

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-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-L50-940U-L50-940D-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	8901
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10828.193
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10828.193
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.795 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.195 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1713.6	N.A.	19.3
FM - Front-Medium (30-60)	476.3	N.A.	5.4
FH - Front-High (60-80)	33.4	N.A.	0.4
FVH - Front-Very High (80-90)	1.9	N.A.	0.0
BL - Back-Low (0-30)	1713.6	N.A.	19.3
BM - Back-Medium (30-60)	476.3	N.A.	5.4
BH - Back-High (60-80)	33.4	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)	4446.6	N.A.	50.0
Total	8900.7	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	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	9731.949	9745.789	9759.629	9773.454	9787.294	9810.027	9841.653	9873.263	9904.889	9936.514
10	7076.193	7090.272	7104.367	7118.446	7132.525	7154.605	7184.672	7214.755	7244.822	7274.888
15	4659.062	4664.201	4669.355	4674.494	4679.632	4690.704	4707.694	4724.669	4741.659	4758.649
20	3243.808	3247.499	3251.189	3254.896	3258.587	3264.489	3272.602	3280.731	3288.845	3296.958
25	2571.267	2570.726	2570.185	2569.628	2569.087	2569.787	2571.728	2573.653	2575.594	2577.534
30	1987.716	1983.103	1978.490	1973.876	1969.263	1963.631	1956.966	1950.300	1943.650	1936.985
35	1002.099	1002.385	1002.656	1002.942	1003.212	1004.294	1006.187	1008.064	1009.957	1011.835
40	359.386	361.358	363.315	365.288	367.244	370.490	375.008	379.541	384.059	388.577
45	218.597	218.660	218.724	218.772	218.835	218.835	218.772	218.708	218.644	218.581
50	153.881	153.770	153.675	153.563	153.452	153.229	152.863	152.513	152.147	151.797
55	106.013	105.902	105.791	105.679	105.568	105.377	105.091	104.820	104.534	104.247
60	69.933	69.869	69.790	69.726	69.647	69.519	69.344	69.170	68.979	68.804
65	46.309	46.246	46.182	46.102	46.039	45.959	45.864	45.784	45.689	45.593
70	30.385	30.353	30.305	30.274	30.226	30.178	30.130	30.083	30.019	29.971
75	18.692	18.676	18.645	18.629	18.613	18.581	18.565	18.533	18.517	18.486
80	9.020	9.020	9.020	9.020	9.020	9.020	9.036	9.052	9.052	9.068
85	1.893	1.893	1.893	1.909	1.909	1.909	1.909	1.893	1.893	1.893
90	0.636	0.636	0.668	0.668	0.700	0.700	0.700	0.732	0.732	0.732
95	1.893	1.893	1.893	1.909	1.909	1.909	1.909	1.893	1.893	1.893
100	9.020	9.020	9.020	9.020	9.020	9.020	9.036	9.052	9.052	9.068
105	18.692	18.676	18.645	18.629	18.613	18.581	18.565	18.533	18.517	18.486
110	30.385	30.353	30.305	30.274	30.226	30.178	30.130	30.083	30.019	29.971
115	46.309	46.246	46.182	46.102	46.039	45.959	45.864	45.784	45.689	45.593
120	69.933	69.869	69.790	69.726	69.647	69.519	69.344	69.170	68.979	68.804
125	106.013	105.902	105.791	105.679	105.568	105.377	105.091	104.820	104.534	104.247
130	153.881	153.770	153.675	153.563	153.452	153.229	152.863	152.513	152.147	151.797
135	218.597	218.660	218.724	218.772	218.835	218.835	218.772	218.708	218.644	218.581
140	359.386	361.358	363.315	365.288	367.244	370.490	375.008	379.541	384.059	388.577
145	1002.099	1002.385	1002.656	1002.942	1003.212	1004.294	1006.187	1008.064	1009.957	1011.835
150	1987.716	1983.103	1978.490	1973.876	1969.263	1963.631	1956.966	1950.300	1943.650	1936.985
155	2571.267	2570.726	2570.185	2569.628	2569.087	2569.787	2571.728	2573.653	2575.594	2577.534
160	3243.808	3247.499	3251.189	3254.896	3258.587	3264.489	3272.602	3280.731	3288.845	3296.958
165	4659.062	4664.201	4669.355	4674.494	4679.632	4690.704	4707.694	4724.669	4741.659	4758.649
170	7076.193	7090.272	7104.367	7118.446	7132.525	7154.605	7184.672	7214.755	7244.822	7274.888
175	9731.949	9745.789	9759.629	9773.454	9787.294	9810.027	9841.653	9873.279	9904.889	9936.514
180	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	9966.183	9995.852	10025.522	10055.191	10073.915	10081.710	10089.489	10097.284	10105.079	10109.284
10	7302.617	7330.345	7358.073	7385.801	7403.555	7411.318	7419.082	7426.845	7434.608	7426.845
15	4772.664	4786.695	4800.710	4814.726	4822.187	4823.093	4823.984	4824.891	4825.782	4824.891
20	3303.305	3309.637	3315.984	3322.332	3325.927	3326.786	3327.629	3328.488	3329.347	3328.488
25	2578.584	2579.634	2580.684	2581.734	2583.086	2584.757	2586.411	2588.082	2589.736	2588.082
30	1933.103	1929.237	1925.356	1921.490	1920.233	1921.617	1923.001	1924.385	1925.769	1924.385
35	1016.337	1020.839	1025.341	1029.843	1033.597	1036.572	1039.547	1042.538	1045.513	1042.538
40	392.300	396.038	399.761	403.499	406.124	407.651	409.163	410.690	412.217	410.690
45	218.215	217.849	217.483	217.117	216.608	215.988	215.367	214.731	214.110	214.731
50	151.257	150.732	150.191	149.666	149.204	148.823	148.457	148.075	147.693	148.075
55	103.850	103.468	103.070	102.672	102.338	102.052	101.766	101.479	101.193	101.479

