

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-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-L50-950U-L50-950D-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	8625
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10493.301
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10493.301
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.771 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.911 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1660.6	N.A.	19.3
FM - Front-Medium (30-60)	461.6	N.A.	5.4
FH - Front-High (60-80)	32.4	N.A.	0.4
FVH - Front-Very High (80-90)	1.8	N.A.	0.0
BL - Back-Low (0-30)	1660.6	N.A.	19.3
BM - Back-Medium (30-60)	461.6	N.A.	5.4
BH - Back-High (60-80)	32.4	N.A.	0.4
BVH - Back-Very High (80-90)	1.8	N.A.	0.0
UL - Uplight-Low (90-100)	3.6	N.A.	0.0
UH - Uplight-High (100-180)	4309.1	N.A.	50.0
Total	8625.5	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	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9430.961	9444.373	9457.786	9471.182	9484.595	9506.625	9537.272	9567.905	9598.552	9629.200
10	6857.342	6870.985	6884.644	6898.288	6911.931	6933.329	6962.466	6991.618	7020.755	7049.892
15	4514.968	4519.947	4524.942	4529.922	4534.901	4545.631	4562.096	4578.545	4595.010	4611.474
20	3143.484	3147.061	3150.637	3154.229	3157.806	3163.525	3171.388	3179.265	3187.128	3194.990
25	2491.743	2491.219	2490.695	2490.155	2489.631	2490.309	2492.190	2494.055	2495.936	2497.817
30	1926.241	1921.770	1917.299	1912.829	1908.358	1902.900	1896.441	1889.982	1883.538	1877.078
35	971.106	971.384	971.646	971.923	972.185	973.234	975.068	976.887	978.722	980.541
40	348.271	350.182	352.078	353.990	355.886	359.031	363.409	367.803	372.181	376.560
45	211.836	211.898	211.959	212.006	212.067	212.067	212.006	211.944	211.882	211.821
50	149.122	149.014	148.922	148.814	148.706	148.490	148.136	147.796	147.442	147.103
55	102.734	102.627	102.519	102.411	102.303	102.118	101.840	101.578	101.301	101.023
60	67.770	67.709	67.631	67.570	67.493	67.369	67.200	67.030	66.845	66.676
65	44.877	44.815	44.754	44.677	44.615	44.538	44.445	44.368	44.276	44.183
70	29.445	29.414	29.368	29.337	29.291	29.245	29.199	29.152	29.091	29.044
75	18.114	18.099	18.068	18.053	18.037	18.006	17.991	17.960	17.945	17.914
80	8.741	8.741	8.741	8.741	8.741	8.741	8.756	8.772	8.772	8.787
85	1.835	1.835	1.835	1.850	1.850	1.850	1.850	1.835	1.835	1.835
90	0.617	0.617	0.647	0.647	0.678	0.678	0.678	0.709	0.709	0.709
95	1.835	1.835	1.835	1.850	1.850	1.850	1.850	1.835	1.835	1.835
100	8.741	8.741	8.741	8.741	8.741	8.741	8.756	8.772	8.772	8.787
105	18.114	18.099	18.068	18.053	18.037	18.006	17.991	17.960	17.945	17.914
110	29.445	29.414	29.368	29.337	29.291	29.245	29.199	29.152	29.091	29.044
115	44.877	44.815	44.754	44.677	44.615	44.538	44.445	44.368	44.276	44.183
120	67.770	67.709	67.631	67.570	67.493	67.369	67.200	67.030	66.845	66.676
125	102.734	102.627	102.519	102.411	102.303	102.118	101.840	101.578	101.301	101.023
130	149.122	149.014	148.922	148.814	148.706	148.490	148.136	147.796	147.442	147.103
135	211.836	211.898	211.959	212.006	212.067	212.067	212.006	211.944	211.882	211.821
140	348.271	350.182	352.078	353.990	355.886	359.031	363.409	367.803	372.181	376.560
145	971.106	971.384	971.646	971.923	972.185	973.234	975.068	976.887	978.722	980.541
150	1926.241	1921.770	1917.299	1912.829	1908.358	1902.900	1896.441	1889.982	1883.538	1877.078
155	2491.743	2491.219	2490.695	2490.155	2489.631	2490.309	2492.190	2494.055	2495.936	2497.817
160	3143.484	3147.061	3150.637	3154.229	3157.806	3163.525	3171.388	3179.265	3187.128	3194.990
165	4514.968	4519.947	4524.942	4529.922	4534.901	4545.631	4562.096	4578.545	4595.010	4611.474
170	6857.342	6870.985	6884.644	6898.288	6911.931	6933.329	6962.466	6991.618	7020.755	7049.892
175	9430.961	9444.373	9457.786	9471.182	9484.595	9506.625	9537.272	9567.920	9598.552	9629.200
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9657.951	9686.703	9715.454	9744.206	9762.351	9769.905	9777.443	9784.997	9792.551	9784.997
10	7076.763	7103.633	7130.504	7157.375	7174.579	7182.103	7189.626	7197.149	7204.672	7197.149
15	4625.056	4638.653	4652.235	4665.817	4673.047	4673.926	4674.789	4675.668	4676.531	4675.668
20	3201.141	3207.277	3213.428	3219.579	3223.063	3223.896	3224.713	3225.545	3226.378	3225.545
25	2498.834	2499.852	2500.869	2501.887	2503.197	2504.816	2506.419	2508.038	2509.641	2508.038
30	1873.317	1869.570	1865.809	1862.063	1860.845	1862.186	1863.527	1864.868	1866.210	1864.868
35	984.904	989.267	993.629	997.992	1001.630	1004.513	1007.396	1010.294	1013.177	1010.294
40	380.167	383.790	387.397	391.020	393.564	395.044	396.508	397.988	399.468	397.988
45	211.466	211.111	210.757	210.402	209.909	209.308	208.706	208.090	207.489	208.090
50	146.579	146.070	145.546	145.037	144.590	144.220	143.865	143.495	143.125	143.495
55	100.638	100.268	99.882	99.497	99.173	98.896	98.618	98.341	98.063	98.341

