

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-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-L50-930U-L50-930D-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	8717
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10604.929
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10604.929
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.779 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.005 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1678.2	N.A.	19.3
FM - Front-Medium (30-60)	466.5	N.A.	5.4
FH - Front-High (60-80)	32.7	N.A.	0.4
FVH - Front-Very High (80-90)	1.8	N.A.	0.0
BL - Back-Low (0-30)	1678.2	N.A.	19.3
BM - Back-Medium (30-60)	466.5	N.A.	5.4
BH - Back-High (60-80)	32.7	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)	4354.9	N.A.	50.0
Total	8716.9	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	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9531.288	9544.843	9558.398	9571.937	9585.492	9607.757	9638.730	9669.688	9700.662	9731.636
10	6930.291	6944.079	6957.884	6971.672	6985.461	7007.086	7036.533	7065.996	7095.442	7124.889
15	4562.998	4568.031	4573.079	4578.111	4583.144	4593.988	4610.628	4627.252	4643.892	4660.531
20	3176.925	3180.539	3184.154	3187.784	3191.399	3197.179	3205.125	3213.087	3221.033	3228.979
25	2518.250	2517.721	2517.191	2516.645	2516.116	2516.801	2518.702	2520.587	2522.488	2524.389
30	1946.732	1942.214	1937.696	1933.177	1928.659	1923.144	1916.615	1910.087	1903.575	1897.047
35	981.437	981.717	981.982	982.262	982.527	983.587	985.441	987.279	989.133	990.972
40	351.975	353.907	355.824	357.756	359.672	362.851	367.275	371.716	376.141	380.565
45	214.089	214.152	214.214	214.261	214.323	214.323	214.261	214.199	214.136	214.074
50	150.709	150.600	150.506	150.397	150.288	150.070	149.711	149.369	149.010	148.668
55	103.827	103.718	103.609	103.500	103.391	103.204	102.924	102.659	102.378	102.098
60	68.491	68.429	68.351	68.289	68.211	68.086	67.915	67.743	67.556	67.385
65	45.354	45.292	45.230	45.152	45.090	45.012	44.918	44.840	44.747	44.653
70	29.758	29.727	29.681	29.649	29.603	29.556	29.509	29.462	29.400	29.353
75	18.307	18.291	18.260	18.245	18.229	18.198	18.182	18.151	18.136	18.104
80	8.834	8.834	8.834	8.834	8.834	8.834	8.850	8.865	8.865	8.881
85	1.854	1.854	1.854	1.870	1.870	1.870	1.870	1.854	1.854	1.854
90	0.623	0.623	0.654	0.654	0.686	0.686	0.686	0.717	0.717	0.717
95	1.854	1.854	1.854	1.870	1.870	1.870	1.870	1.854	1.854	1.854
100	8.834	8.834	8.834	8.834	8.834	8.834	8.850	8.865	8.865	8.881
105	18.307	18.291	18.260	18.245	18.229	18.198	18.182	18.151	18.136	18.104
110	29.758	29.727	29.681	29.649	29.603	29.556	29.509	29.462	29.400	29.353
115	45.354	45.292	45.230	45.152	45.090	45.012	44.918	44.840	44.747	44.653
120	68.491	68.429	68.351	68.289	68.211	68.086	67.915	67.743	67.556	67.385
125	103.827	103.718	103.609	103.500	103.391	103.204	102.924	102.659	102.378	102.098
130	150.709	150.600	150.506	150.397	150.288	150.070	149.711	149.369	149.010	148.668
135	214.089	214.152	214.214	214.261	214.323	214.323	214.261	214.199	214.136	214.074
140	351.975	353.907	355.824	357.756	359.672	362.851	367.275	371.716	376.141	380.565
145	981.437	981.717	981.982	982.262	982.527	983.587	985.441	987.279	989.133	990.972
150	1946.732	1942.214	1937.696	1933.177	1928.659	1923.144	1916.615	1910.087	1903.575	1897.047
155	2518.250	2517.721	2517.191	2516.645	2516.116	2516.801	2518.702	2520.587	2522.488	2524.389
160	3176.925	3180.539	3184.154	3187.784	3191.399	3197.179	3205.125	3213.087	3221.033	3228.979
165	4562.998	4568.031	4573.079	4578.111	4583.144	4593.988	4610.628	4627.252	4643.892	4660.531
170	6930.291	6944.079	6957.884	6971.672	6985.461	7007.086	7036.533	7065.996	7095.442	7124.889
175	9531.288	9544.843	9558.398	9571.937	9585.492	9607.757	9638.730	9669.704	9700.662	9731.636
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9760.693	9789.750	9818.808	9847.865	9866.203	9873.838	9881.456	9889.091	9896.725	9889.091
10	7152.046	7179.202	7206.359	7233.515	7250.903	7258.506	7266.109	7273.713	7281.316	7273.713
15	4674.258	4687.999	4701.726	4715.452	4722.759	4723.647	4724.520	4725.408	4726.280	4725.408
20	3235.195	3241.396	3247.613	3253.829	3257.350	3258.192	3259.018	3259.859	3260.700	3259.859
25	2525.417	2526.446	2527.474	2528.502	2529.826	2531.462	2533.083	2534.719	2536.339	2534.719
30	1893.245	1889.459	1885.657	1881.871	1880.640	1881.996	1883.351	1884.707	1886.062	1884.707
35	995.381	999.790	1004.200	1008.609	1012.286	1015.199	1018.113	1021.042	1023.955	1021.042
40	384.211	387.873	391.518	395.180	397.750	399.246	400.726	402.222	403.718	402.222
45	213.716	213.357	212.999	212.640	212.142	211.534	210.927	210.303	209.696	210.303
50	148.138	147.624	147.094	146.580	146.128	145.754	145.396	145.022	144.648	145.022
55	101.708	101.335	100.945	100.556	100.228	99.948	99.667	99.387	99.107	99.387