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CANDELA TABULATION - (Cont.)

60	68.565	68.342	68.104	67.865	67.674	67.499	67.340	67.165	67.006	67.165
65	45.450	45.323	45.180	45.037	44.909	44.782	44.655	44.527	44.400	44.527
70	29.908	29.828	29.765	29.685	29.605	29.526	29.446	29.367	29.287	29.367
75	18.454	18.422	18.406	18.374	18.342	18.295	18.263	18.215	18.183	18.215
80	9.100	9.131	9.147	9.179	9.195	9.179	9.179	9.163	9.147	9.163
85	1.893	1.893	1.877	1.877	1.877	1.877	1.861	1.861	1.861	1.861
90	0.732	0.732	0.764	0.764	0.764	0.764	0.795	0.795	0.795	0.795
95	1.893	1.893	1.877	1.877	1.877	1.877	1.861	1.861	1.861	1.861
100	9.100	9.131	9.147	9.179	9.195	9.179	9.179	9.163	9.147	9.163
105	18.454	18.422	18.406	18.374	18.342	18.295	18.263	18.215	18.183	18.215
110	29.908	29.828	29.765	29.685	29.605	29.526	29.446	29.367	29.287	29.367
115	45.450	45.323	45.180	45.037	44.909	44.782	44.655	44.527	44.400	44.527
120	68.565	68.342	68.104	67.865	67.674	67.499	67.340	67.165	67.006	67.165
125	103.850	103.468	103.070	102.672	102.338	102.052	101.766	101.479	101.193	101.479
130	151.257	150.732	150.191	149.666	149.204	148.823	148.457	148.075	147.693	148.075
135	218.215	217.849	217.483	217.117	216.608	215.988	215.367	214.731	214.110	214.731
140	392.300	396.038	399.761	403.499	406.124	407.651	409.163	410.690	412.217	410.690
145	1016.337	1020.839	1025.341	1029.843	1033.597	1036.572	1039.547	1042.538	1045.513	1042.538
150	1933.103	1929.237	1925.356	1921.490	1920.233	1921.617	1923.001	1924.385	1925.769	1924.385
155	2578.584	2579.634	2580.684	2581.734	2583.086	2584.757	2586.411	2588.082	2589.736	2588.082
160	3303.305	3309.637	3315.984	3322.332	3325.927	3326.786	3327.629	3328.488	3329.347	3328.488
165	4772.664	4786.695	4800.710	4814.726	4822.187	4823.093	4823.984	4824.891	4825.782	4824.891
170	7302.617	7330.345	7358.073	7385.801	7403.555	7411.318	7419.082	7426.845	7434.608	7426.845
175	9966.183	9995.852	10025.522	10055.191	10073.915	10081.710	10089.505	10097.284	10105.079	10097.284
180	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	10089.489	10081.710	10073.915	10055.191	10025.522	9995.852	9966.183	9936.514	9904.889	9873.263
10	7419.082	7411.318	7403.555	7385.801	7358.073	7330.345	7302.617	7274.888	7244.822	7214.755
15	4823.984	4823.093	4822.187	4814.726	4800.710	4786.695	4772.664	4758.649	4741.659	4724.669
20	3327.629	3326.786	3325.927	3322.332	3315.984	3309.637	3303.305	3296.958	3288.845	3280.731
25	2586.411	2584.757	2583.086	2581.734	2580.684	2579.634	2578.584	2577.534	2575.594	2573.653
30	1923.001	1921.617	1920.233	1921.490	1925.356	1929.237	1933.103	1936.985	1943.650	1950.300
35	1039.547	1036.572	1033.597	1029.843	1025.341	1020.839	1016.337	1011.835	1009.957	1008.064
40	409.163	407.651	406.124	403.499	399.761	396.038	392.300	388.577	384.059	379.541
45	215.367	215.988	216.608	217.117	217.483	217.849	218.215	218.581	218.644	218.708
50	148.457	148.823	149.204	149.666	150.191	150.732	151.257	151.797	152.147	152.513
55	101.766	102.052	102.338	102.672	103.070	103.468	103.850	104.247	104.534	104.820
60	67.340	67.499	67.674	67.865	68.104	68.342	68.565	68.804	68.979	69.170
65	44.655	44.782	44.909	45.037	45.180	45.323	45.450	45.593	45.689	45.784
70	29.446	29.526	29.605	29.685	29.765	29.828	29.908	29.971	30.019	30.083
75	18.263	18.295	18.342	18.374	18.406	18.422	18.454	18.486	18.517	18.533
80	9.179	9.179	9.195	9.179	9.147	9.131	9.100	9.068	9.052	9.052
85	1.861	1.877	1.877	1.877	1.877	1.893	1.893	1.893	1.893	1.893
90	0.795	0.764	0.764	0.764	0.764	0.732	0.732	0.732	0.732	0.732
95	1.861	1.877	1.877	1.877	1.877	1.893	1.893	1.893	1.893	1.893
100	9.179	9.179	9.195	9.179	9.147	9.131	9.100	9.068	9.052	9.052
105	18.263	18.295	18.342	18.374	18.406	18.422	18.454	18.486	18.517	18.533
110	29.446	29.526	29.605	29.685	29.765	29.828	29.908	29.971	30.019	30.083
115	44.655	44.782	44.909	45.037	45.180	45.323	45.450	45.593	45.689	45.784
120	67.340	67.499	67.674	67.865	68.104	68.342	68.565	68.804	68.979	69.170
125	101.766	102.052	102.338	102.672	103.070	103.468	103.850	104.247	104.534	104.820
130	148.457	148.823	149.204	149.666	150.191	150.732	151.257	151.797	152.147	152.513

