

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-M_(V22)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L50-827U-L50-827D-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	8992
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10939.822
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10939.822
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.804 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.29 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1731.2	N.A.	19.3
FM - Front-Medium (30-60)	481.2	N.A.	5.4
FH - Front-High (60-80)	33.8	N.A.	0.4
FVH - Front-Very High (80-90)	1.9	N.A.	0.0
BL - Back-Low (0-30)	1731.2	N.A.	19.3
BM - Back-Medium (30-60)	481.2	N.A.	5.4
BH - Back-High (60-80)	33.8	N.A.	0.4
BVH - Back-Very High (80-90)	1.9	N.A.	0.0
UL - Uplight-Low (90-100)	3.7	N.A.	0.0
UH - Uplight-High (100-180)	4492.4	N.A.	50.0
Total	8992.3	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	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	9832.276	9846.259	9860.242	9874.209	9888.192	9911.159	9943.111	9975.047	10006.998	10038.950
10	7149.142	7163.366	7177.606	7191.830	7206.054	7228.362	7258.739	7289.132	7319.509	7349.885
15	4707.093	4712.284	4717.492	4722.683	4727.874	4739.061	4756.226	4773.375	4790.541	4807.706
20	3277.249	3280.977	3284.706	3288.451	3292.180	3298.143	3306.339	3314.552	3322.749	3330.946
25	2597.774	2597.227	2596.681	2596.118	2595.572	2596.279	2598.240	2600.185	2602.146	2604.106
30	2008.208	2003.547	1998.886	1994.225	1989.564	1983.874	1977.140	1970.406	1963.688	1956.953
35	1012.429	1012.719	1012.992	1013.281	1013.555	1014.647	1016.560	1018.457	1020.369	1022.266
40	363.090	365.083	367.060	369.053	371.030	374.309	378.873	383.454	388.019	392.583
45	220.850	220.914	220.979	221.027	221.091	221.091	221.027	220.963	220.898	220.834
50	155.468	155.355	155.259	155.146	155.034	154.809	154.439	154.086	153.716	153.362
55	107.106	106.994	106.881	106.769	106.656	106.463	106.174	105.901	105.611	105.322
60	70.654	70.590	70.509	70.445	70.365	70.236	70.059	69.883	69.690	69.513
65	46.787	46.722	46.658	46.578	46.513	46.433	46.337	46.256	46.160	46.063
70	30.698	30.666	30.618	30.586	30.537	30.489	30.441	30.393	30.329	30.280
75	18.885	18.869	18.837	18.821	18.805	18.773	18.756	18.724	18.708	18.676
80	9.113	9.113	9.113	9.113	9.113	9.113	9.129	9.145	9.145	9.161
85	1.913	1.913	1.913	1.929	1.929	1.929	1.929	1.913	1.913	1.913
90	0.643	0.643	0.675	0.675	0.707	0.707	0.707	0.739	0.739	0.739