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CANDELA TABULATION - (Cont.)

60	67.151	66.933	66.699	66.466	66.279	66.107	65.952	65.780	65.624	65.780
65	44.513	44.388	44.248	44.108	43.983	43.859	43.734	43.609	43.485	43.609
70	29.291	29.213	29.151	29.073	28.995	28.917	28.839	28.761	28.683	28.761
75	18.073	18.042	18.026	17.995	17.964	17.917	17.886	17.839	17.808	17.839
80	8.912	8.943	8.959	8.990	9.005	8.990	8.990	8.974	8.959	8.974
85	1.854	1.854	1.838	1.838	1.838	1.838	1.823	1.823	1.823	1.823
90	0.717	0.717	0.748	0.748	0.748	0.748	0.779	0.779	0.779	0.779
95	1.854	1.854	1.838	1.838	1.838	1.838	1.823	1.823	1.823	1.823
100	8.912	8.943	8.959	8.990	9.005	8.990	8.990	8.974	8.959	8.974
105	18.073	18.042	18.026	17.995	17.964	17.917	17.886	17.839	17.808	17.839
110	29.291	29.213	29.151	29.073	28.995	28.917	28.839	28.761	28.683	28.761
115	44.513	44.388	44.248	44.108	43.983	43.859	43.734	43.609	43.485	43.609
120	67.151	66.933	66.699	66.466	66.279	66.107	65.952	65.780	65.624	65.780
125	101.708	101.335	100.945	100.556	100.228	99.948	99.667	99.387	99.107	99.387
130	148.138	147.624	147.094	146.580	146.128	145.754	145.396	145.022	144.648	145.022
135	213.716	213.357	212.999	212.640	212.142	211.534	210.927	210.303	209.696	210.303
140	384.211	387.873	391.518	395.180	397.750	399.246	400.726	402.222	403.718	402.222
145	995.381	999.790	1004.200	1008.609	1012.286	1015.199	1018.113	1021.042	1023.955	1021.042
150	1893.245	1889.459	1885.657	1881.871	1880.640	1881.996	1883.351	1884.707	1886.062	1884.707
155	2525.417	2526.446	2527.474	2528.502	2529.826	2531.462	2533.083	2534.719	2536.339	2534.719
160	3235.195	3241.396	3247.613	3253.829	3257.350	3258.192	3259.018	3259.859	3260.700	3259.859
165	4674.258	4687.999	4701.726	4715.452	4722.759	4723.647	4724.520	4725.408	4726.280	4725.408
170	7152.046	7179.202	7206.359	7233.515	7250.903	7258.506	7266.109	7273.713	7281.316	7273.713
175	9760.693	9789.750	9818.808	9847.865	9866.203	9873.838	9881.472	9889.091	9896.725	9889.091
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9881.456	9873.838	9866.203	9847.865	9818.808	9789.750	9760.693	9731.636	9700.662	9669.688
10	7266.109	7258.506	7250.903	7233.515	7206.359	7179.202	7152.046	7124.889	7095.442	7065.996
15	4724.520	4723.647	4722.759	4715.452	4701.726	4687.999	4674.258	4660.531	4643.892	4627.252
20	3259.018	3258.192	3257.350	3253.829	3247.613	3241.396	3235.195	3228.979	3221.033	3213.087
25	2533.083	2531.462	2529.826	2528.502	2527.474	2526.446	2525.417	2524.389	2522.488	2520.587
30	1883.351	1881.996	1880.640	1881.871	1885.657	1889.459	1893.245	1897.047	1903.575	1910.087
35	1018.113	1015.199	1012.286	1008.609	1004.200	999.790	995.381	990.972	989.133	987.279
40	400.726	399.246	397.750	395.180	391.518	387.873	384.211	380.565	376.141	371.716
45	210.927	211.534	212.142	212.640	212.999	213.357	213.716	214.074	214.136	214.199
50	145.396	145.754	146.128	146.580	147.094	147.624	148.138	148.668	149.010	149.369
55	99.667	99.948	100.228	100.556	100.945	101.335	101.708	102.098	102.378	102.659
60	65.952	66.107	66.279	66.466	66.699	66.933	67.151	67.385	67.556	67.743
65	43.734	43.859	43.983	44.108	44.248	44.388	44.513	44.653	44.747	44.840
70	28.839	28.917	28.995	29.073	29.151	29.213	29.291	29.353	29.400	29.462
75	17.886	17.917	17.964	17.995	18.026	18.042	18.073	18.104	18.136	18.151
80	8.990	8.990	9.005	8.990	8.959	8.943	8.912	8.881	8.865	8.865
85	1.823	1.838	1.838	1.838	1.838	1.854	1.854	1.854	1.854	1.854
90	0.779	0.748	0.748	0.748	0.748	0.717	0.717	0.717	0.717	0.717
95	1.823	1.838	1.838	1.838	1.838	1.854	1.854	1.854	1.854	1.854
100	8.990	8.990	9.005	8.990	8.959	8.943	8.912	8.881	8.865	8.865
105	17.886	17.917	17.964	17.995	18.026	18.042	18.073	18.104	18.136	18.151
110	28.839	28.917	28.995	29.073	29.151	29.213	29.291	29.353	29.400	29.462
115	43.734	43.859	43.983	44.108	44.248	44.388	44.513	44.653	44.747	44.840
120	65.952	66.107	66.279	66.466	66.699	66.933	67.151	67.385	67.556	67.743
125	99.667	99.948	100.228	100.556	100.945	101.335	101.708	102.098	102.378	102.659
130	145.396	145.754	146.128	146.580	147.094	147.624	148.138	148.668	149.010	149.369

