

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-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-L50-850U-L50-850D-xxx-DIM-UNV-N-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH NARROW DIST

[LAMPCAT] BL V18 COB

[LAMP] LED

[OTHER] Absolute Photometry

[\_CONVERT] Photometric web converted from original test data

[\_CONVERT] Luminaire test position and photometric web converted from original test data

### CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9084
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	11051.451
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	11051.451
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.812 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.385 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1748.9	N.A.	19.3
FM - Front-Medium (30-60)	486.1	N.A.	5.4
FH - Front-High (60-80)	34.1	N.A.	0.4
FVH - Front-Very High (80-90)	1.9	N.A.	0.0
BL - Back-Low (0-30)	1748.9	N.A.	19.3
BM - Back-Medium (30-60)	486.1	N.A.	5.4
BH - Back-High (60-80)	34.1	N.A.	0.4
BVH - Back-Very High (80-90)	1.9	N.A.	0.0
UL - Uplight-Low (90-100)	3.8	N.A.	0.0
UH - Uplight-High (100-180)	4538.3	N.A.	50.0
Total	9084.1	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	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	9932.604	9946.729	9960.855	9974.964	9989.090	10012.292	10044.570	10076.831	10109.109	10141.387
10	7222.091	7236.460	7250.846	7265.215	7279.584	7302.120	7332.807	7363.510	7394.196	7424.883
15	4755.124	4760.368	4765.629	4770.873	4776.117	4787.418	4804.758	4822.082	4839.423	4856.763
20	3310.689	3314.456	3318.223	3322.006	3325.773	3331.797	3340.077	3348.374	3356.654	3364.935
25	2624.281	2623.729	2623.177	2622.609	2622.057	2622.771	2624.752	2626.717	2628.698	2630.678
30	2028.700	2023.991	2019.282	2014.574	2009.865	2004.118	1997.315	1990.512	1983.725	1976.922
35	1022.760	1023.052	1023.328	1023.621	1023.897	1025.001	1026.933	1028.849	1030.781	1032.697
40	366.795	368.809	370.806	372.819	374.816	378.128	382.739	387.367	391.978	396.589
45	223.104	223.169	223.234	223.282	223.347	223.347	223.282	223.217	223.152	223.087
50	157.054	156.941	156.843	156.729	156.616	156.389	156.015	155.658	155.284	154.927
55	108.199	108.085	107.972	107.858	107.744	107.550	107.257	106.981	106.689	106.397
60	71.375	71.310	71.229	71.164	71.083	70.953	70.774	70.596	70.401	70.222
65	47.264	47.199	47.134	47.053	46.988	46.907	46.809	46.728	46.631	46.533
70	31.011	30.979	30.930	30.898	30.849	30.800	30.752	30.703	30.638	30.589
75	19.078	19.061	19.029	19.013	18.997	18.964	18.948	18.915	18.899	18.867
80	9.206	9.206	9.206	9.206	9.206	9.206	9.222	9.238	9.238	9.255