95	1.913	1.913	1.913	1.929	1.929	1.929	1.929	1.913	1.913	1.913
100	9.113	9.113	9.113	9.113	9.113	9.113	9.129	9.145	9.145	9.161
105	18.885	18.869	18.837	18.821	18.805	18.773	18.756	18.724	18.708	18.676
110	30.698	30.666	30.618	30.586	30.537	30.489	30.441	30.393	30.329	30.280
115	46.787	46.722	46.658	46.578	46.513	46.433	46.337	46.256	46.160	46.063
120	70.654	70.590	70.509	70.445	70.365	70.236	70.059	69.883	69.690	69.513
125	107.106	106.994	106.881	106.769	106.656	106.463	106.174	105.901	105.611	105.322
130	155.468	155.355	155.259	155.146	155.034	154.809	154.439	154.086	153.716	153.362
135	220.850	220.914	220.979	221.027	221.091	221.091	221.027	220.963	220.898	220.834
140	363.090	365.083	367.060	369.053	371.030	374.309	378.873	383.454	388.019	392.583
145	1012.429	1012.719	1012.992	1013.281	1013.555	1014.647	1016.560	1018.457	1020.369	1022.266
150	2008.208	2003.547	1998.886	1994.225	1989.564	1983.874	1977.140	1970.406	1963.688	1956.953
155	2597.774	2597.227	2596.681	2596.118	2595.572	2596.279	2598.240	2600.185	2602.146	2604.106
160	3277.249	3280.977	3284.706	3288.451	3292.180	3298.143	3306.339	3314.552	3322.749	3330.946
165	4707.093	4712.284	4717.492	4722.683	4727.874	4739.061	4756.226	4773.375	4790.541	4807.706
170	7149.142	7163.366	7177.606	7191.830	7206.054	7228.362	7258.739	7289.132	7319.509	7349.885
175	9832.276	9846.259	9860.242	9874.209	9888.192	9911.159	9943.111	9975.063	10006.998	10038.950
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	10068.925	10098.900	10128.875	10158.850	10177.767	10185.643	10193.502	10201.377	10209.253	10201.377
10	7377.900	7405.914	7433.928	7461.942	7479.879	7487.722	7495.565	7503.409	7511.252	7503.409
15	4821.866	4836.041	4850.201	4864.361	4871.899	4872.815	4873.715	4874.631	4875.531	4874.631
20	3337.359	3343.756	3350.169	3356.582	3360.214	3361.082	3361.934	3362.802	3363.670	3362.802
25	2605.167	2606.228	2607.289	2608.349	2609.716	2611.403	2613.075	2614.762	2616.434	2614.762
30	1953.032	1949.126	1945.204	1941.299	1940.029	1941.427	1942.826	1944.224	1945.622	1944.224
35	1026.814	1031.363	1035.911	1040.460	1044.253	1047.258	1050.264	1053.285	1056.291	1053.285
40	396.344	400.121	403.882	407.659	410.311	411.854	413.381	414.924	416.467	414.924
45	220.464	220.095	219.725	219.355	218.841	218.214	217.587	216.945	216.318	216.945
50	152.816	152.286	151.739	151.209	150.743	150.357	149.987	149.601	149.216	149.601
55	104.920	104.535	104.133	103.731	103.393	103.104	102.815	102.526	102.236	102.526