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CANDELA TABULATION - (Cont.)

135	210.927	211.534	212.142	212.640	212.999	213.357	213.716	214.074	214.136	214.199
140	400.726	399.246	397.750	395.180	391.518	387.873	384.211	380.565	376.141	371.716
145	1018.113	1015.199	1012.286	1008.609	1004.200	999.790	995.381	990.972	989.133	987.279
150	1883.351	1881.996	1880.640	1881.871	1885.657	1889.459	1893.245	1897.047	1903.575	1910.087
155	2533.083	2531.462	2529.826	2528.502	2527.474	2526.446	2525.417	2524.389	2522.488	2520.587
160	3259.018	3258.192	3257.350	3253.829	3247.613	3241.396	3235.195	3228.979	3221.033	3213.087
165	4724.520	4723.647	4722.759	4715.452	4701.726	4687.999	4674.258	4660.531	4643.892	4627.252
170	7266.109	7258.506	7250.903	7233.515	7206.359	7179.202	7152.046	7124.889	7095.442	7065.996
175	9881.472	9873.838	9866.203	9847.865	9818.808	9789.750	9760.693	9731.636	9700.662	9669.704
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

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	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9638.730	9607.757	9585.492	9571.937	9558.398	9544.843	9531.288	9544.843	9558.398	9571.937
10	7036.533	7007.086	6985.461	6971.672	6957.884	6944.079	6930.291	6944.079	6957.884	6971.672
15	4610.628	4593.988	4583.144	4578.111	4573.079	4568.031	4562.998	4568.031	4573.079	4578.111
20	3205.125	3197.179	3191.399	3187.784	3184.154	3180.539	3176.925	3180.539	3184.154	3187.784
25	2518.702	2516.801	2516.116	2516.645	2517.191	2517.721	2518.250	2517.721	2517.191	2516.645
30	1916.615	1923.144	1928.659	1933.177	1937.696	1942.214	1946.732	1942.214	1937.696	1933.177
35	985.441	983.587	982.527	982.262	981.982	981.717	981.437	981.717	981.982	982.262
40	367.275	362.851	359.672	357.756	355.824	353.907	351.975	353.907	355.824	357.756
45	214.261	214.323	214.323	214.261	214.214	214.152	214.089	214.152	214.214	214.261
50	149.711	150.070	150.288	150.397	150.506	150.600	150.709	150.600	150.506	150.397
55	102.924	103.204	103.391	103.500	103.609	103.718	103.827	103.718	103.609	103.500
60	67.915	68.086	68.211	68.289	68.351	68.429	68.491	68.429	68.351	68.289
65	44.918	45.012	45.090	45.152	45.230	45.292	45.354	45.292	45.230	45.152
70	29.509	29.556	29.603	29.649	29.681	29.727	29.758	29.727	29.681	29.649
75	18.182	18.198	18.229	18.245	18.260	18.291	18.307	18.291	18.260	18.245
80	8.850	8.834	8.834	8.834	8.834	8.834	8.834	8.834	8.834	8.834
85	1.870	1.870	1.870	1.870	1.854	1.854	1.854	1.854	1.854	1.870
90	0.686	0.686	0.686	0.654	0.654	0.623	0.623	0.623	0.654	0.654
95	1.870	1.870	1.870	1.870	1.854	1.854	1.854	1.854	1.854	1.870
100	8.850	8.834	8.834	8.834	8.834	8.834	8.834	8.834	8.834	8.834
105	18.182	18.198	18.229	18.245	18.260	18.291	18.307	18.291	18.260	18.245
110	29.509	29.556	29.603	29.649	29.681	29.727	29.758	29.727	29.681	29.649
115	44.918	45.012	45.090	45.152	45.230	45.292	45.354	45.292	45.230	45.152
120	67.915	68.086	68.211	68.289	68.351	68.429	68.491	68.429	68.351	68.289
125	102.924	103.204	103.391	103.500	103.609	103.718	103.827	103.718	103.609	103.500
130	149.711	150.070	150.288	150.397	150.506	150.600	150.709	150.600	150.506	150.397
135	214.261	214.323	214.323	214.261	214.214	214.152	214.089	214.152	214.214	214.261
140	367.275	362.851	359.672	357.756	355.824	353.907	351.975	353.907	355.824	357.756
145	985.441	983.587	982.527	982.262	981.982	981.717	981.437	981.717	981.982	982.262
150	1916.615	1923.144	1928.659	1933.177	1937.696	1942.214	1946.732	1942.214	1937.696	1933.177
155	2518.702	2516.801	2516.116	2516.645	2517.191	2517.721	2518.250	2517.721	2517.191	2516.645
160	3205.125	3197.179	3191.399	3187.784	3184.154	3180.539	3176.925	3180.539	3184.154	3187.784
165	4610.628	4593.988	4583.144	4578.111	4573.079	4568.031	4562.998	4568.031	4573.079	4578.111
170	7036.533	7007.086	6985.461	6971.672	6957.884	6944.079	6930.291	6944.079	6957.884	6971.672
175	9638.730	9607.757	9585.492	9571.937	9558.398	9544.843	9531.288	9544.843	9558.398	9571.937
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