85	1.932	1.932	1.932	1.948	1.948	1.948	1.948	1.932	1.932	1.932
90	0.649	0.649	0.682	0.682	0.714	0.714	0.714	0.747	0.747	0.747
95	1.932	1.932	1.932	1.948	1.948	1.948	1.948	1.932	1.932	1.932
100	9.206	9.206	9.206	9.206	9.206	9.206	9.222	9.238	9.238	9.255
105	19.078	19.061	19.029	19.013	18.997	18.964	18.948	18.915	18.899	18.867
110	31.011	30.979	30.930	30.898	30.849	30.800	30.752	30.703	30.638	30.589
115	47.264	47.199	47.134	47.053	46.988	46.907	46.809	46.728	46.631	46.533
120	71.375	71.310	71.229	71.164	71.083	70.953	70.774	70.596	70.401	70.222
125	108.199	108.085	107.972	107.858	107.744	107.550	107.257	106.981	106.689	106.397
130	157.054	156.941	156.843	156.729	156.616	156.389	156.015	155.658	155.284	154.927
135	223.104	223.169	223.234	223.282	223.347	223.347	223.282	223.217	223.152	223.087
140	366.795	368.809	370.806	372.819	374.816	378.128	382.739	387.367	391.978	396.589
145	1022.760	1023.052	1023.328	1023.621	1023.897	1025.001	1026.933	1028.849	1030.781	1032.697
150	2028.700	2023.991	2019.282	2014.574	2009.865	2004.118	1997.315	1990.512	1983.725	1976.922
155	2624.281	2623.729	2623.177	2622.609	2622.057	2622.771	2624.752	2626.717	2628.698	2630.678
160	3310.689	3314.456	3318.223	3322.006	3325.773	3331.797	3340.077	3348.374	3356.654	3364.935
165	4755.124	4760.368	4765.629	4770.873	4776.117	4787.418	4804.758	4822.082	4839.423	4856.763
170	7222.091	7236.460	7250.846	7265.215	7279.584	7302.120	7332.807	7363.510	7394.196	7424.883
175	9932.604	9946.729	9960.855	9974.964	9989.090	10012.292	10044.570	10076.847	10109.109	10141.387
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	10171.668	10201.948	10232.229	10262.510	10281.620	10289.576	10297.516	10305.471	10313.427	10305.471
10	7453.183	7481.483	7509.783	7538.083	7556.203	7564.126	7572.049	7579.973	7587.896	7579.973
15	4871.068	4885.388	4899.692	4913.996	4921.611	4922.537	4923.446	4924.371	4925.281	4924.371
20	3371.413	3377.875	3384.354	3390.832	3394.501	3395.378	3396.239	3397.115	3397.992	3397.115
25	2631.750	2632.822	2633.893	2634.965	2636.345	2638.050	2639.738	2641.443	2643.132	2641.443
30	1972.960	1969.015	1965.053	1961.108	1959.825	1961.237	1962.650	1964.063	1965.475	1964.063
35	1037.292	1041.887	1046.482	1051.076	1054.908	1057.944	1060.981	1064.033	1067.069	1064.033
40	400.388	404.204	408.003	411.819	414.498	416.056	417.599	419.158	420.716	419.158
45	222.714	222.341	221.967	221.594	221.074	220.441	219.808	219.158	218.525	219.158
50	154.375	153.839	153.287	152.752	152.281	151.891	151.518	151.128	150.738	151.128
55	105.991	105.601	105.195	104.789	104.448	104.156	103.864	103.572	103.279	103.572