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CANDELA TABULATION - (Cont.)

60	69.272	69.047	68.806	68.565	68.372	68.195	68.034	67.857	67.697	67.857
65	45.919	45.790	45.645	45.501	45.372	45.244	45.115	44.987	44.858	44.987
70	30.216	30.136	30.071	29.991	29.911	29.830	29.750	29.670	29.589	29.670
75	18.644	18.612	18.596	18.564	18.531	18.483	18.451	18.403	18.371	18.403
80	9.193	9.226	9.242	9.274	9.290	9.274	9.274	9.258	9.242	9.258
85	1.913	1.913	1.897	1.897	1.897	1.897	1.880	1.880	1.880	1.880
90	0.739	0.739	0.771	0.771	0.771	0.771	0.804	0.804	0.804	0.804
95	1.913	1.913	1.897	1.897	1.897	1.897	1.880	1.880	1.880	1.880
100	9.193	9.226	9.242	9.274	9.290	9.274	9.274	9.258	9.242	9.258
105	18.644	18.612	18.596	18.564	18.531	18.483	18.451	18.403	18.371	18.403
110	30.216	30.136	30.071	29.991	29.911	29.830	29.750	29.670	29.589	29.670
115	45.919	45.790	45.645	45.501	45.372	45.244	45.115	44.987	44.858	44.987
120	69.272	69.047	68.806	68.565	68.372	68.195	68.034	67.857	67.697	67.857
125	104.920	104.535	104.133	103.731	103.393	103.104	102.815	102.526	102.236	102.526
130	152.816	152.286	151.739	151.209	150.743	150.357	149.987	149.601	149.216	149.601
135	220.464	220.095	219.725	219.355	218.841	218.214	217.587	216.945	216.318	216.945
140	396.344	400.121	403.882	407.659	410.311	411.854	413.381	414.924	416.467	414.924
145	1026.814	1031.363	1035.911	1040.460	1044.253	1047.258	1050.264	1053.285	1056.291	1053.285
150	1953.032	1949.126	1945.204	1941.299	1940.029	1941.427	1942.826	1944.224	1945.622	1944.224
155	2605.167	2606.228	2607.289	2608.349	2609.716	2611.403	2613.075	2614.762	2616.434	2614.762
160	3337.359	3343.756	3350.169	3356.582	3360.214	3361.082	3361.934	3362.802	3363.670	3362.802
165	4821.866	4836.041	4850.201	4864.361	4871.899	4872.815	4873.715	4874.631	4875.531	4874.631
170	7377.900	7405.914	7433.928	7461.942	7479.879	7487.722	7495.565	7503.409	7511.252	7503.409
175	10068.925	10098.900	10128.875	10158.850	10177.767	10185.643	10193.518	10201.377	10209.253	10201.377
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	10193.502	10185.643	10177.767	10158.850	10128.875	10098.900	10068.925	10038.950	10006.998	9975.047
10	7495.565	7487.722	7479.879	7461.942	7433.928	7405.914	7377.900	7349.885	7319.509	7289.132
15	4873.715	4872.815	4871.899	4864.361	4850.201	4836.041	4821.866	4807.706	4790.541	4773.375
20	3361.934	3361.082	3360.214	3356.582	3350.169	3343.756	3337.359	3330.946	3322.749	3314.552
25	2613.075	2611.403	2609.716	2608.349	2607.289	2606.228	2605.167	2604.106	2602.146	2600.185
30	1942.826	1941.427	1940.029	1941.299	1945.204	1949.126	1953.032	1956.953	1963.688	1970.406
35	1050.264	1047.258	1044.253	1040.460	1035.911	1031.363	1026.814	1022.266	1020.369	1018.457
40	413.381	411.854	410.311	407.659	403.882	400.121	396.344	392.583	388.019	383.454
45	217.587	218.214	218.841	219.355	219.725	220.095	220.464	220.834	220.898	220.963
50	149.987	150.357	150.743	151.209	151.739	152.286	152.816	153.362	153.716	154.086
55	102.815	103.104	103.393	103.731	104.133	104.535	104.920	105.322	105.611	105.901
60	68.034	68.195	68.372	68.565	68.806	69.047	69.272	69.513	69.690	69.883
65	45.115	45.244	45.372	45.501	45.645	45.790	45.919	46.063	46.160	46.256
70	29.750	29.830	29.911	29.991	30.071	30.136	30.216	30.280	30.329	30.393
75	18.451	18.483	18.531	18.564	18.596	18.612	18.644	18.676	18.708	18.724
80	9.274	9.274	9.290	9.274	9.242	9.226	9.193	9.161	9.145	9.145
85	1.880	1.897	1.897	1.897	1.897	1.913	1.913	1.913	1.913	1.913
90	0.804	0.771	0.771	0.771	0.771	0.739	0.739	0.739	0.739	0.739
95	1.880	1.897	1.897	1.897	1.897	1.913	1.913	1.913	1.913	1.913
100	9.274	9.274	9.290	9.274	9.242	9.226	9.193	9.161	9.145	9.145
105	18.451	18.483	18.531	18.564	18.596	18.612	18.644	18.676	18.708	18.724
110	29.750	29.830	29.911	29.991	30.071	30.136	30.216	30.280	30.329	30.393
115	45.115	45.244	45.372	45.501	45.645	45.790	45.919	46.063	46.160	46.256
120	68.034	68.195	68.372	68.565	68.806	69.047	69.272	69.513	69.690	69.883
125	102.815	103.104	103.393	103.731	104.133	104.535	104.920	105.322	105.611	105.901
130	149.987	150.357	150.743	151.209	151.739	152.286	152.816	153.362	153.716	154.086