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[illegible]

	150	155	160	165	170	175	180	185	190	195
0	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	9841.653	9810.027	9787.294	9773.454	9759.629	9745.789	9731.949	9745.789	9759.629	9773.454
10	7184.672	7154.605	7132.525	7118.446	7104.367	7090.272	7076.193	7090.272	7104.367	7118.446
15	4707.694	4690.704	4679.632	4674.494	4669.355	4664.201	4659.062	4664.201	4669.355	4674.494
20	3272.602	3264.489	3258.587	3254.896	3251.189	3247.499	3243.808	3247.499	3251.189	3254.896
25	2571.728	2569.787	2569.087	2569.628	2570.185	2570.726	2571.267	2570.726	2570.185	2569.628
30	1956.966	1963.631	1969.263	1973.876	1978.490	1983.103	1987.716	1983.103	1978.490	1973.876
35	1006.187	1004.294	1003.212	1002.942	1002.656	1002.385	1002.099	1002.385	1002.656	1002.942
40	375.008	370.490	367.244	365.288	363.315	361.358	359.386	361.358	363.315	365.288
45	218.772	218.835	218.835	218.772	218.724	218.660	218.597	218.660	218.724	218.772
50	152.863	153.229	153.452	153.563	153.675	153.770	153.881	153.770	153.675	153.563
55	105.091	105.377	105.568	105.679	105.791	105.902	106.013	105.902	105.791	105.679
60	69.344	69.519	69.647	69.726	69.790	69.869	69.933	69.869	69.790	69.726
65	45.864	45.959	46.039	46.102	46.182	46.246	46.309	46.246	46.182	46.102
70	30.130	30.178	30.226	30.274	30.305	30.353	30.385	30.353	30.305	30.274
75	18.565	18.581	18.613	18.629	18.645	18.676	18.692	18.676	18.645	18.629
80	9.036	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.020
85	1.909	1.909	1.909	1.909	1.893	1.893	1.893	1.893	1.893	1.909
90	0.700	0.700	0.700	0.668	0.668	0.636	0.636	0.636	0.668	0.668
95	1.909	1.909	1.909	1.909	1.893	1.893	1.893	1.893	1.893	1.909
100	9.036	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.020
105	18.565	18.581	18.613	18.629	18.645	18.676	18.692	18.676	18.645	18.629
110	30.130	30.178	30.226	30.274	30.305	30.353	30.385	30.353	30.305	30.274
115	45.864	45.959	46.039	46.102	46.182	46.246	46.309	46.246	46.182	46.102
120	69.344	69.519	69.647	69.726	69.790	69.869	69.933	69.869	69.790	69.726
125	105.091	105.377	105.568	105.679	105.791	105.902	106.013	105.902	105.791	105.679
130	152.863	153.229	153.452	153.563	153.675	153.770	153.881	153.770	153.675	153.563
135	218.772	218.835	218.835	218.772	218.724	218.660	218.597	218.660	218.724	218.772
140	375.008	370.490	367.244	365.288	363.315	361.358	359.386	361.358	363.315	365.288
145	1006.187	1004.294	1003.212	1002.942	1002.656	1002.385	1002.099	1002.385	1002.656	1002.942
150	1956.966	1963.631	1969.263	1973.876	1978.490	1983.103	1987.716	1983.103	1978.490	1973.876
15										