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## CANDELA TABULATION - (Cont.)

60	66.444	66.229	65.997	65.766	65.581	65.412	65.257	65.088	64.934	65.088
65	44.044	43.921	43.782	43.644	43.520	43.397	43.274	43.150	43.027	43.150
70	28.983	28.906	28.844	28.767	28.690	28.613	28.536	28.459	28.381	28.459
75	17.883	17.852	17.837	17.806	17.775	17.729	17.698	17.652	17.621	17.652
80	8.818	8.849	8.864	8.895	8.911	8.895	8.895	8.880	8.864	8.880
85	1.835	1.835	1.819	1.819	1.819	1.819	1.804	1.804	1.804	1.804
90	0.709	0.709	0.740	0.740	0.740	0.740	0.771	0.771	0.771	0.771
95	1.835	1.835	1.819	1.819	1.819	1.819	1.804	1.804	1.804	1.804
100	8.818	8.849	8.864	8.895	8.911	8.895	8.895	8.880	8.864	8.880
105	17.883	17.852	17.837	17.806	17.775	17.729	17.698	17.652	17.621	17.652
110	28.983	28.906	28.844	28.767	28.690	28.613	28.536	28.459	28.381	28.459
115	44.044	43.921	43.782	43.644	43.520	43.397	43.274	43.150	43.027	43.150
120	66.444	66.229	65.997	65.766	65.581	65.412	65.257	65.088	64.934	65.088
125	100.638	100.268	99.882	99.497	99.173	98.896	98.618	98.341	98.063	98.341
130	146.579	146.070	145.546	145.037	144.590	144.220	143.865	143.495	143.125	143.495
135	211.466	211.111	210.757	210.402	209.909	209.308	208.706	208.090	207.489	208.090
140	380.167	383.790	387.397	391.020	393.564	395.044	396.508	397.988	399.468	397.988
145	984.904	989.267	993.629	997.992	1001.630	1004.513	1007.396	1010.294	1013.177	1010.294
150	1873.317	1869.570	1865.809	1862.063	1860.845	1862.186	1863.527	1864.868	1866.210	1864.868
155	2498.834	2499.852	2500.869	2501.887	2503.197	2504.816	2506.419	2508.038	2509.641	2508.038
160	3201.141	3207.277	3213.428	3219.579	3223.063	3223.896	3224.713	3225.545	3226.378	3225.545
165	4625.056	4638.653	4652.235	4665.817	4673.047	4673.926	4674.789	4675.668	4676.531	4675.668
170	7076.763	7103.633	7130.504	7157.375	7174.579	7182.103	7189.626	7197.149	7204.672	7197.149
175	9657.951	9686.703	9715.454	9744.206	9762.351	9769.905	9777.459	9784.997	9792.551	9784.997
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9777.443	9769.905	9762.351	9744.206	9715.454	9686.703	9657.951	9629.200	9598.552	9567.905
10	7189.626	7182.103	7174.579	7157.375	7130.504	7103.633	7076.763	7049.892	7020.755	6991.618
15	4674.789	4673.926	4673.047	4665.817	4652.235	4638.653	4625.056	4611.474	4595.010	4578.545
20	3224.713	3223.896	3223.063	3219.579	3213.428	3207.277	3201.141	3194.990	3187.128	3179.265
25	2506.419	2504.816	2503.197	2501.887	2500.869	2499.852	2498.834	2497.817	2495.936	2494.055
30	1863.527	1862.186	1860.845	1862.063	1865.809	1869.570	1873.317	1877.078	1883.538	1889.982
35	1007.396	1004.513	1001.630	997.992	993.629	989.267	984.904	980.541	978.722	976.887
40	396.508	395.044	393.564	391.020	387.397	383.790	380.167	376.560	372.181	367.803
45	208.706	209.308	209.909	210.402	210.757	211.111	211.466	211.821	211.882	211.944
50	143.865	144.220	144.590	145.037	145.546	146.070	146.579	147.103	147.442	147.796
55	98.618	98.896	99.173	99.497	99.882	100.268	100.638	101.023	101.301	101.578
60	65.257	65.412	65.581	65.766	65.997	66.229	66.444	66.676	66.845	67.030
65	43.274	43.397	43.520	43.644	43.782	43.921	44.044	44.183	44.276	44.368
70	28.536	28.613	28.690	28.767	28.844	28.906	28.983	29.044	29.091	29.152
75	17.698	17.729	17.775	17.806	17.837	17.852	17.883	17.914	17.945	17.960
80	8.895	8.895	8.911	8.895	8.864	8.849	8.818	8.787	8.772	8.772
85	1.804	1.819	1.819	1.819	1.819	1.835	1.835	1.835	1.835	1.835
90	0.771	0.740	0.740	0.740	0.740	0.709	0.709	0.709	0.709	0.709
95	1.804	1.819	1.819	1.819	1.819	1.835	1.835	1.835	1.835	1.835
100	8.895	8.895	8.911	8.895	8.864	8.849	8.818	8.787	8.772	8.772
105	17.698	17.729	17.775	17.806	17.837	17.852	17.883	17.914	17.945	17.960
110	28.536	28.613	28.690	28.767	28.844	28.906	28.983	29.044	29.091	29.152
115	43.274	43.397	43.520	43.644	43.782	43.921	44.044	44.183	44.276	44.368
120	65.257	65.412	65.581	65.766	65.997	66.229	66.444	66.676	66.845	67.030
125	98.618	98.896	99.173	99.497	99.882	100.268	100.638	101.023	101.301	101.578
130	143.865	144.220	144.590	145.037	145.546	146.070	146.579	147.103	147.442	147.796