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CANDELA TABULATION - (Cont.)

135	217.587	218.214	218.841	219.355	219.725	220.095	220.464	220.834	220.898	220.963
140	413.381	411.854	410.311	407.659	403.882	400.121	396.344	392.583	388.019	383.454
145	1050.264	1047.258	1044.253	1040.460	1035.911	1031.363	1026.814	1022.266	1020.369	1018.457
150	1942.826	1941.427	1940.029	1941.299	1945.204	1949.126	1953.032	1956.953	1963.688	1970.406
155	2613.075	2611.403	2609.716	2608.349	2607.289	2606.228	2605.167	2604.106	2602.146	2600.185
160	3361.934	3361.082	3360.214	3356.582	3350.169	3343.756	3337.359	3330.946	3322.749	3314.552
165	4873.715	4872.815	4871.899	4864.361	4850.201	4836.041	4821.866	4807.706	4790.541	4773.375
170	7495.565	7487.722	7479.879	7461.942	7433.928	7405.914	7377.900	7349.885	7319.509	7289.132
175	10193.518	10185.643	10177.767	10158.850	10128.875	10098.900	10068.925	10038.950	10006.998	9975.063
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

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	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	9943.111	9911.159	9888.192	9874.209	9860.242	9846.259	9832.276	9846.259	9860.242	9874.209
10	7258.739	7228.362	7206.054	7191.830	7177.606	7163.366	7149.142	7163.366	7177.606	7191.830
15	4756.226	4739.061	4727.874	4722.683	4717.492	4712.284	4707.093	4712.284	4717.492	4722.683
20	3306.339	3298.143	3292.180	3288.451	3284.706	3280.977	3277.249	3280.977	3284.706	3288.451
25	2598.240	2596.279	2595.572	2596.118	2596.681	2597.227	2597.774	2597.227	2596.681	2596.118
30	1977.140	1983.874	1989.564	1994.225	1998.886	2003.547	2008.208	2003.547	1998.886	1994.225
35	1016.560	1014.647	1013.555	1013.281	1012.992	1012.719	1012.429	1012.719	1012.992	1013.281
40	378.873	374.309	371.030	369.053	367.060	365.083	363.090	365.083	367.060	369.053
45	221.027	221.091	221.091	221.027	220.979	220.914	220.850	220.914	220.979	221.027
50	154.439	154.809	155.034	155.146	155.259	155.355	155.468	155.355	155.259	155.146
55	106.174	106.463	106.656	106.769	106.881	106.994	107.106	106.994	106.881	106.769
60	70.059	70.236	70.365	70.445	70.509	70.590	70.654	70.590	70.509	70.445
65	46.337	46.433	46.513	46.578	46.658	46.722	46.787	46.722	46.658	46.578
70	30.441	30.489	30.537	30.586	30.618	30.666	30.698	30.666	30.618	30.586
75	18.756	18.773	18.805	18.821	18.837	18.869	18.885	18.869	18.837	18.821
80	9.129	9.113	9.113	9.113	9.113	9.113	9.113	9.113	9.113	9.113
85	1.929	1.929	1.929	1.929	1.913	1.913	1.913	1.913	1.913	1.929
90	0.707	0.707	0.707	0.675	0.675	0.643	0.643	0.643	0.675	0.675
95	1.929	1.929	1.929	1.929	1.913	1.913	1.913	1.913	1.913	1.929
100	9.129	9.113	9.113	9.113	9.113	9.113	9.113	9.113	9.113	9.113
105	18.756	18.773	18.805	18.821	18.837	18.869	18.885	18.869	18.837	18.821
110	30.441	30.489	30.537	30.586	30.618	30.666	30.698	30.666	30.618	30.586
115	46.337	46.433	46.513	46.578	46.658	46.722	46.787	46.722	46.658	46.578
120	70.059	70.236	70.365	70.445	70.509	70.590	70.654	70.590	70.509	70.445
125	106.174	106.463	106.656	106.769	106.881	106.994	107.106	106.994	106.881	106.769
130	154.439	154.809	155.034	155.146	155.259	155.355	155.468	155.355	155.259	155.146
135	221.027	221.091	221.091	221.027	220.979	220.914	220.850	220.914	220.979	221.027
140	378.873	374.309	371.030	369.053	367.060	365.083	363.090	365.083	367.060	369.053
145	1016.560	1014.647	1013.555	1013.281	1012.992	1012.719	1012.429	1012.719	1012.992	1013.281
150	1977.140	1983.874	1989.564	1994.225	1998.886	2003.547	2008.208	2003.547	1998.886	1994.225
155	2598.240	2596.279	2595.572	2596.118	2596.681	2597.227	2597.774	2597.227	2596.681	2596.118
160	3306.339	3298.143	3292.180	3288.451	3284.706	3280.977	3277.249	3280.977	3284.706	3288.451
165	4756.226	4739.061	4727.874	4722.683	4717.492	4712.284	4707.093	4712.284	4717.492	4722.683
170	7258.739	7228.362	7206.054	7191.830	7177.606	7163.366	7149.142	7163.366	7177.606	7191.830
175	9943.111	9911.159	9888.192	9874.209	9860.242	9846.259	9832.276	9846.259	9860.242	9874.209
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

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	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