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	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	9585.492	9607.757	9638.730	9669.688	9700.662	9731.636	9760.693	9789.750	9818.808	9847.865
10	6985.461	7007.086	7036.533	7065.996	7095.442	7124.889	7152.046	7179.202	7206.359	7233.515
15	4583.144	4593.988	4610.628	4627.252	4643.892	4660.531	4674.258	4687.999	4701.726	4715.452
20	3191.399	3197.179	3205.125	3213.087	3221.033	3228.979	3235.195	3241.396	3247.613	3253.829
25	2516.116	2516.801	2518.702	2520.587	2522.488	2524.389	2525.417	2526.446	2527.474	2528.502
30	1928.659	1923.144	1916.615	1910.087	1903.575	1897.047	1893.245	1889.459	1885.657	1881.871
35	982.527	983.587	985.441	987.279	989.133	990.972	995.381	999.790	1004.200	1008.609
40	359.672	362.851	367.275	371.716	376.141	380.565	384.211	387.873	391.518	395.180
45	214.323	214.323	214.261	214.199	214.136	214.074	213.716	213.357	212.999	212.640
50	150.288	150.070	149.711	149.369	149.010	148.668	148.138	147.624	147.094	146.580
55	103.391	103.204	102.924	102.659	102.378	102.098	101.708	101.335	100.945	100.556
60	68.211	68.086	67.915	67.743	67.556	67.385	67.151	66.933	66.699	66.466
65	45.090	45.012	44.918	44.840	44.747	44.653	44.513	44.388	44.248	44.108
70	29.603	29.556	29.509	29.462	29.400	29.353	29.291	29.213	29.151	29.073
75	18.229	18.198	18.182	18.151	18.136	18.104	18.073	18.042	18.026	17.995
80	8.834	8.834	8.850	8.865	8.865	8.881	8.912	8.943	8.959	8.990
85	1.870	1.870	1.870	1.854	1.854	1.854	1.854	1.854	1.838	1.838
90	0.686	0.686	0.686	0.717	0.717	0.717	0.717	0.717	0.748	0.748
95	1.870	1.870	1.870	1.854	1.854	1.854	1.854	1.854	1.838	1.838
100	8.834	8.834	8.850	8.865	8.865	8.881	8.912	8.943	8.959	8.990
105	18.229	18.198	18.182	18.151	18.136	18.104	18.073	18.042	18.026	17.995
110	29.603	29.556	29.509	29.462	29.400	29.353	29.291	29.213	29.151	29.073
115	45.090	45.012	44.918	44.840	44.747	44.653	44.513	44.388	44.248	44.108
120	68.211	68.086	67.915	67.743	67.556	67.385	67.151	66.933	66.699	66.466
125	103.391	103.204	102.924	102.659	102.378	102.098	101.708	101.335	100.945	100.556
130	150.288	150.070	149.711	149.369	149.010	148.668	148.138	147.624	147.094	146.580
135	214.323	214.323	214.261	214.199	214.136	214.074	213.716	213.357	212.999	212.640
140	359.672	362.851	367.275	371.716	376.141	380.565	384.211	387.873	391.518	395.180
145	982.527	983.587	985.441	987.279	989.133	990.972	995.381	999.790	1004.200	1008.609
150	1928.659	1923.144	1916.615	1910.087	1903.575	1897.047	1893.245	1889.459	1885.657	1881.871
155	2516.116	2516.801	2518.702	2520.587	2522.488	2524.389	2525.417	2526.446	2527.474	2528.502
160	3191.399	3197.179	3205.125	3213.087	3221.033	3228.979	3235.195	3241.396	3247.613	3253.829
165	4583.144	4593.988	4610.628	4627.252	4643.892	4660.531	4674.258	4687.999	4701.726	4715.452
170	6985.461	7007.086	7036.533	7065.996	7095.442	7124.889	7152.046	7179.202	7206.359	7233.515
175	9585.492	9607.757	9638.730	9669.704	9700.662	9731.636	9760.693	9789.750	9818.808	9847.865
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