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## CANDELA TABULATION - (Cont.)

60	69.979	69.751	69.508	69.264	69.069	68.891	68.728	68.550	68.388	68.550
65	46.387	46.257	46.111	45.965	45.835	45.705	45.575	45.446	45.316	45.446
70	30.524	30.443	30.378	30.297	30.216	30.135	30.053	29.972	29.891	29.972
75	18.834	18.802	18.785	18.753	18.721	18.672	18.639	18.591	18.558	18.591
80	9.287	9.320	9.336	9.368	9.385	9.368	9.368	9.352	9.336	9.352
85	1.932	1.932	1.916	1.916	1.916	1.916	1.900	1.900	1.900	1.900
90	0.747	0.747	0.779	0.779	0.779	0.779	0.812	0.812	0.812	0.812
95	1.932	1.932	1.916	1.916	1.916	1.916	1.900	1.900	1.900	1.900
100	9.287	9.320	9.336	9.368	9.385	9.368	9.368	9.352	9.336	9.352
105	18.834	18.802	18.785	18.753	18.721	18.672	18.639	18.591	18.558	18.591
110	30.524	30.443	30.378	30.297	30.216	30.135	30.053	29.972	29.891	29.972
115	46.387	46.257	46.111	45.965	45.835	45.705	45.575	45.446	45.316	45.446
120	69.979	69.751	69.508	69.264	69.069	68.891	68.728	68.550	68.388	68.550
125	105.991	105.601	105.195	104.789	104.448	104.156	103.864	103.572	103.279	103.572
130	154.375	153.839	153.287	152.752	152.281	151.891	151.518	151.128	150.738	151.128
135	222.714	222.341	221.967	221.594	221.074	220.441	219.808	219.158	218.525	219.158
140	400.388	404.204	408.003	411.819	414.498	416.056	417.599	419.158	420.716	419.158
145	1037.292	1041.887	1046.482	1051.076	1054.908	1057.944	1060.981	1064.033	1067.069	1064.033
150	1972.960	1969.015	1965.053	1961.108	1959.825	1961.237	1962.650	1964.063	1965.475	1964.063
155	2631.750	2632.822	2633.893	2634.965	2636.345	2638.050	2639.738	2641.443	2643.132	2641.443
160	3371.413	3377.875	3384.354	3390.832	3394.501	3395.378	3396.239	3397.115	3397.992	3397.115
165	4871.068	4885.388	4899.692	4913.996	4921.611	4922.537	4923.446	4924.371	4925.281	4924.371
170	7453.183	7481.483	7509.783	7538.083	7556.203	7564.126	7572.049	7579.973	7587.896	7579.973
175	10171.668	10201.948	10232.229	10262.510	10281.620	10289.576	10297.532	10305.471	10313.427	10305.471
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	10297.516	10289.576	10281.620	10262.510	10232.229	10201.948	10171.668	10141.387	10109.109	10076.831
10	7572.049	7564.126	7556.203	7538.083	7509.783	7481.483	7453.183	7424.883	7394.196	7363.510
15	4923.446	4922.537	4921.611	4913.996	4899.692	4885.388	4871.068	4856.763	4839.423	4822.082
20	3396.239	3395.378	3394.501	3390.832	3384.354	3377.875	3371.413	3364.935	3356.654	3348.374
25	2639.738	2638.050	2636.345	2634.965	2633.893	2632.822	2631.750	2630.678	2628.698	2626.717
30	1962.650	1961.237	1959.825	1961.108	1965.053	1969.015	1972.960	1976.922	1983.725	1990.512
35	1060.981	1057.944	1054.908	1051.076	1046.482	1041.887	1037.292	1032.697	1030.781	1028.849
40	417.599	416.056	414.498	411.819	408.003	404.204	400.388	396.589	391.978	387.367
45	219.808	220.441	221.074	221.594	221.967	222.341	222.714	223.087	223.152	223.217
50	151.518	151.891	152.281	152.752	153.287	153.839	154.375	154.927	155.284	155.658
55	103.864	104.156	104.448	104.789	105.195	105.601	105.991	106.397	106.689	106.981
60	68.728	68.891	69.069	69.264	69.508	69.751	69.979	70.222	70.401	70.596
65	45.575	45.705	45.835	45.965	46.111	46.257	46.387	46.533	46.631	46.728
70	30.053	30.135	30.216	30.297	30.378	30.443	30.524	30.589	30.638	30.703
75	18.639	18.672	18.721	18.753	18.785	18.802	18.834	18.867	18.899	18.915
80	9.368	9.368	9.385	9.368	9.336	9.320	9.287	9.255	9.238	9.238
85	1.900	1.916	1.916	1.916	1.916	1.932	1.932	1.932	1.932	1.932
90	0.812	0.779	0.779	0.779	0.779	0.747	0.747	0.747	0.747	0.747
95	1.900	1.916	1.916	1.916	1.916	1.932	1.932	1.932	1.932	1.932
100	9.368	9.368	9.385	9.368	9.336	9.320	9.287	9.255	9.238	9.238
105	18.639	18.672	18.721	18.753	18.785	18.802	18.834	18.867	18.899	18.915
110	30.053	30.135	30.216	30.297	30.378	30.443	30.524	30.589	30.638	30.703
115	45.575	45.705	45.835	45.965	46.111	46.257	46.387	46.533	46.631	46.728
120	68.728	68.891	69.069	69.264	69.508	69.751	69.979	70.222	70.401	70.596
125	103.864	104.156	104.448	104.789	105.195	105.601	105.991	106.397	106.689	106.981
130	151.518	151.891	152.281	152.752	153.287	153.839	154.375	154.927	155.284	155.658

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## CANDELA TABULATION - (Cont.)