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**CANDELA TABULATION - (Cont.)**

135	208.706	209.308	209.909	210.402	210.757	211.111	211.466	211.821	211.882	211.944
140	396.508	395.044	393.564	391.020	387.397	383.790	380.167	376.560	372.181	367.803
145	1007.396	1004.513	1001.630	997.992	993.629	989.267	984.904	980.541	978.722	976.887
150	1863.527	1862.186	1860.845	1862.063	1865.809	1869.570	1873.317	1877.078	1883.538	1889.982
155	2506.419	2504.816	2503.197	2501.887	2500.869	2499.852	2498.834	2497.817	2495.936	2494.055
160	3224.713	3223.896	3223.063	3219.579	3213.428	3207.277	3201.141	3194.990	3187.128	3179.265
165	4674.789	4673.926	4673.047	4665.817	4652.235	4638.653	4625.056	4611.474	4595.010	4578.545
170	7189.626	7182.103	7174.579	7157.375	7130.504	7103.633	7076.763	7049.892	7020.755	6991.618
175	9777.459	9769.905	9762.351	9744.206	9715.454	9686.703	9657.951	9629.200	9598.552	9567.920
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

**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	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9537.272	9506.625	9484.595	9471.182	9457.786	9444.373	9430.961	9444.373	9457.786	9471.182
10	6962.466	6933.329	6911.931	6898.288	6884.644	6870.985	6857.342	6870.985	6884.644	6898.288
15	4562.096	4545.631	4534.901	4529.922	4524.942	4519.947	4514.968	4519.947	4524.942	4529.922
20	3171.388	3163.525	3157.806	3154.229	3150.637	3147.061	3143.484	3147.061	3150.637	3154.229
25	2492.190	2490.309	2489.631	2490.155	2490.695	2491.219	2491.743	2491.219	2490.695	2490.155
30	1896.441	1902.900	1908.358	1912.829	1917.299	1921.770	1926.241	1921.770	1917.299	1912.829
35	975.068	973.234	972.185	971.923	971.646	971.384	971.106	971.384	971.646	971.923
40	363.409	359.031	355.886	353.990	352.078	350.182	348.271	350.182	352.078	353.990
45	212.006	212.067	212.067	212.006	211.959	211.898	211.836	211.898	211.959	212.006
50	148.136	148.490	148.706	148.814	148.922	149.014	149.122	149.014	148.922	148.814
55	101.840	102.118	102.303	102.411	102.519	102.627	102.734	102.627	102.519	102.411
60	67.200	67.369	67.493	67.570	67.631	67.709	67.770	67.709	67.631	67.570
65	44.445	44.538	44.615	44.677	44.754	44.815	44.877	44.815	44.754	44.677
70	29.199	29.245	29.291	29.337	29.368	29.414	29.445	29.414	29.368	29.337
75	17.991	18.006	18.037	18.053	18.068	18.099	18.114	18.099	18.068	18.053
80	8.756	8.741	8.741	8.741	8.741	8.741	8.741	8.741	8.741	8.741
85	1.850	1.850	1.850	1.850	1.835	1.835	1.835	1.835	1.835	1.850
90	0.678	0.678	0.678	0.647	0.647	0.617	0.617	0.617	0.647	0.647
95	1.850	1.850	1.850	1.850	1.835	1.835	1.835	1.835	1.835	1.850
100	8.756	8.741	8.741	8.741	8.741	8.741	8.741	8.741	8.741	8.741
105	17.991	18.006	18.037	18.053	18.068	18.099	18.114	18.099	18.068	18.053
110	29.199	29.245	29.291	29.337	29.368	29.414	29.445	29.414	29.368	29.337
115	44.445	44.538	44.615	44.677	44.754	44.815	44.877	44.815	44.754	44.677
120	67.200	67.369	67.493	67.570	67.631	67.709	67.770	67.709	67.631	67.570
125	101.840	102.118	102.303	102.411	102.519	102.627	102.734	102.627	102.519	102.411
130	148.136	148.490	148.706	148.814	148.922	149.014	149.122	149.014	148.922	148.814
135	212.006	212.067	212.067	212.006	211.959	211.898	211.836	211.898	211.959	212.006
140	363.409	359.031	355.886	353.990	352.078	350.182	348.271	350.182	352.078	353.990
145	975.068	973.234	972.185	971.923	971.646	971.384	971.106	971.384	971.646	971.923
150	1896.441	1902.900	1908.358	1912.829	1917.299	1921.770	1926.241	1921.770	1917.299	1912.829
155	2492.190	2490.309	2489.631	2490.155	2490.695	2491.219	2491.743	2491.219	2490.695	2490.155
160	3171.388	3163.525	3157.806	3154.229	3150.637	3147.061	3143.484	3147.061	3150.637	3154.229
165	4562.096	4545.631	4534.901	4529.922	4524.942	4519.947	4514.968	4519.947	4524.942	4529.922
170	6962.466	6933.329	6911.931	6898.288	6884.644	6870.985	6857.342	6870.985	6884.644	6898.288
175	9537.272	9506.625	9484.595	9471.182	9457.786	9444.373	9430.961	9444.373	9457.786	9471.182
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