5	9888.192	9911.159	9943.111	9975.047	10006.998	10038.950	10068.925	10098.900	10128.875	10158.850
10	7206.054	7228.362	7258.739	7289.132	7319.509	7349.885	7377.900	7405.914	7433.928	7461.942
15	4727.874	4739.061	4756.226	4773.375	4790.541	4807.706	4821.866	4836.041	4850.201	4864.361
20	3292.180	3298.143	3306.339	3314.552	3322.749	3330.946	3337.359	3343.756	3350.169	3356.582
25	2595.572	2596.279	2598.240	2600.185	2602.146	2604.106	2605.167	2606.228	2607.289	2608.349
30	1989.564	1983.874	1977.140	1970.406	1963.688	1956.953	1953.032	1949.126	1945.204	1941.299
35	1013.555	1014.647	1016.560	1018.457	1020.369	1022.266	1026.814	1031.363	1035.911	1040.460
40	371.030	374.309	378.873	383.454	388.019	392.583	396.344	400.121	403.882	407.659
45	221.091	221.091	221.027	220.963	220.898	220.834	220.464	220.095	219.725	219.355
50	155.034	154.809	154.439	154.086	153.716	153.362	152.816	152.286	151.739	151.209
55	106.656	106.463	106.174	105.901	105.611	105.322	104.920	104.535	104.133	103.731
60	70.365	70.236	70.059	69.883	69.690	69.513	69.272	69.047	68.806	68.565
65	46.513	46.433	46.337	46.256	46.160	46.063	45.919	45.790	45.645	45.501
70	30.537	30.489	30.441	30.393	30.329	30.280	30.216	30.136	30.071	29.991
75	18.805	18.773	18.756	18.724	18.708	18.676	18.644	18.612	18.596	18.564
80	9.113	9.113	9.129	9.145	9.145	9.161	9.193	9.226	9.242	9.274
85	1.929	1.929	1.929	1.913	1.913	1.913	1.913	1.913	1.897	1.897
90	0.707	0.707	0.707	0.739	0.739	0.739	0.739	0.739	0.771	0.771
95	1.929	1.929	1.929	1.913	1.913	1.913	1.913	1.913	1.897	1.897
100	9.113	9.113	9.129	9.145	9.145	9.161	9.193	9.226	9.242	9.274
105	18.805	18.773	18.756	18.724	18.708	18.676	18.644	18.612	18.596	18.564
110	30.537	30.489	30.441	30.393	30.329	30.280	30.216	30.136	30.071	29.991
115	46.513	46.433	46.337	46.256	46.160	46.063	45.919	45.790	45.645	45.501
120	70.365	70.236	70.059	69.883	69.690	69.513	69.272	69.047	68.806	68.565
125	106.656	106.463	106.174	105.901	105.611	105.322	104.920	104.535	104.133	103.731
130	155.034	154.809	154.439	154.086	153.716	153.362	152.816	152.286	151.739	151.209
135	221.091	221.091	221.027	220.963	220.898	220.834	220.464	220.095	219.725	219.355
140	371.030	374.309	378.873	383.454	388.019	392.583	396.344	400.121	403.882	407.659
145	1013.555	1014.647	1016.560	1018.457	1020.369	1022.266	1026.814	1031.363	1035.911	1040.460
150	1989.564	1983.874	1977.140	1970.406	1963.688	1956.953	1953.032	1949.126	1945.204	1941.299
155	2595.572	2596.279	2598.240	2600.185	2602.146	2604.106	2605.167	2606.228	2607.289	2608.349
160	3292.180	3298.143	3306.339	3314.552	3322.749	3330.946	3337.359	3343.756	3350.169	3356.582
165	4727.874	4739.061	4756.226	4773.375	4790.541	4807.706	4821.866	4836.041	4850.201	4864.361
170	7206.054	7228.362	7258.739	7289.132	7319.509	7349.885	7377.900	7405.914	7433.928	7461.942
175	9888.192	9911.159	9943.111	9975.063	10006.998	10038.950	10068.925	10098.900	10128.875	10158.850
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

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	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	10177.767	10185.643	10193.502	10201.377	10209.253	10201.377	10193.502	10185.643	10177.767	10158.850
10	7479.879	7487.722	7495.565	7503.409	7511.252	7503.409	7495.565	7487.722	7479.879	7461.942
15	4871.899	4872.815	4873.715	4874.631	4875.531	4874.631	4873.715	4872.815	4871.899	4864.361
20	3360.214	3361.082	3361.934	3362.802	3363.670	3362.802	3361.934	3361.082	3360.214	3356.582
25	2609.716	2611.403	2613.075	2614.762	2616.434	2614.762	2613.075	2611.403	2609.716	2608.349
30	1940.029	1941.427	1942.826	1944.224	1945.622	1944.224	1942.826	1941.427	1940.029	1941.299
35	1044.253	1047.258	1050.264	1053.285	1056.291	1053.285	1050.264	1047.258	1044.253	1040.460
40	410.311	411.854	413.381	414.924	416.467	414.924	413.381	411.854	410.311	407.659
45	218.841	218.214	217.587	216.945	216.318	216.945	217.587	218.214	218.841	219.355
50	150.743	150.357	149.987	149.601	149.216	149.601	149.987	150.357	150.743	151.209
55	103.393	103.104	102.815	102.526	102.236	102.526	102.815	103.104	103.393	103.731
60	68.372	68.195	68.034	67.857	67.697	67.857	68.034	68.195	68.372	68.565
65	45.372	45.244	45.115	44.987	44.858	44.987	45.115	45.244	45.372	45.501
70	29.911	29.830	29.750	29.670	29.589	29.670	29.750	29.830	29.911	29.991
75	18.531	18.483	18.451	18.403	18.371	18.403	18.451	18.483	18.531	18.564