[illegible]

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

5	9787.294	9810.027	9841.653	9873.263	9904.889	9936.514	9966.183	9995.852	10025.522	10055.191
10	7132.525	7154.605	7184.672	7214.755	7244.822	7274.888	7302.617	7330.345	7358.073	7385.801
15	4679.632	4690.704	4707.694	4724.669	4741.659	4758.649	4772.664	4786.695	4800.710	4814.726
20	3258.587	3264.489	3272.602	3280.731	3288.845	3296.958	3303.305	3309.637	3315.984	3322.332
25	2569.087	2569.787	2571.728	2573.653	2575.594	2577.534	2578.584	2579.634	2580.684	2581.734
30	1969.263	1963.631	1956.966	1950.300	1943.650	1936.985	1933.103	1929.237	1925.356	1921.490
35	1003.212	1004.294	1006.187	1008.064	1009.957	1011.835	1016.337	1020.839	1025.341	1029.843
40	367.244	370.490	375.008	379.541	384.059	388.577	392.300	396.038	399.761	403.499
45	218.835	218.835	218.772	218.708	218.644	218.581	218.215	217.849	217.483	217.117
50	153.452	153.229	152.863	152.513	152.147	151.797	151.257	150.732	150.191	149.666
55	105.568	105.377	105.091	104.820	104.534	104.247	103.850	103.468	103.070	102.672
60	69.647	69.519	69.344	69.170	68.979	68.804	68.565	68.342	68.104	67.865
65	46.039	45.959	45.864	45.784	45.689	45.593	45.450	45.323	45.180	45.037
70	30.226	30.178	30.130	30.083	30.019	29.971	29.908	29.828	29.765	29.685
75	18.613	18.581	18.565	18.533	18.517	18.486	18.454	18.422	18.406	18.374
80	9.020	9.020	9.036	9.052	9.052	9.068	9.100	9.131	9.147	9.179
85	1.909	1.909	1.909	1.893	1.893	1.893	1.893	1.893	1.877	1.877
90	0.700	0.700	0.700	0.732	0.732	0.732	0.732	0.732	0.764	0.764
95	1.909	1.909	1.909	1.893	1.893	1.893	1.893	1.893	1.877	1.877
100	9.020	9.020	9.036	9.052	9.052	9.068	9.100	9.131	9.147	9.179
105	18.613	18.581	18.565	18.533	18.517	18.486	18.454	18.422	18.406	18.374
110	30.226	30.178	30.130	30.083	30.019	29.971	29.908	29.828	29.765	29.685
115	46.039	45.959	45.864	45.784	45.689	45.593	45.450	45.323	45.180	45.037
120	69.647	69.519	69.344	69.170	68.979	68.804	68.565	68.342	68.104	67.865
125	105.568	105.377	105.091	104.820	104.534	104.247	103.850	103.468	103.070	102.672
130	153.452	153.229	152.863	152.513	152.147	151.797	151.257	150.732	150.191	149.666
135	218.835	218.835	218.772	218.708	218.644	218.581	218.215	217.849	217.483	217.117
140	367.244	370.490	375.008	379.541	384.059	388.577	392.300	396.038	399.761	403.499
145	1003.212	1004.294	1006.187	1008.064	1009.957	1011.835	1016.337	1020.839	1025.341	1029.843
150	1969.263	1963.631	1956.966	1950.300	1943.650	1936.985	1933.103	1929.237	1925.356	1921.490
155	2569.087	2569.787	2571.728	2573.653	2575.594	2577.534	2578.584	2579.634	2580.684	2581.734
160	3258.587	3264.489	3272.602	3280.731	3288.845	3296.958	3303.305	3309.637	3315.984	3322.332
165	4679.632	4690.704	4707.694	4724.669	4741.659	4758.649	4772.664	4786.695	4800.710	4814.726
170	7132.525	7154.605	7184.672	7214.755	7244.822	7274.888	7302.617	7330.345	7358.073	7385.801
175	9787.294	9810.027	9841.653	9873.279	9904.889	9936.514	9966.183	9995.852	10025.522	10055.191
180	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223