**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	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	9484.595	9506.625	9537.272	9567.905	9598.552	9629.200	9657.951	9686.703	9715.454	9744.206
10	6911.931	6933.329	6962.466	6991.618	7020.755	7049.892	7076.763	7103.633	7130.504	7157.375
15	4534.901	4545.631	4562.096	4578.545	4595.010	4611.474	4625.056	4638.653	4652.235	4665.817
20	3157.806	3163.525	3171.388	3179.265	3187.128	3194.990	3201.141	3207.277	3213.428	3219.579
25	2489.631	2490.309	2492.190	2494.055	2495.936	2497.817	2498.834	2499.852	2500.869	2501.887
30	1908.358	1902.900	1896.441	1889.982	1883.538	1877.078	1873.317	1869.570	1865.809	1862.063
35	972.185	973.234	975.068	976.887	978.722	980.541	984.904	989.267	993.629	997.992
40	355.886	359.031	363.409	367.803	372.181	376.560	380.167	383.790	387.397	391.020
45	212.067	212.067	212.006	211.944	211.882	211.821	211.466	211.111	210.757	210.402
50	148.706	148.490	148.136	147.796	147.442	147.103	146.579	146.070	145.546	145.037
55	102.303	102.118	101.840	101.578	101.301	101.023	100.638	100.268	99.882	99.497
60	67.493	67.369	67.200	67.030	66.845	66.676	66.444	66.229	65.997	65.766
65	44.615	44.538	44.445	44.368	44.276	44.183	44.044	43.921	43.782	43.644
70	29.291	29.245	29.199	29.152	29.091	29.044	28.983	28.906	28.844	28.767
75	18.037	18.006	17.991	17.960	17.945	17.914	17.883	17.852	17.837	17.806
80	8.741	8.741	8.756	8.772	8.772	8.787	8.818	8.849	8.864	8.895
85	1.850	1.850	1.850	1.835	1.835	1.835	1.835	1.835	1.819	1.819
90	0.678	0.678	0.678	0.709	0.709	0.709	0.709	0.709	0.740	0.740
95	1.850	1.850	1.850	1.835	1.835	1.835	1.835	1.835	1.819	1.819
100	8.741	8.741	8.756	8.772	8.772	8.787	8.818	8.849	8.864	8.895
105	18.037	18.006	17.991	17.960	17.945	17.914	17.883	17.852	17.837	17.806
110	29.291	29.245	29.199	29.152	29.091	29.044	28.983	28.906	28.844	28.767
115	44.615	44.538	44.445	44.368	44.276	44.183	44.044	43.921	43.782	43.644
120	67.493	67.369	67.200	67.030	66.845	66.676	66.444	66.229	65.997	65.766
125	102.303	102.118	101.840	101.578	101.301	101.023	100.638	100.268	99.882	99.497
130	148.706	148.490	148.136	147.796	147.442	147.103	146.579	146.070	145.546	145.037
135	212.067	212.067	212.006	211.944	211.882	211.821	211.466	211.111	210.757	210.402
140	355.886	359.031	363.409	367.803	372.181	376.560	380.167	383.790	387.397	391.020
145	972.185	973.234	975.068	976.887	978.722	980.541	984.904	989.267	993.629	997.992
150	1908.358	1902.900	1896.441	1889.982	1883.538	1877.078	1873.317	1869.570	1865.809	1862.063
155	2489.631	2490.309	2492.190	2494.055	2495.936	2497.817	2498.834	2499.852	2500.869	2501.887
160	3157.806	3163.525	3171.388	3179.265	3187.128	3194.990	3201.141	3207.277	3213.428	3219.579
165	4534.901	4545.631	4562.096	4578.545	4595.010	4611.474	4625.056	4638.653	4652.235	4665.817
170	6911.931	6933.329	6962.466	6991.618	7020.755	7049.892	7076.763	7103.633	7130.504	7157.375
175	9484.595	9506.625	9537.272	9567.920	9598.552	9629.200	9657.951	9686.703	9715.454	9744.206
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