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	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9866.203	9873.838	9881.456	9889.091	9896.725	9889.091	9881.456	9873.838	9866.203	9847.865
10	7250.903	7258.506	7266.109	7273.713	7281.316	7273.713	7266.109	7258.506	7250.903	7233.515
15	4722.759	4723.647	4724.520	4725.408	4726.280	4725.408	4724.520	4723.647	4722.759	4715.452
20	3257.350	3258.192	3259.018	3259.859	3260.700	3259.859	3259.018	3258.192	3257.350	3253.829
25	2529.826	2531.462	2533.083	2534.719	2536.339	2534.719	2533.083	2531.462	2529.826	2528.502
30	1880.640	1881.996	1883.351	1884.707	1886.062	1884.707	1883.351	1881.996	1880.640	1881.871
35	1012.286	1015.199	1018.113	1021.042	1023.955	1021.042	1018.113	1015.199	1012.286	1008.609
40	397.750	399.246	400.726	402.222	403.718	402.222	400.726	399.246	397.750	395.180
45	212.142	211.534	210.927	210.303	209.696	210.303	210.927	211.534	212.142	212.640
50	146.128	145.754	145.396	145.022	144.648	145.022	145.396	145.754	146.128	146.580
55	100.228	99.948	99.667	99.387	99.107	99.387	99.667	99.948	100.228	100.556
60	66.279	66.107	65.952	65.780	65.624	65.780	65.952	66.107	66.279	66.466
65	43.983	43.859	43.734	43.609	43.485	43.609	43.734	43.859	43.983	44.108
70	28.995	28.917	28.839	28.761	28.683	28.761	28.839	28.917	28.995	29.073
75	17.964	17.917	17.886	17.839	17.808	17.839	17.886	17.917	17.964	17.995

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

80	9.005	8.990	8.990	8.974	8.959	8.974	8.990	8.990	9.005	8.990
85	1.838	1.838	1.823	1.823	1.823	1.823	1.823	1.838	1.838	1.838
90	0.748	0.748	0.779	0.779	0.779	0.779	0.779	0.748	0.748	0.748
95	1.838	1.838	1.823	1.823	1.823	1.823	1.823	1.838	1.838	1.838
100	9.005	8.990	8.990	8.974	8.959	8.974	8.990	8.990	9.005	8.990
105	17.964	17.917	17.886	17.839	17.808	17.839	17.886	17.917	17.964	17.995
110	28.995	28.917	28.839	28.761	28.683	28.761	28.839	28.917	28.995	29.073
115	43.983	43.859	43.734	43.609	43.485	43.609	43.734	43.859	43.983	44.108
120	66.279	66.107	65.952	65.780	65.624	65.780	65.952	66.107	66.279	66.466
125	100.228	99.948	99.667	99.387	99.107	99.387	99.667	99.948	100.228	100.556
130	146.128	145.754	145.396	145.022	144.648	145.022	145.396	145.754	146.128	146.580
135	212.142	211.534	210.927	210.303	209.696	210.303	210.927	211.534	212.142	212.640
140	397.750	399.246	400.726	402.222	403.718	402.222	400.726	399.246	397.750	395.180
145	1012.286	1015.199	1018.113	1021.042	1023.955	1021.042	1018.113	1015.199	1012.286	1008.609
150	1880.640	1881.996	1883.351	1884.707	1886.062	1884.707	1883.351	1881.996	1880.640	1881.871
155	2529.826	2531.462	2533.083	2534.719	2536.339	2534.719	2533.083	2531.462	2529.826	2528.502
160	3257.350	3258.192	3259.018	3259.859	3260.700	3259.859	3259.018	3258.192	3257.350	3253.829
165	4722.759	4723.647	4724.520	4725.408	4726.280	4725.408	4724.520	4723.647	4722.759	4715.452
170	7250.903	7258.506	7266.109	7273.713	7281.316	7273.713	7266.109	7258.506	7250.903	7233.515
175	9866.203	9873.838	9881.472	9889.091	9896.725	9889.091	9881.472	9873.838	9866.203	9847.865
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