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	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	10073.915	10081.710	10089.489	10097.284	10105.079	10097.284	10089.489	10081.710	10073.915	10055.191
10	7403.555	7411.318	7419.082	7426.845	7434.608	7426.845	7419.082	7411.318	7403.555	7385.801
15	4822.187	4823.093	4823.984	4824.891	4825.782	4824.891	4823.984	4823.093	4822.187	4814.726
20	3325.927	3326.786	3327.629	3328.488	3329.347	3328.488	3327.629	3326.786	3325.927	3322.332
25	2583.086	2584.757	2586.411	2588.082	2589.736	2588.082	2586.411	2584.757	2583.086	2581.734
30	1920.233	1921.617	1923.001	1924.385	1925.769	1924.385	1923.001	1921.617	1920.233	1921.490
35	1033.597	1036.572	1039.547	1042.538	1045.513	1042.538	1039.547	1036.572	1033.597	1029.843
40	406.124	407.651	409.163	410.690	412.217	410.690	409.163	407.651	406.124	403.499
45	216.608	215.988	215.367	214.731	214.110	214.731	215.367	215.988	216.608	217.117
50	149.204	148.823	148.457	148.075	147.693	148.075	148.457	148.823	149.204	149.666
55	102.338	102.052	101.766	101.479	101.193	101.479	101.766	102.052	102.338	102.672
60	67.674	67.499	67.340	67.165	67.006	67.165	67.340	67.499	67.674	67.865
65	44.909	44.782	44.655	44.527	44.400	44.527	44.655	44.782	44.909	45.037
70	29.605	29.526	29.446	29.367	29.287	29.367	29.446	29.526	29.605	29.685
75	18.342	18.295	18.263	18.215	18.183	18.215	18.263	18.295	18.342	18.374

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	9.195	9.179	9.179	9.163	9.147	9.163	9.179	9.179	9.195	9.179
85	1.877	1.877	1.861	1.861	1.861	1.861	1.861	1.877	1.877	1.877
90	0.764	0.764	0.795	0.795	0.795	0.795	0.795	0.764	0.764	0.764
95	1.877	1.877	1.861	1.861	1.861	1.861	1.861	1.877	1.877	1.877
100	9.195	9.179	9.179	9.163	9.147	9.163	9.179	9.179	9.195	9.179
105	18.342	18.295	18.263	18.215	18.183	18.215	18.263	18.295	18.342	18.374
110	29.605	29.526	29.446	29.367	29.287	29.367	29.446	29.526	29.605	29.685
115	44.909	44.782	44.655	44.527	44.400	44.527	44.655	44.782	44.909	45.037
120	67.674	67.499	67.340	67.165	67.006	67.165	67.340	67.499	67.674	67.865
125	102.338	102.052	101.766	101.479	101.193	101.479	101.766	102.052	102.338	102.672
130	149.204	148.823	148.457	148.075	147.693	148.075	148.457	148.823	149.204	149.666
135	216.608	215.988	215.367	214.731	214.110	214.731	215.367	215.988	216.608	217.117
140	406.124	407.651	409.163	410.690	412.217	410.690	409.163	407.651	406.124	403.499
145	1033.597	1036.572	1039.547	1042.538	1045.513	1042.538	1039.547	1036.572	1033.597	1029.843
150	1920.233	1921.617	1923.001	1924.385	1925.769	1924.385	1923.001	1921.617	1920.233	1921.490
155	2583.086	2584.757	2586.411	2588.082	2589.736	2588.082	2586.411	2584.757	2583.086	2581.734
160	3325.927	3326.786	3327.629	3328.488	3329.347	3328.488	3327.629	3326.786	3325.927	3322.332
165	4822.187	4823.093	4823.984	4824.891	4825.782	4824.891	4823.984	4823.093	4822.187	4814.726
170	7403.555	7411.318	7419.082	7426.845	7434.608	7426.845	7419.082	7411.318	7403.555	7385.801
175	10073.915	10081.710	10089.505	10097.284	10105.079	10097.284	10089.505	10081.710	10073.915	10055.191
180	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223