## 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	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9762.351	9769.905	9777.443	9784.997	9792.551	9784.997	9777.443	9769.905	9762.351	9744.206
10	7174.579	7182.103	7189.626	7197.149	7204.672	7197.149	7189.626	7182.103	7174.579	7157.375
15	4673.047	4673.926	4674.789	4675.668	4676.531	4675.668	4674.789	4673.926	4673.047	4665.817
20	3223.063	3223.896	3224.713	3225.545	3226.378	3225.545	3224.713	3223.896	3223.063	3219.579
25	2503.197	2504.816	2506.419	2508.038	2509.641	2508.038	2506.419	2504.816	2503.197	2501.887
30	1860.845	1862.186	1863.527	1864.868	1866.210	1864.868	1863.527	1862.186	1860.845	1862.063
35	1001.630	1004.513	1007.396	1010.294	1013.177	1010.294	1007.396	1004.513	1001.630	997.992
40	393.564	395.044	396.508	397.988	399.468	397.988	396.508	395.044	393.564	391.020
45	209.909	209.308	208.706	208.090	207.489	208.090	208.706	209.308	209.909	210.402
50	144.590	144.220	143.865	143.495	143.125	143.495	143.865	144.220	144.590	145.037
55	99.173	98.896	98.618	98.341	98.063	98.341	98.618	98.896	99.173	99.497
60	65.581	65.412	65.257	65.088	64.934	65.088	65.257	65.412	65.581	65.766
65	43.520	43.397	43.274	43.150	43.027	43.150	43.274	43.397	43.520	43.644
70	28.690	28.613	28.536	28.459	28.381	28.459	28.536	28.613	28.690	28.767
75	17.775	17.729	17.698	17.652	17.621	17.652	17.698	17.729	17.775	17.806

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

80	8.911	8.895	8.895	8.880	8.864	8.880	8.895	8.895	8.911	8.895
85	1.819	1.819	1.804	1.804	1.804	1.804	1.804	1.819	1.819	1.819
90	0.740	0.740	0.771	0.771	0.771	0.771	0.771	0.740	0.740	0.740
95	1.819	1.819	1.804	1.804	1.804	1.804	1.804	1.819	1.819	1.819
100	8.911	8.895	8.895	8.880	8.864	8.880	8.895	8.895	8.911	8.895
105	17.775	17.729	17.698	17.652	17.621	17.652	17.698	17.729	17.775	17.806
110	28.690	28.613	28.536	28.459	28.381	28.459	28.536	28.613	28.690	28.767
115	43.520	43.397	43.274	43.150	43.027	43.150	43.274	43.397	43.520	43.644
120	65.581	65.412	65.257	65.088	64.934	65.088	65.257	65.412	65.581	65.766
125	99.173	98.896	98.618	98.341	98.063	98.341	98.618	98.896	99.173	99.497
130	144.590	144.220	143.865	143.495	143.125	143.495	143.865	144.220	144.590	145.037
135	209.909	209.308	208.706	208.090	207.489	208.090	208.706	209.308	209.909	210.402
140	393.564	395.044	396.508	397.988	399.468	397.988	396.508	395.044	393.564	391.020
145	1001.630	1004.513	1007.396	1010.294	1013.177	1010.294	1007.396	1004.513	1001.630	997.992
150	1860.845	1862.186	1863.527	1864.868	1866.210	1864.868	1863.527	1862.186	1860.845	1862.063
155	2503.197	2504.816	2506.419	2508.038	2509.641	2508.038	2506.419	2504.816	2503.197	2501.887
160	3223.063	3223.896	3224.713	3225.545	3226.378	3225.545	3224.713	3223.896	3223.063	3219.579
165	4673.047	4673.926	4674.789	4675.668	4676.531	4675.668	4674.789	4673.926	4673.047	4665.817
170	7174.579	7182.103	7189.626	7197.149	7204.672	7197.149	7189.626	7182.103	7174.579	7157.375
175	9762.351	9769.905	9777.459	9784.997	9792.551	9784.997	9777.459	9769.905	9762.351	9744.206
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