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

80	9.290	9.274	9.274	9.258	9.242	9.258	9.274	9.274	9.290	9.274
85	1.897	1.897	1.880	1.880	1.880	1.880	1.880	1.897	1.897	1.897
90	0.771	0.771	0.804	0.804	0.804	0.804	0.804	0.771	0.771	0.771
95	1.897	1.897	1.880	1.880	1.880	1.880	1.880	1.897	1.897	1.897
100	9.290	9.274	9.274	9.258	9.242	9.258	9.274	9.274	9.290	9.274
105	18.531	18.483	18.451	18.403	18.371	18.403	18.451	18.483	18.531	18.564
110	29.911	29.830	29.750	29.670	29.589	29.670	29.750	29.830	29.911	29.991
115	45.372	45.244	45.115	44.987	44.858	44.987	45.115	45.244	45.372	45.501
120	68.372	68.195	68.034	67.857	67.697	67.857	68.034	68.195	68.372	68.565
125	103.393	103.104	102.815	102.526	102.236	102.526	102.815	103.104	103.393	103.731
130	150.743	150.357	149.987	149.601	149.216	149.601	149.987	150.357	150.743	151.209
135	218.841	218.214	217.587	216.945	216.318	216.945	217.587	218.214	218.841	219.355
140	410.311	411.854	413.381	414.924	416.467	414.924	413.381	411.854	410.311	407.659
145	1044.253	1047.258	1050.264	1053.285	1056.291	1053.285	1050.264	1047.258	1044.253	1040.460
150	1940.029	1941.427	1942.826	1944.224	1945.622	1944.224	1942.826	1941.427	1940.029	1941.299
155	2609.716	2611.403	2613.075	2614.762	2616.434	2614.762	2613.075	2611.403	2609.716	2608.349
160	3360.214	3361.082	3361.934	3362.802	3363.670	3362.802	3361.934	3361.082	3360.214	3356.582
165	4871.899	4872.815	4873.715	4874.631	4875.531	4874.631	4873.715	4872.815	4871.899	4864.361
170	7479.879	7487.722	7495.565	7503.409	7511.252	7503.409	7495.565	7487.722	7479.879	7461.942
175	10177.767	10185.643	10193.518	10201.377	10209.253	10201.377	10193.518	10185.643	10177.767	10158.850
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

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	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822	10939.822
5	10128.875	10098.900	10068.925	10038.950	10006.998	9989.75	9943.111	9911.159	9888.192	9874.209
10	7433.928	7405.914	7377.900	7349.885	7319.509	7289.132	7258.739	7228.362	7206.054	7191.830
15	4850.201	4836.041	4821.866	4807.706	4790.541	4773.375	4756.226	4739.061	4727.874	4722.683
20	3350.169	3343.756	3337.359	3330.946	3322.749	3314.552	3306.339	3298.143	3292.180	3288.451
25	2607.289	2606.228	2605.167	2604.106	2602.146	2600.185	2598.240	2596.279	2595.572	2596.118
30	1945.204	1949.126	1953.032	1956.953	1963.688	1970.406	1977.140	1983.874	1989.564	1994.225
35	1035.911	1031.363	1026.814	1022.266	1020.369	1018.457	1016.560	1014.647	1013.555	1013.281
40	403.882	400.121	396.344	392.583	388.019	383.454	378.873	374.309	371.030	369.053
45	219.725	220.095	220.464	220.834	220.898	220.963	221.027	221.091	221.091	221.027
50	151.739	152.286	152.816	153.362	153.716	154.086	154.439	154.809	155.034	155.146
55	104.133	104.535	104.920	105.322	105.611	105.901	106.174	106.463	106.656	106.769
60	68.806	69.047	69.272	69.513	69.690	69.883	70.059	70.236	70.365	70.445
65	45.645	45.790	45.919	46.063	46.160	46.256	46.337	46.433	46.513	46.578
70	30.071	30.136	30.216	30.280	30.329	30.393	30.441	30.489	30.537	30.586
75	18.596	18.612	18.644	18.676	18.708	18.724	18.756	18.773	18.805	18.821
80	9.242	9.226	9.193	9.161	9.145	9.145	9.129	9.113	9.113	9.113
85	1.897	1.913	1.913	1.913	1.913	1.913	1.929	1.929	1.929	1.929
90	0.771	0.739	0.739	0.739	0.739	0.739	0.707	0.707	0.707	0.675
95	1.897	1.913	1.913	1.913	1.913	1.913	1.929	1.929	1.929	1.929
100	9.242	9.226	9.193	9.161	9.145	9.145	9.129	9.113	9.113	9.113
105	18.596	18.612	18.644	18.676	18.708	18.724	18.756	18.773	18.805	18.821
110	30.071	30.136	30.216	30.280	30.329	30.393	30.441	30.489	30.537	30.586
115	45.645	45.790	45.919	46.063	46.160	46.256	46.337	46.433	46.513	46.578
120	68.806	69.047	69.272	69.513	69.690	69.883	70.059	70.236	70.365	70.445
125	104.133	104.535	104.920	105.322	105.611	105.901	106.174	106.463	106.656	106.769
130	151.739	152.286	152.816	153.362	153.716	154.086	154.439	154.809	155.034	155.146
135	219.725	220.095	220.464	220.834	220.898	220.963	221.027	221.091	221.091	221.027
140	403.882	400.121	396.344	392.583	388.019	383.454	378.873	374.309	371.030	369.053
145	1035.911	1031.363	1026.814	1022.266	1020.369	1018.457	1016.560	1014.647	1013.555	1013.281
150	1945.204	1949.126	1953.032	1956.953	1963.688	1970.406	1977.140	1983.874	1989.564	1994.225