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	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193	10828.193
5	10025.522	9995.852	9966.183	9936.514	9904.889	9873.263	9841.653	9810.027	9787.294	9773.454
10	7358.073	7330.345	7302.617	7274.888	7244.822	7214.755	7184.672	7154.605	7132.525	7118.446
15	4800.710	4786.695	4772.664	4758.649	4741.659	4724.669	4707.694	4690.704	4679.632	4674.494
20	3315.984	3309.637	3303.305	3296.958	3288.845	3280.731	3272.602	3264.489	3258.587	3254.896
25	2580.684	2579.634	2578.584	2577.534	2575.594	2573.653	2571.728	2569.787	2569.087	2569.628
30	1925.356	1929.237	1933.103	1936.985	1943.650	1950.300	1956.966	1963.631	1969.263	1973.876
35	1025.341	1020.839	1016.337	1011.835	1009.957	1008.064	1006.187	1004.294	1003.212	1002.942
40	399.761	396.038	392.300	388.577	384.059	379.541	375.008	370.490	367.244	365.288
45	217.483	217.849	218.215	218.581	218.644	218.708	218.772	218.835	218.835	218.772
50	150.191	150.732	151.257	151.797	152.147	152.513	152.863	153.229	153.452	153.563
55	103.070	103.468	103.850	104.247	104.534	104.820	105.091	105.377	105.568	105.679
60	68.104	68.342	68.565	68.804	68.979	69.170	69.344	69.519	69.647	69.726
65	45.180	45.323	45.450	45.593	45.689	45.784	45.864	45.959	46.039	46.102
70	29.765	29.828	29.908	29.971	30.019	30.083	30.130	30.178	30.226	30.274
75	18.406	18.422	18.454	18.486	18.517	18.533	18.565	18.581	18.613	18.629
80	9.147	9.131	9.100	9.068	9.052	9.052	9.036	9.020	9.020	9.020
85	1.877	1.893	1.893	1.893	1.893	1.893	1.909	1.909	1.909	1.909
90	0.764	0.732	0.732	0.732	0.732	0.732	0.700	0.700	0.700	0.668
95	1.877	1.893	1.893	1.893	1.893	1.893	1.909	1.909	1.909	1.909
100	9.147	9.131	9.100	9.068	9.052	9.052	9.036	9.020	9.020	9.020
105	18.406	18.422	18.454	18.486	18.517	18.533	18.565	18.581	18.613	18.629
110	29.765	29.828	29.908	29.971	30.019	30.083	30.130	30.178	30.226	30.274
115	45.180	45.323	45.450	45.593	45.689	45.784	45.864	45.959	46.039	46.102
120	68.104	68.342	68.565	68.804	68.979	69.170	69.344	69.519	69.647	69.726
125	103.070	103.468	103.850	104.247	104.534	104.820	105.091	105.377	105.568	105.679
130	150.191	150.732	151.257	151.797	152.147	152.513	152.863	153.229	153.452	153.563
135	217.483	217.849	218.215	218.581	218.644	218.708	218.772	218.835	218.835	218.772
140	399.761	396.038	392.300	388.577	384.059	379.541	375.008	370.490	367.244	365.288
145	1025.341	1020.839	1016.337	1011.835	1009.957	1008.064	1006.187	1004.294	1003.212	1002.942
150	1925.356	1929.237	1933.103	1936.985	1943.650	1950.300	1956.966	1963.631	1969.263	1973.876