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	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301	10493.301
5	9715.454	9686.703	9657.951	9629.200	9598.552	9567.905	9537.272	9506.625	9484.595	9471.182
10	7130.504	7103.633	7076.763	7049.892	7020.755	6991.618	6962.466	6933.329	6911.931	6898.288
15	4652.235	4638.653	4625.056	4611.474	4595.010	4578.545	4562.096	4545.631	4534.901	4529.922
20	3213.428	3207.277	3201.141	3194.990	3187.128	3179.265	3171.388	3163.525	3157.806	3154.229
25	2500.869	2499.852	2498.834	2497.817	2495.936	2494.055	2492.190	2490.309	2489.631	2490.155
30	1865.809	1869.570	1873.317	1877.078	1883.538	1889.982	1896.441	1902.900	1908.358	1912.829
35	993.629	989.267	984.904	980.541	978.722	976.887	975.068	973.234	972.185	971.923
40	387.397	383.790	380.167	376.560	372.181	367.803	363.409	359.031	355.886	353.990
45	210.757	211.111	211.466	211.821	211.882	211.944	212.006	212.067	212.067	212.006
50	145.546	146.070	146.579	147.103	147.442	147.796	148.136	148.490	148.706	148.814
55	99.882	100.268	100.638	101.023	101.301	101.578	101.840	102.118	102.303	102.411
60	65.997	66.229	66.444	66.676	66.845	67.030	67.200	67.369	67.493	67.570
65	43.782	43.921	44.044	44.183	44.276	44.368	44.445	44.538	44.615	44.677
70	28.844	28.906	28.983	29.044	29.091	29.152	29.199	29.245	29.291	29.337
75	17.837	17.852	17.883	17.914	17.945	17.960	17.991	18.006	18.037	18.053
80	8.864	8.849	8.818	8.787	8.772	8.772	8.756	8.741	8.741	8.741
85	1.819	1.835	1.835	1.835	1.835	1.835	1.850	1.850	1.850	1.850
90	0.740	0.709	0.709	0.709	0.709	0.709	0.678	0.678	0.678	0.647
95	1.819	1.835	1.835	1.835	1.835	1.835	1.850	1.850	1.850	1.850
100	8.864	8.849	8.818	8.787	8.772	8.772	8.756	8.741	8.741	8.741
105	17.837	17.852	17.883	17.914	17.945	17.960	17.991	18.006	18.037	18.053
110	28.844	28.906	28.983	29.044	29.091	29.152	29.199	29.245	29.291	29.337
115	43.782	43.921	44.044	44.183	44.276	44.368	44.445	44.538	44.615	44.677
120	65.997	66.229	66.444	66.676	66.845	67.030	67.200	67.369	67.493	67.570
125	99.882	100.268	100.638	101.023	101.301	101.578	101.840	102.118	102.303	102.411
130	145.546	146.070	146.579	147.103	147.442	147.796	148.136	148.490	148.706	148.814
135	210.757	211.111	211.466	211.821	211.882	211.944	212.006	212.067	212.067	212.006
140	387.397	383.790	380.167	376.560	372.181	367.803	363.409	359.031	355.886	353.990
145	993.629	989.267	984.904	980.541	978.722	976.887	975.068	973.234	972.185	971.923
150	1865.809	1869.570	1873.317	1877.078	1883.538	1889.982	1896.441	1902.900	1908.358	1912.829

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

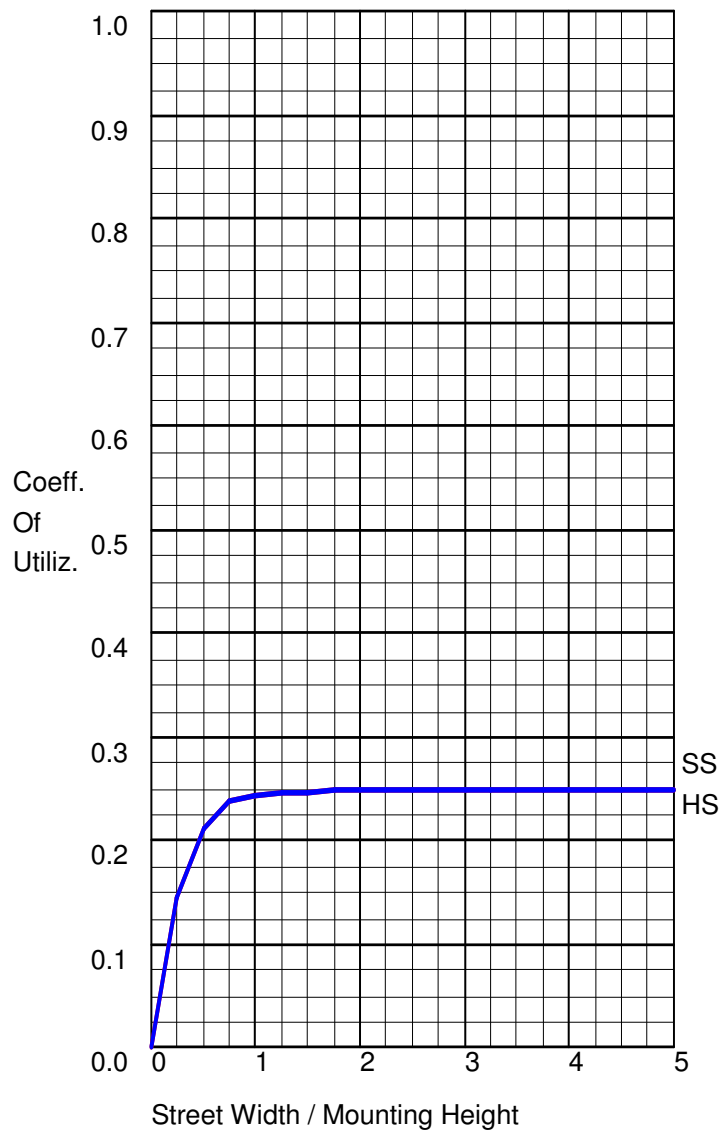
155	2500.869	2499.852	2498.834	2497.817	2495.936	2494.055	2492.190	2490.309	2489.631	2490.155
160	3213.428	3207.277	3201.141	3194.990	3187.128	3179.265	3171.388	3163.525	3157.806	3154.229
165	4652.235	4638.653	4625.056	4611.474	4595.010	4578.545	4562.096	4545.631	4534.901	4529.922
170	7130.504	7103.633	7076.763	7049.892	7020.755	6991.618	6962.466	6933.329	6911.931	6898.288
175	9715.454	9686.703	9657.951	9629.200	9598.552	9567.920	9537.272	9506.625	9484.595	9471.182
180	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361	10492.361