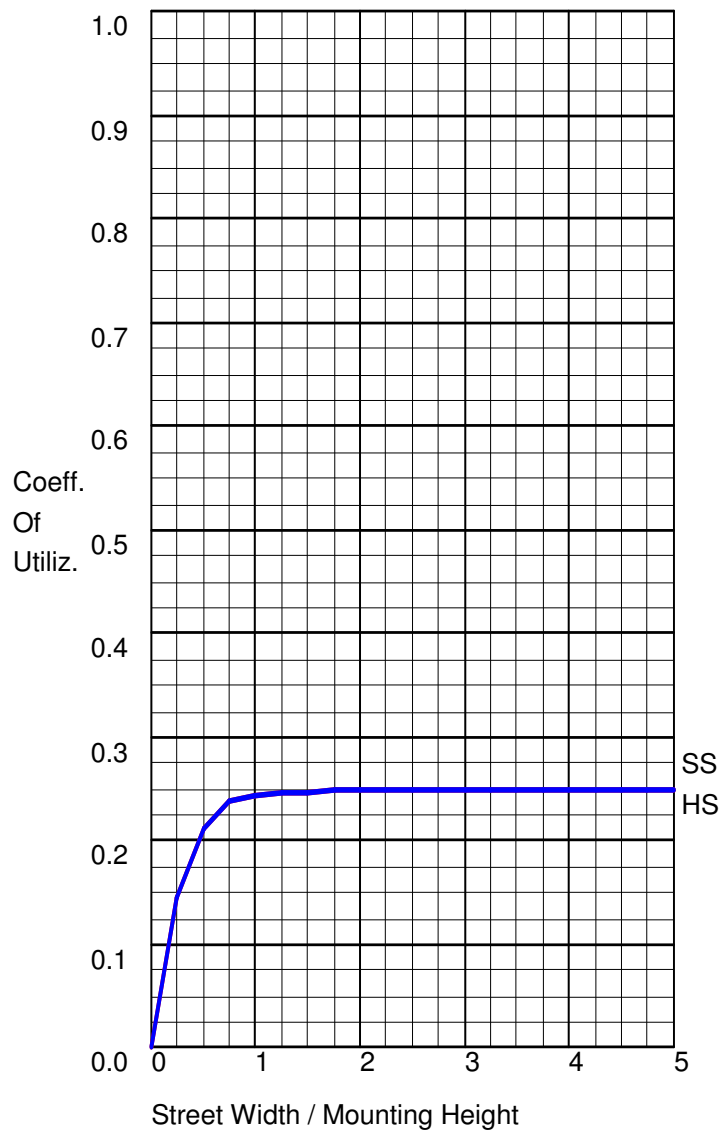
IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES****CANDELA TABULATION - (Cont.)**

155	2607.289	2606.228	2605.167	2604.106	2602.146	2600.185	2598.240	2596.279	2595.572	2596.118
160	3350.169	3343.756	3337.359	3330.946	3322.749	3314.552	3306.339	3298.143	3292.180	3288.451
165	4850.201	4836.041	4821.866	4807.706	4790.541	4773.375	4756.226	4739.061	4727.874	4722.683
170	7433.928	7405.914	7377.900	7349.885	7319.509	7289.132	7258.739	7228.362	7206.054	7191.830
175	10128.875	10098.900	10068.925	10038.950	10006.998	9975.063	9943.111	9911.159	9888.192	9874.209
180	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841	10938.841

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	10939.822	10939.822	10939.822
5	9860.242	9846.259	9832.276
10	7177.606	7163.366	7149.142
15	4717.492	4712.284	4707.093
20	3284.706	3280.977	3277.249
25	2596.681	2597.227	2597.774
30	1998.886	2003.547	2008.208
35	1012.992	1012.719	1012.429
40	367.060	365.083	363.090
45	220.979	220.914	220.850
50	155.259	155.355	155.468
55	106.881	106.994	107.106
60	70.509	70.590	70.654
65	46.658	46.722	46.787
70	30.618	30.666	30.698
75	18.837	18.869	18.885
80	9.113	9.113	9.113
85	1.913	1.913	1.913
90	0.675	0.643	0.643
95	1.913	1.913	1.913
100	9.113	9.113	9.113
105	18.837	18.869	18.885
110	30.618	30.666	30.698
115	46.658	46.722	46.787
120	70.509	70.590	70.654
125	106.881	106.994	107.106
130	155.259	155.355	155.468
135	220.979	220.914	220.850
140	367.060	365.083	363.090
145	1012.992	1012.719	1012.429
150	1998.886	2003.547	2008.208
155	2596.681	2597.227	2597.774
160	3284.706	3280.977	3277.249
165	4717.492	4712.284	4707.093
170	7177.606	7163.366	7149.142
175	9860.242	9846.259	9832.276
180	10938.841	10938.841	10938.841