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-N-XX_.IES

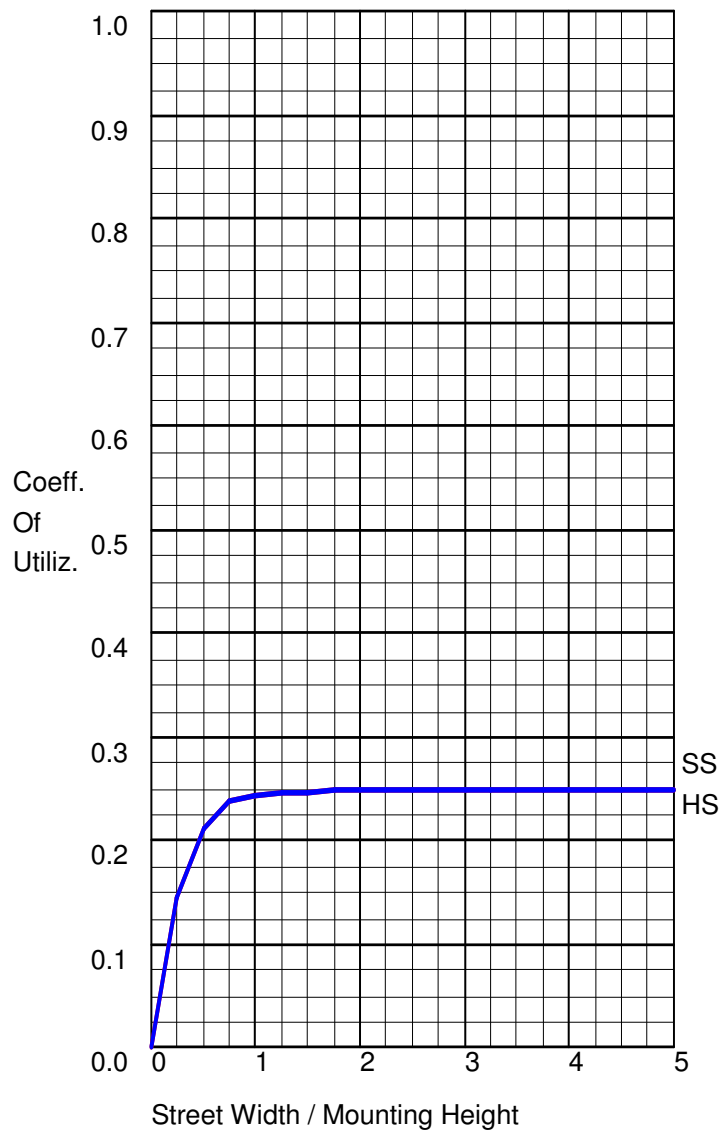
CANDELA TABULATION - (Cont.)

155	2580.684	2579.634	2578.584	2577.534	2575.594	2573.653	2571.728	2569.787	2569.087	2569.628
160	3315.984	3309.637	3303.305	3296.958	3288.845	3280.731	3272.602	3264.489	3258.587	3254.896
165	4800.710	4786.695	4772.664	4758.649	4741.659	4724.669	4707.694	4690.704	4679.632	4674.494
170	7358.073	7330.345	7302.617	7274.888	7244.822	7214.755	7184.672	7154.605	7132.525	7118.446
175	10025.522	9995.852	9966.183	9936.514	9904.889	9873.279	9841.653	9810.027	9787.294	9773.454
180	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223	10827.223

Vert. Horizontal Angles

	350	355	360
0	10828.193	10828.193	10828.193
5	9759.629	9745.789	9731.949
10	7104.367	7090.272	7076.193
15	4669.355	4664.201	4659.062
20	3251.189	3247.499	3243.808
25	2570.185	2570.726	2571.267
30	1978.490	1983.103	1987.716
35	1002.656	1002.385	1002.099
40	363.315	361.358	359.386
45	218.724	218.660	218.597
50	153.675	153.770	153.881
55	105.791	105.902	106.013
60	69.790	69.869	69.933
65	46.182	46.246	46.309
70	30.305	30.353	30.385
75	18.645	18.676	18.692
80	9.020	9.020	9.020
85	1.893	1.893	1.893
90	0.668	0.636	0.636
95	1.893	1.893	1.893
100	9.020	9.020	9.020
105	18.645	18.676	18.692
110	30.305	30.353	30.385
115	46.182	46.246	46.309
120	69.790	69.869	69.933
125	105.791	105.902	106.013
130	153.675	153.770	153.881
135	218.724	218.660	218.597
140	363.315	361.358	359.386
145	1002.656	1002.385	1002.099
150	1978.490	1983.103	1987.716
155	2570.185	2570.726	2571.267
160	3251.189	3247.499	3243.808
165	4669.355	4664.201	4659.062
170	7104.367	7090.272	7076.193
175	9759.629	9745.789	9731.949
180	10827.223	10827.223	10827.223