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10493.301	10493.301	10493.301
5	9457.786	9444.373	9430.961
10	6884.644	6870.985	6857.342
15	4524.942	4519.947	4514.968
20	3150.637	3147.061	3143.484
25	2490.695	2491.219	2491.743
30	1917.299	1921.770	1926.241
35	971.646	971.384	971.106
40	352.078	350.182	348.271
45	211.959	211.898	211.836
50	148.922	149.014	149.122
55	102.519	102.627	102.734
60	67.631	67.709	67.770
65	44.754	44.815	44.877
70	29.368	29.414	29.445
75	18.068	18.099	18.114
80	8.741	8.741	8.741
85	1.835	1.835	1.835
90	0.647	0.617	0.617
95	1.835	1.835	1.835
100	8.741	8.741	8.741
105	18.068	18.099	18.114
110	29.368	29.414	29.445
115	44.754	44.815	44.877
120	67.631	67.709	67.770
125	102.519	102.627	102.734
130	148.922	149.014	149.122
135	211.959	211.898	211.836
140	352.078	350.182	348.271
145	971.646	971.384	971.106
150	1917.299	1921.770	1926.241
155	2490.695	2491.219	2491.743
160	3150.637	3147.061	3143.484
165	4524.942	4519.947	4514.968
170	6884.644	6870.985	6857.342
175	9457.786	9444.373	9430.961
180	10492.361	10492.361	10492.361



COEFFICIENTS OF UTILIZATION



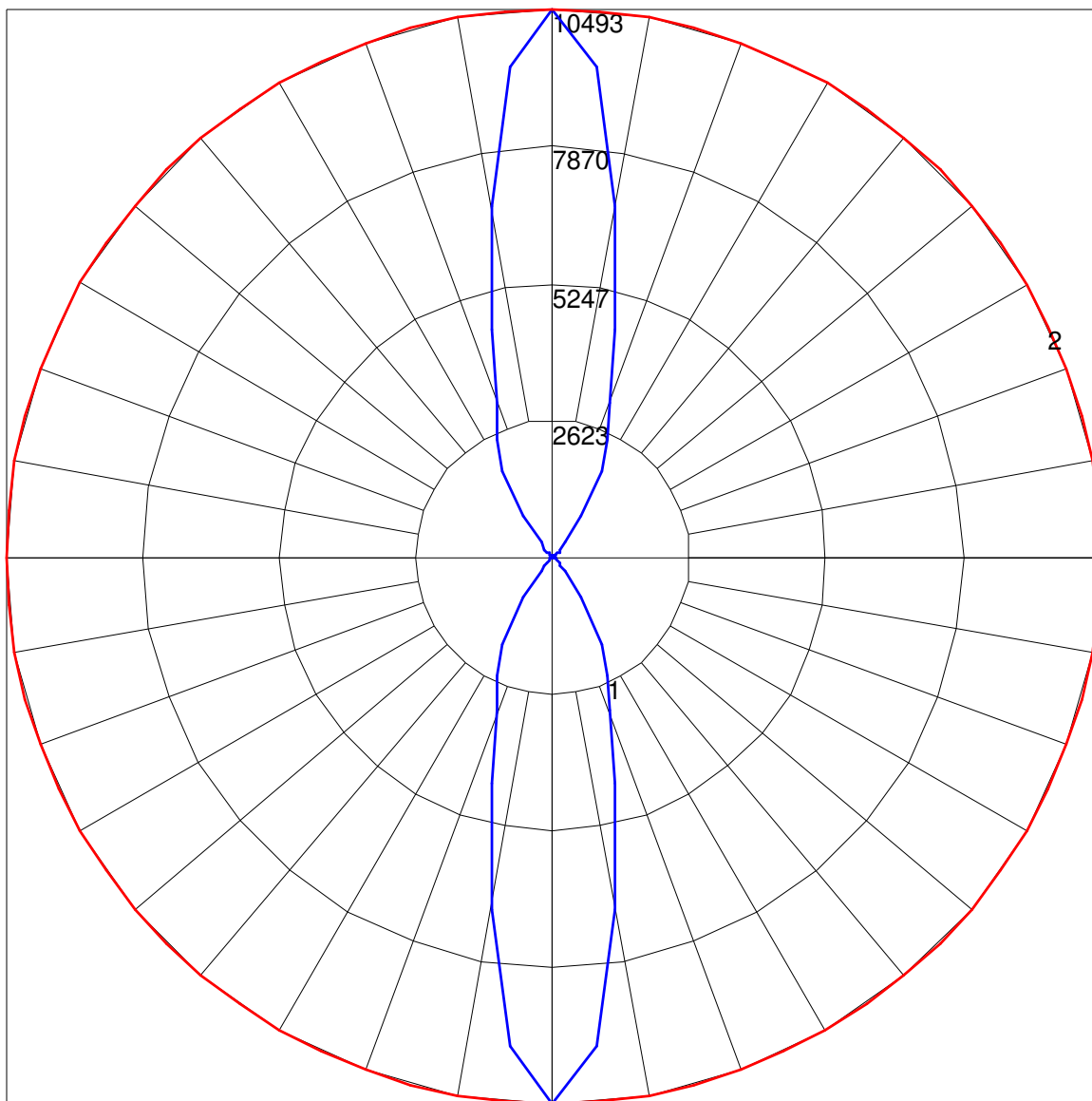
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2156.3	25.0
Downward House Side	2156.3	25.0
Downward Total	4312.6	50.0
Upward Street Side	2156.3	25.0
Upward House Side	2156.3	25.0
Upward Total	4312.6	50.0
Total Flux	8625.2	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