COEFFICIENTS OF UTILIZATION



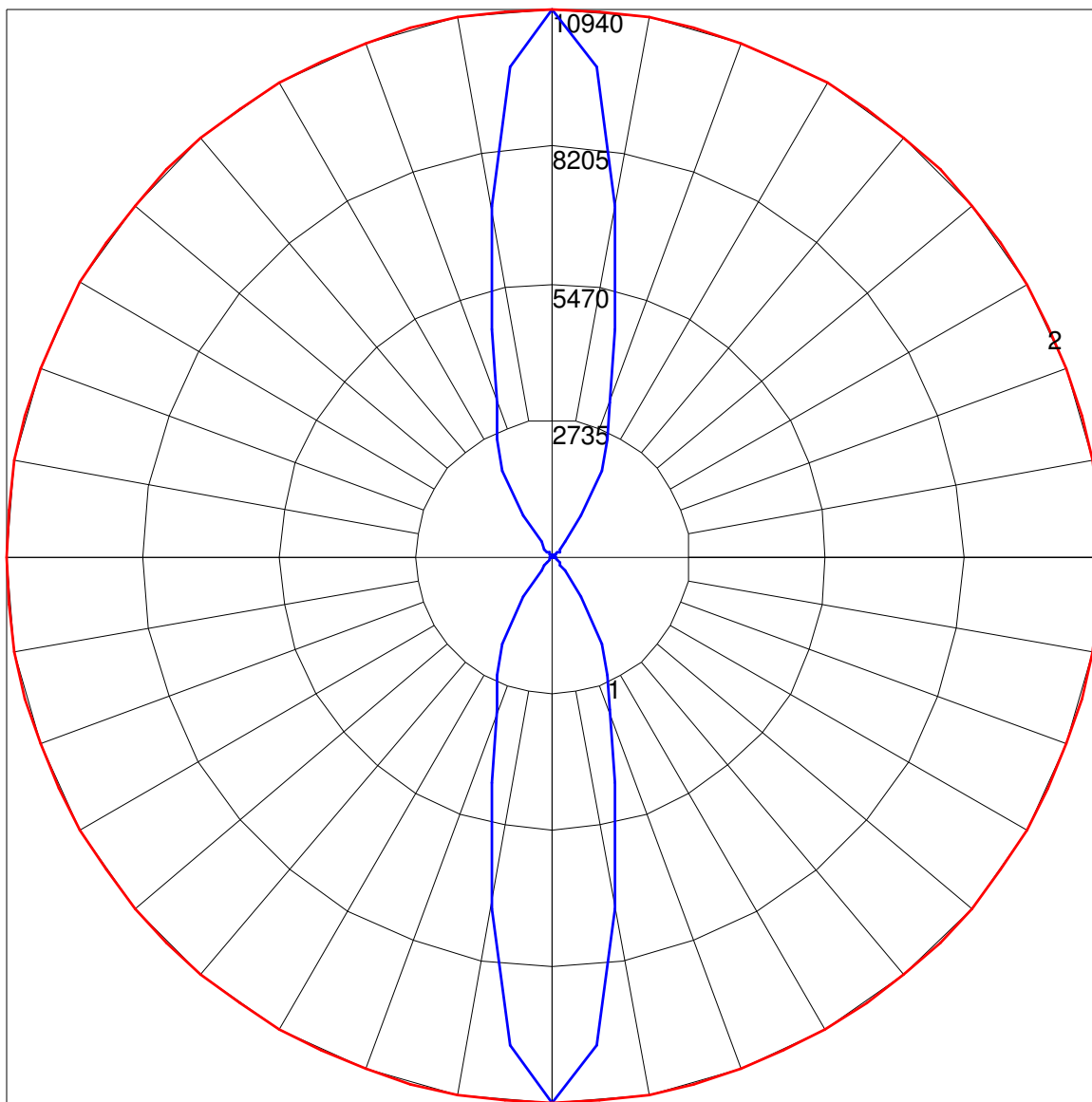
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2248.1	25.0
Downward House Side	2248.1	25.0
Downward Total	4496.2	50.0
Upward Street Side	2248.1	25.0
Upward House Side	2248.1	25.0
Upward Total	4496.2	50.0
Total Flux	8992.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10939.822 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