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	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929	10604.929
5	9818.808	9789.750	9760.693	9731.636	9700.662	9669.688	9638.730	9607.757	9585.492	9571.937
10	7206.359	7179.202	7152.046	7124.889	7095.442	7065.996	7036.533	7007.086	6985.461	6971.672
15	4701.726	4687.999	4674.258	4660.531	4643.892	4627.252	4610.628	4593.988	4583.144	4578.111
20	3247.613	3241.396	3235.195	3228.979	3221.033	3213.087	3205.125	3197.179	3191.399	3187.784
25	2527.474	2526.446	2525.417	2524.389	2522.488	2520.587	2518.702	2516.801	2516.116	2516.645
30	1885.657	1889.459	1893.245	1897.047	1903.575	1910.087	1916.615	1923.144	1928.659	1933.177
35	1004.200	999.790	995.381	990.972	989.133	987.279	985.441	983.587	982.527	982.262
40	391.518	387.873	384.211	380.565	376.141	371.716	367.275	362.851	359.672	357.756
45	212.999	213.357	213.716	214.074	214.136	214.199	214.261	214.323	214.323	214.261
50	147.094	147.624	148.138	148.668	149.010	149.369	149.711	150.070	150.288	150.397
55	100.945	101.335	101.708	102.098	102.378	102.659	102.924	103.204	103.391	103.500
60	66.699	66.933	67.151	67.385	67.556	67.743	67.915	68.086	68.211	68.289
65	44.248	44.388	44.513	44.653	44.747	44.840	44.918	45.012	45.090	45.152
70	29.151	29.213	29.291	29.353	29.400	29.462	29.509	29.556	29.603	29.649
75	18.026	18.042	18.073	18.104	18.136	18.151	18.182	18.198	18.229	18.245
80	8.959	8.943	8.912	8.881	8.865	8.865	8.850	8.834	8.834	8.834
85	1.838	1.854	1.854	1.854	1.854	1.854	1.870	1.870	1.870	1.870
90	0.748	0.717	0.717	0.717	0.717	0.717	0.686	0.686	0.686	0.654
95	1.838	1.854	1.854	1.854	1.854	1.854	1.870	1.870	1.870	1.870
100	8.959	8.943	8.912	8.881	8.865	8.865	8.850	8.834	8.834	8.834
105	18.026	18.042	18.073	18.104	18.136	18.151	18.182	18.198	18.229	18.245
110	29.151	29.213	29.291	29.353	29.400	29.462	29.509	29.556	29.603	29.649
115	44.248	44.388	44.513	44.653	44.747	44.840	44.918	45.012	45.090	45.152
120	66.699	66.933	67.151	67.385	67.556	67.743	67.915	68.086	68.211	68.289
125	100.945	101.335	101.708	102.098	102.378	102.659	102.924	103.204	103.391	103.500
130	147.094	147.624	148.138	148.668	149.010	149.369	149.711	150.070	150.288	150.397
135	212.999	213.357	213.716	214.074	214.136	214.199	214.261	214.323	214.323	214.261
140	391.518	387.873	384.211	380.565	376.141	371.716	367.275	362.851	359.672	357.756
145	1004.200	999.790	995.381	990.972	989.133	987.279	985.441	983.587	982.527	982.262
150	1885.657	1889.459	1893.245	1897.047	1903.575	1910.087	1916.615	1923.144	1928.659	1933.177

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-N-XX_.IES

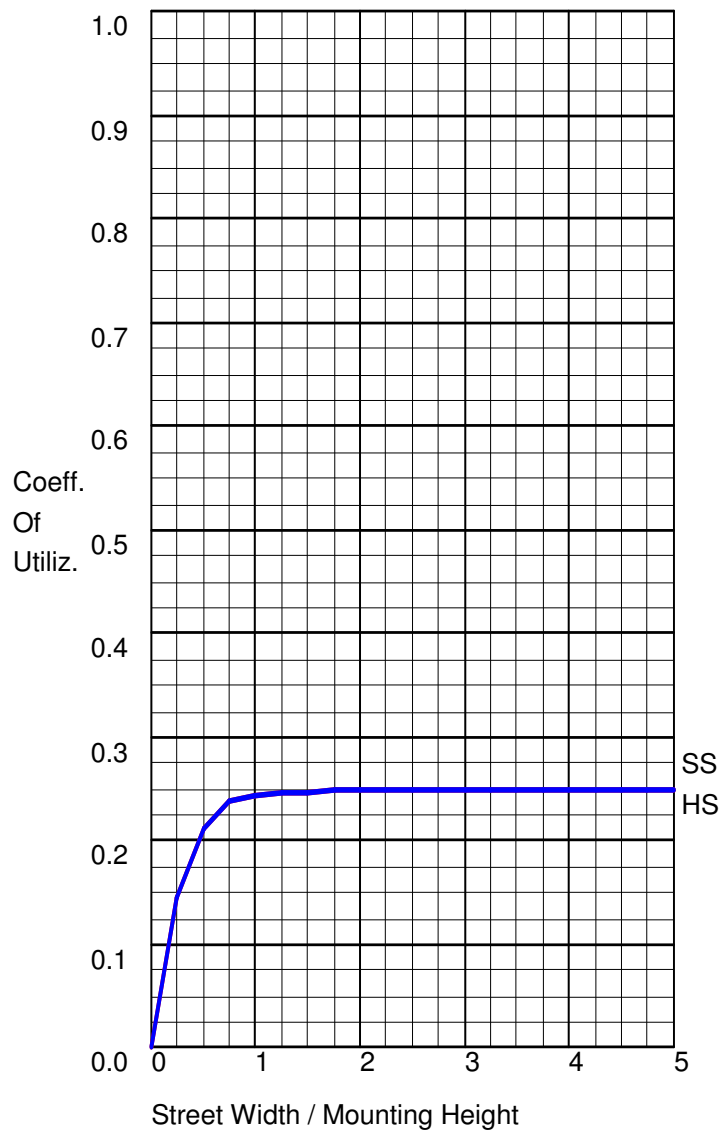
CANDELA TABULATION - (Cont.)