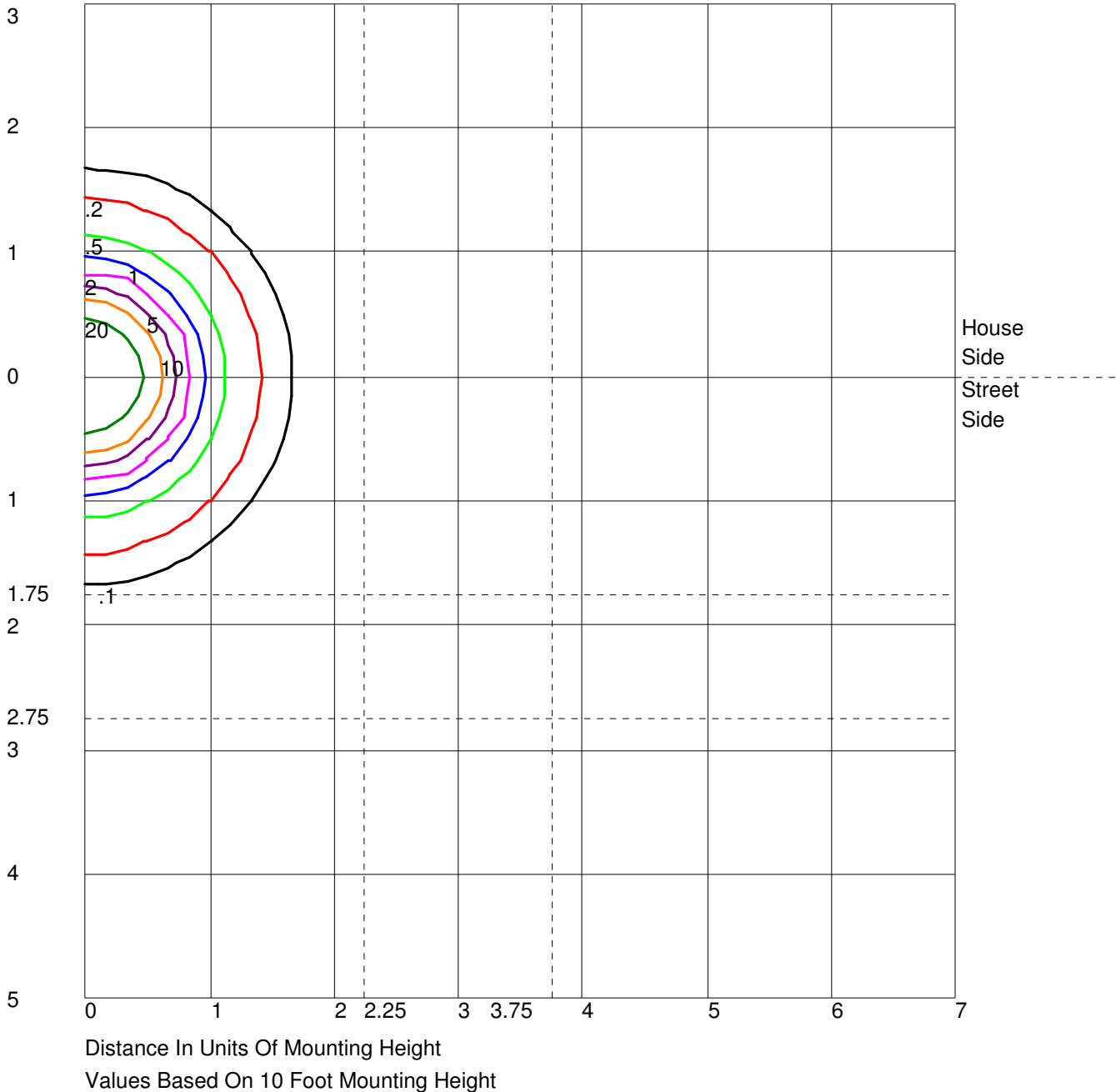


Maximum Candela = 10493.301 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