COEFFICIENTS OF UTILIZATION



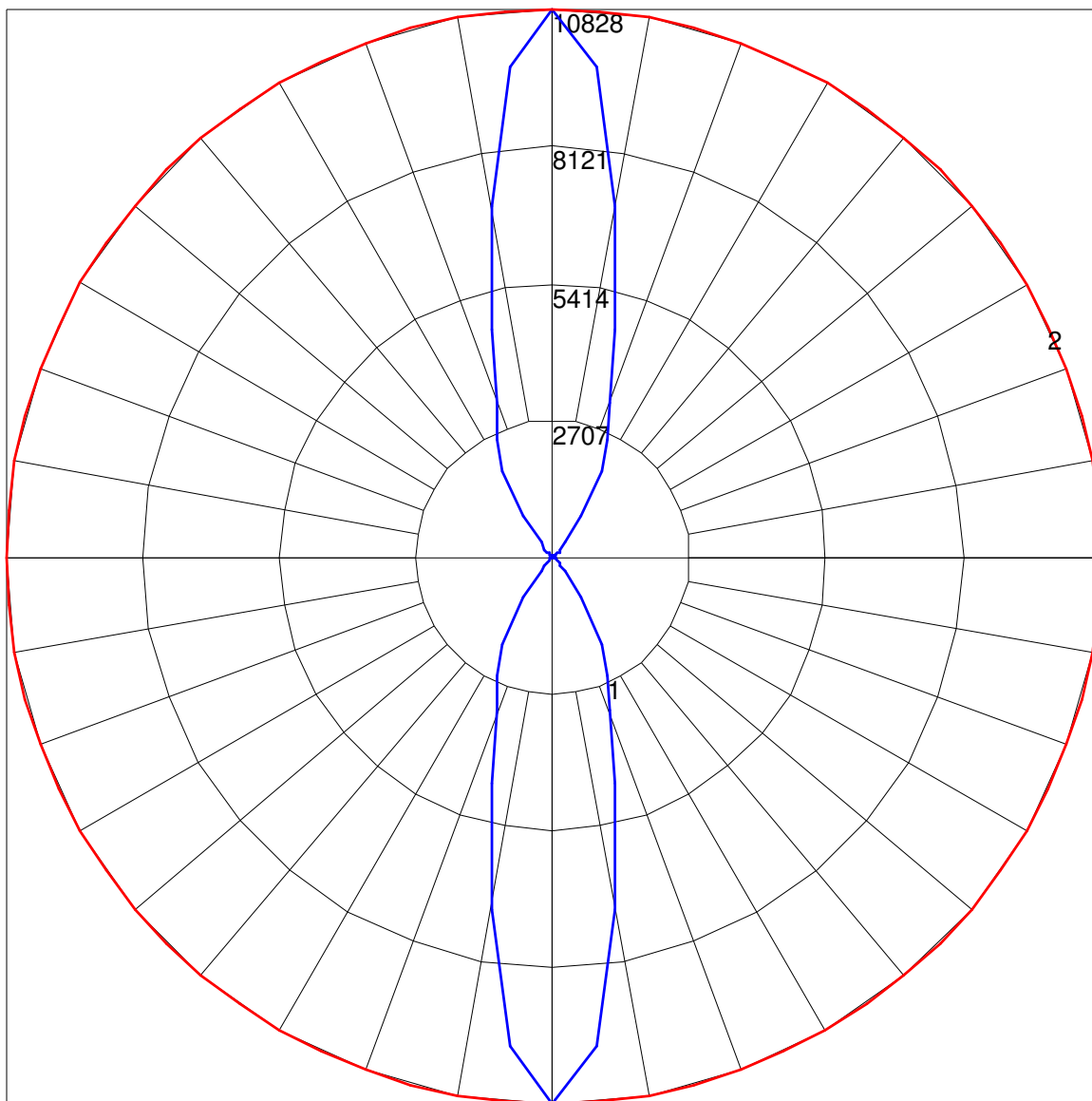
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2225.2	25.0
Downward House Side	2225.2	25.0
Downward Total	4450.4	50.0
Upward Street Side	2225.1	25.0
Upward House Side	2225.1	25.0
Upward Total	4450.2	50.0
Total Flux	8900.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10828.193 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