155	2527.474	2526.446	2525.417	2524.389	2522.488	2520.587	2518.702	2516.801	2516.116	2516.645
160	3247.613	3241.396	3235.195	3228.979	3221.033	3213.087	3205.125	3197.179	3191.399	3187.784
165	4701.726	4687.999	4674.258	4660.531	4643.892	4627.252	4610.628	4593.988	4583.144	4578.111
170	7206.359	7179.202	7152.046	7124.889	7095.442	7065.996	7036.533	7007.086	6985.461	6971.672
175	9818.808	9789.750	9760.693	9731.636	9700.662	9669.704	9638.730	9607.757	9585.492	9571.937
180	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979	10603.979

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10604.929	10604.929	10604.929
5	9558.398	9544.843	9531.288
10	6957.884	6944.079	6930.291
15	4573.079	4568.031	4562.998
20	3184.154	3180.539	3176.925
25	2517.191	2517.721	2518.250
30	1937.696	1942.214	1946.732
35	981.982	981.717	981.437
40	355.824	353.907	351.975
45	214.214	214.152	214.089
50	150.506	150.600	150.709
55	103.609	103.718	103.827
60	68.351	68.429	68.491
65	45.230	45.292	45.354
70	29.681	29.727	29.758
75	18.260	18.291	18.307
80	8.834	8.834	8.834
85	1.854	1.854	1.854
90	0.654	0.623	0.623
95	1.854	1.854	1.854
100	8.834	8.834	8.834
105	18.260	18.291	18.307
110	29.681	29.727	29.758
115	45.230	45.292	45.354
120	68.351	68.429	68.491
125	103.609	103.718	103.827
130	150.506	150.600	150.709
135	214.214	214.152	214.089
140	355.824	353.907	351.975
145	981.982	981.717	981.437
150	1937.696	1942.214	1946.732
155	2517.191	2517.721	2518.250
160	3184.154	3180.539	3176.925
165	4573.079	4568.031	4562.998
170	6957.884	6944.079	6930.291
175	9558.398	9544.843	9531.288
180	10603.979	10603.979	10603.979

COEFFICIENTS OF UTILIZATION



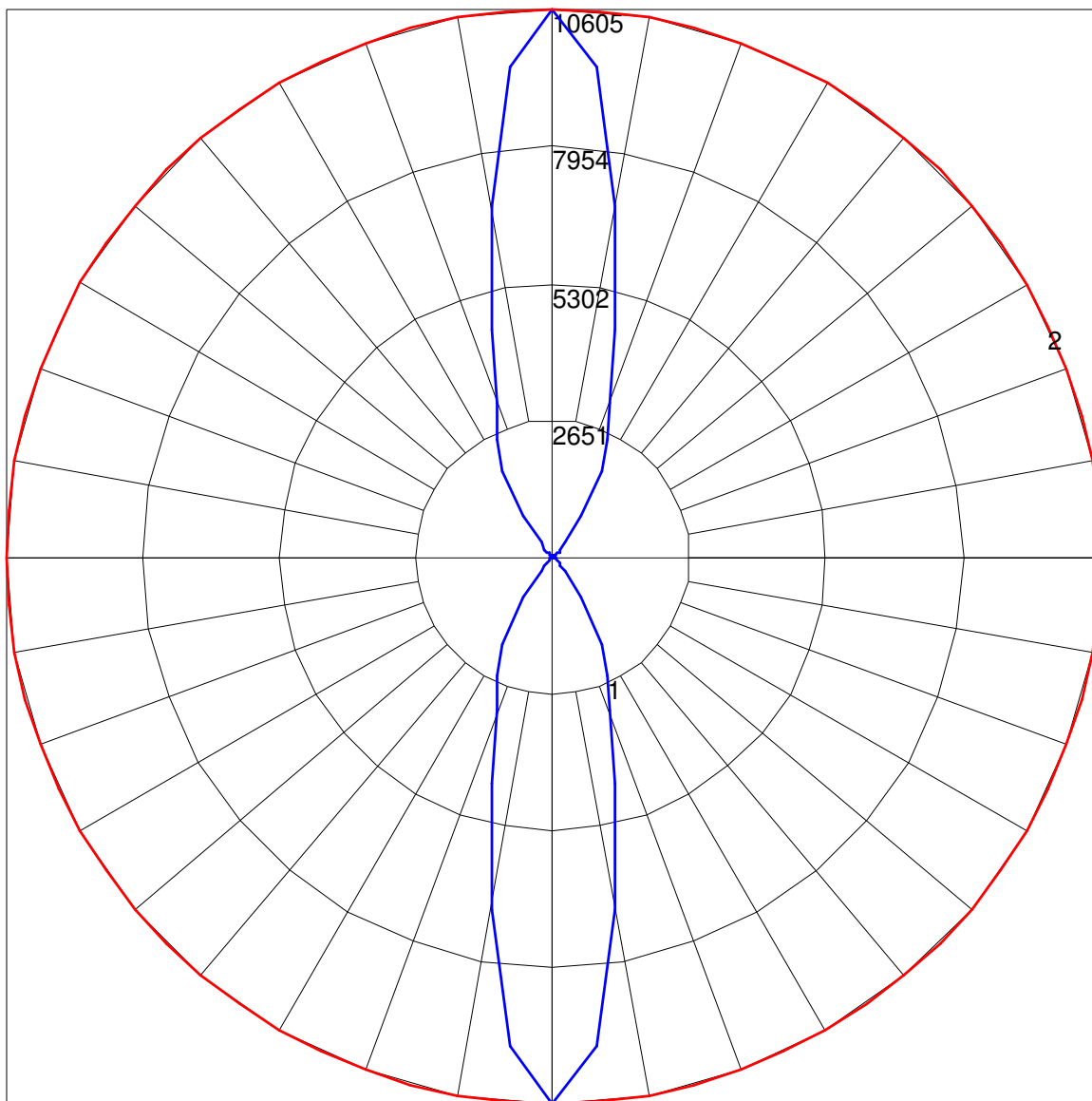
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2179.3	25.0
Downward House Side	2179.3	25.0
Downward Total	4358.6	50.0
Upward Street Side	2179.3	25.0
Upward House Side	2179.3	25.0
Upward Total	4358.6	50.0
Total Flux	8717.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10604.929 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