135	219.808	220.441	221.074	221.594	221.967	222.341	222.714	223.087	223.152	223.217
140	417.599	416.056	414.498	411.819	408.003	404.204	400.388	396.589	391.978	387.367
145	1060.981	1057.944	1054.908	1051.076	1046.482	1041.887	1037.292	1032.697	1030.781	1028.849
150	1962.650	1961.237	1959.825	1961.108	1965.053	1969.015	1972.960	1976.922	1983.725	1990.512
155	2639.738	2638.050	2636.345	2634.965	2633.893	2632.822	2631.750	2630.678	2628.698	2626.717
160	3396.239	3395.378	3394.501	3390.832	3384.354	3377.875	3371.413	3364.935	3356.654	3348.374
165	4923.446	4922.537	4921.611	4913.996	4899.692	4885.388	4871.068	4856.763	4839.423	4822.082
170	7572.049	7564.126	7556.203	7538.083	7509.783	7481.483	7453.183	7424.883	7394.196	7363.510
175	10297.532	10289.576	10281.620	10262.510	10232.229	10201.948	10171.668	10141.387	10109.109	10076.847
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## 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	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	10044.570	10012.292	9989.090	9974.964	9960.855	9946.729	9932.604	9946.729	9960.855	9974.964
10	7332.807	7302.120	7279.584	7265.215	7250.846	7236.460	7222.091	7236.460	7250.846	7265.215
15	4804.758	4787.418	4776.117	4770.873	4765.629	4760.368	4755.124	4760.368	4765.629	4770.873
20	3340.077	3331.797	3325.773	3322.006	3318.223	3314.456	3310.689	3314.456	3318.223	3322.006
25	2624.752	2622.771	2622.057	2622.609	2623.177	2623.729	2624.281	2623.729	2623.177	2622.609
30	1997.315	2004.118	2009.865	2014.574	2019.282	2023.991	2028.700	2023.991	2019.282	2014.574
35	1026.933	1025.001	1023.897	1023.621	1023.328	1023.052	1022.760	1023.052	1023.328	1023.621
40	382.739	378.128	374.816	372.819	370.806	368.809	366.795	368.809	370.806	372.819
45	223.282	223.347	223.347	223.282	223.234	223.169	223.104	223.169	223.234	223.282
50	156.015	156.389	156.616	156.729	156.843	156.941	157.054	156.941	156.843	156.729
55	107.257	107.550	107.744	107.858	107.972	108.085	108.199	108.085	107.972	107.858
60	70.774	70.953	71.083	71.164	71.229	71.310	71.375	71.310	71.229	71.164
65	46.809	46.907	46.988	47.053	47.134	47.199	47.264	47.199	47.134	47.053
70	30.752	30.800	30.849	30.898	30.930	30.979	31.011	30.979	30.930	30.898
75	18.948	18.964	18.997	19.013	19.029	19.061	19.078	19.061	19.029	19.013
80	9.222	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206
85	1.948	1.948	1.948	1.948	1.932	1.932	1.932	1.932	1.932	1.948
90	0.714	0.714	0.714	0.682	0.682	0.649	0.649	0.649	0.682	0.682
95	1.948	1.948	1.948	1.948	1.932	1.932	1.932	1.932	1.932	1.948
100	9.222	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206
105	18.948	18.964	18.997	19.013	19.029	19.061	19.078	19.061	19.029	19.013
110	30.752	30.800	30.849	30.898	30.930	30.979	31.011	30.979	30.930	30.898
115	46.809	46.907	46.988	47.053	47.134	47.199	47.264	47.199	47.134	47.053
120	70.774	70.953	71.083	71.164	71.229	71.310	71.375	71.310	71.229	71.164
125	107.257	107.550	107.744	107.858	107.972	108.085	108.199	108.085	107.972	107.858
130	156.015	156.389	156.616	156.729	156.843	156.941	157.054	156.941	156.843	156.729
135	223.282	223.347	223.347	223.282	223.234	223.169	223.104	223.169	223.234	223.282
140	382.739	378.128	374.816	372.819	370.806	368.809	366.795	368.809	370.806	372.819
145	1026.933	1025.001	1023.897	1023.621	1023.328	1023.052	1022.760	1023.052	1023.328	1023.621
150	1997.315	2004.118	2009.865	2014.574	2019.282	2023.991	2028.700	2023.991	2019.282	2014.574
155	2624.752	2622.771	2622.057	2622.609	2623.177	2623.729	2624.281	2623.729	2623.177	2622.609
160	3340.077	3331.797	3325.773	3322.006	3318.223	3314.456	3310.689	3314.456	3318.223	3322.006
165	4804.758	4787.418	4776.117	4770.873	4765.629	4760.368	4755.124	4760.368	4765.629	4770.873
170	7332.807	7302.120	7279.584	7265.215	7250.846	7236.460	7222.091	7236.460	7250.846	7265.215
175	10044.570	10012.292	9989.090	9974.964	9960.855	9946.729	9932.604	9946.729	9960.855	9974.964
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## 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	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

