Flux	7167.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10338.719 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

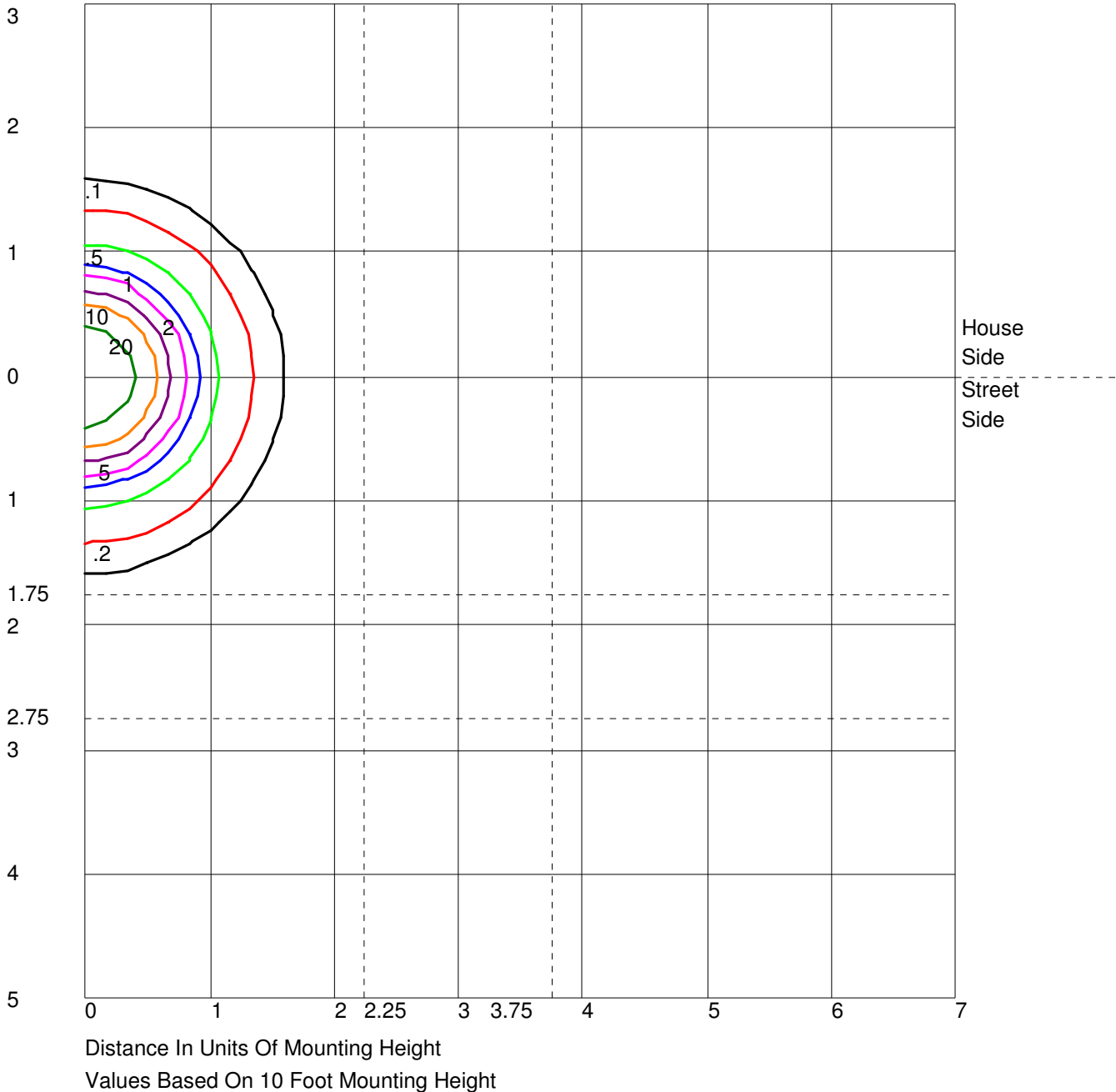


PHOTO LUMENS