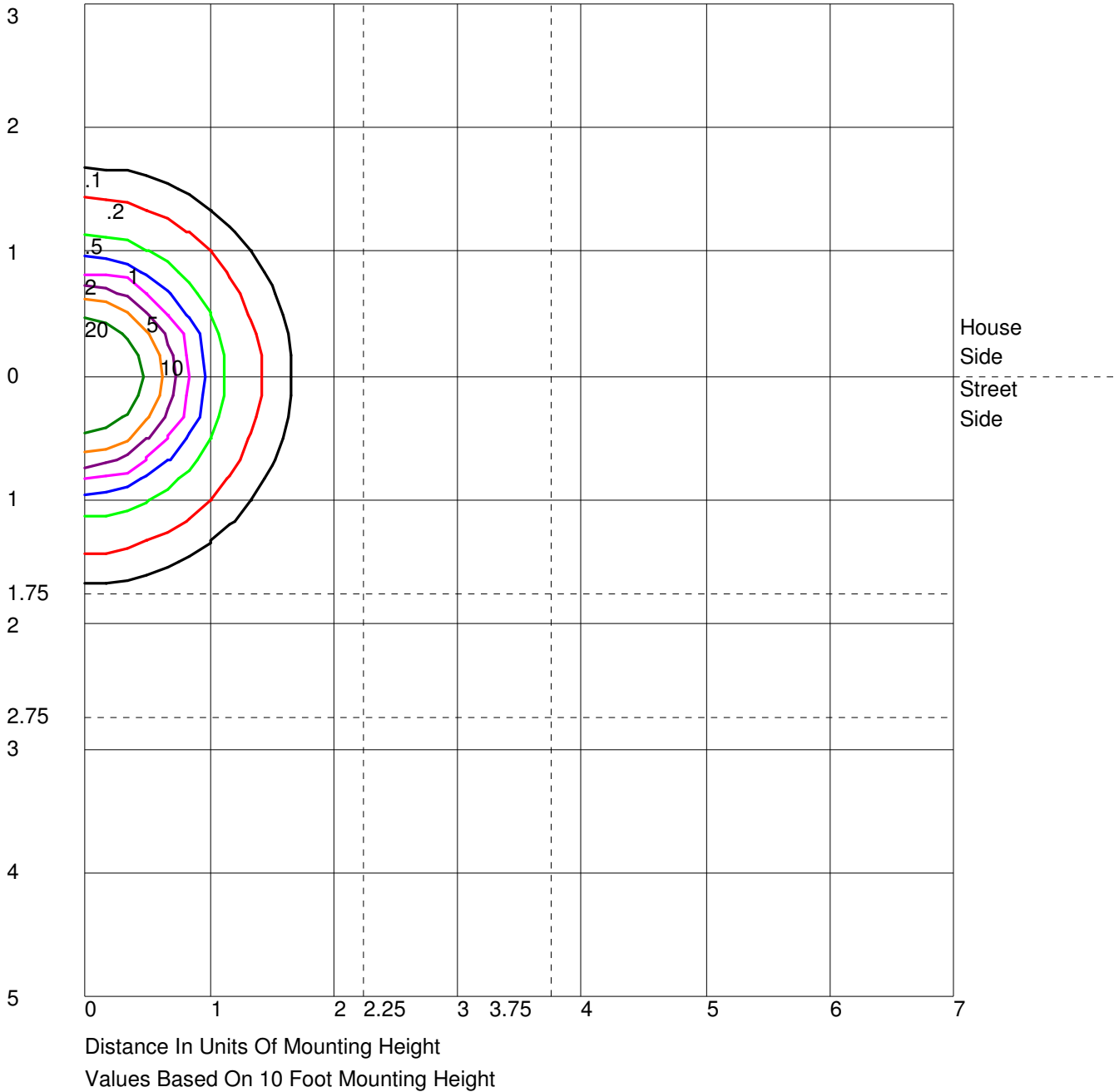


PHOTO LUMENS