5	9989.090	10012.292	10044.570	10076.831	10109.109	10141.387	10171.668	10201.948	10232.229	10262.510
10	7279.584	7302.120	7332.807	7363.510	7394.196	7424.883	7453.183	7481.483	7509.783	7538.083
15	4776.117	4787.418	4804.758	4822.082	4839.423	4856.763	4871.068	4885.388	4899.692	4913.996
20	3325.773	3331.797	3340.077	3348.374	3356.654	3364.935	3371.413	3377.875	3384.354	3390.832
25	2622.057	2622.771	2624.752	2626.717	2628.698	2630.678	2631.750	2632.822	2633.893	2634.965
30	2009.865	2004.118	1997.315	1990.512	1983.725	1976.922	1972.960	1969.015	1965.053	1961.108
35	1023.897	1025.001	1026.933	1028.849	1030.781	1032.697	1037.292	1041.887	1046.482	1051.076
40	374.816	378.128	382.739	387.367	391.978	396.589	400.388	404.204	408.003	411.819
45	223.347	223.347	223.282	223.217	223.152	223.087	222.714	222.341	221.967	221.594
50	156.616	156.389	156.015	155.658	155.284	154.927	154.375	153.839	153.287	152.752
55	107.744	107.550	107.257	106.981	106.689	106.397	105.991	105.601	105.195	104.789
60	71.083	70.953	70.774	70.596	70.401	70.222	69.979	69.751	69.508	69.264
65	46.988	46.907	46.809	46.728	46.631	46.533	46.387	46.257	46.111	45.965
70	30.849	30.800	30.752	30.703	30.638	30.589	30.524	30.443	30.378	30.297
75	18.997	18.964	18.948	18.915	18.899	18.867	18.834	18.802	18.785	18.753
80	9.206	9.206	9.222	9.238	9.238	9.255	9.287	9.320	9.336	9.368
85	1.948	1.948	1.948	1.932	1.932	1.932	1.932	1.932	1.916	1.916
90	0.714	0.714	0.714	0.747	0.747	0.747	0.747	0.747	0.779	0.779
95	1.948	1.948	1.948	1.932	1.932	1.932	1.932	1.932	1.916	1.916
100	9.206	9.206	9.222	9.238	9.238	9.255	9.287	9.320	9.336	9.368
105	18.997	18.964	18.948	18.915	18.899	18.867	18.834	18.802	18.785	18.753
110	30.849	30.800	30.752	30.703	30.638	30.589	30.524	30.443	30.378	30.297
115	46.988	46.907	46.809	46.728	46.631	46.533	46.387	46.257	46.111	45.965
120	71.083	70.953	70.774	70.596	70.401	70.222	69.979	69.751	69.508	69.264
125	107.744	107.550	107.257	106.981	106.689	106.397	105.991	105.601	105.195	104.789
130	156.616	156.389	156.015	155.658	155.284	154.927	154.375	153.839	153.287	152.752
135	223.347	223.347	223.282	223.217	223.152	223.087	222.714	222.341	221.967	221.594
140	374.816	378.128	382.739	387.367	391.978	396.589	400.388	404.204	408.003	411.819
145	1023.897	1025.001	1026.933	1028.849	1030.781	1032.697	1037.292	1041.887	1046.482	1051.076
150	2009.865	2004.118	1997.315	1990.512	1983.725	1976.922	1972.960	1969.015	1965.053	1961.108
155	2622.057	2622.771	2624.752	2626.717	2628.698	2630.678	2631.750	2632.822	2633.893	2634.965
160	3325.773	3331.797	3340.077	3348.374	3356.654	3364.935	3371.413	3377.875	3384.354	3390.832
165	4776.117	4787.418	4804.758	4822.082	4839.423	4856.763	4871.068	4885.388	4899.692	4913.996
170	7279.584	7302.120	7332.807	7363.510	7394.196	7424.883	7453.183	7481.483	7509.783	7538.083
175	9989.090	10012.292	10044.570	10076.847	10109.109	10141.387	10171.668	10201.948	10232.229	10262.510
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## 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	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	10281.620	10289.576	10297.516	10305.471	10313.427	10305.471	10297.516	10289.576	10281.620	10262.510
10	7556.203	7564.126	7572.049	7579.973	7587.896	7579.973	7572.049	7564.126	7556.203	7538.083
15	4921.611	4922.537	4923.446	4924.371	4925.281	4924.371	4923.446	4922.537	4921.611	4913.996
20	3394.501	3395.378	3396.239	3397.115	3397.992	3397.115	3396.239	3395.378	3394.501	3390.832
25	2636.345	2638.050	2639.738	2641.443	2643.132	2641.443	2639.738	2638.050	2636.345	2634.965
30	1959.825	1961.237	1962.650	1964.063	1965.475	1964.063	1962.650	1961.237	1959.825	1961.108
35	1054.908	1057.944	1060.981	1064.033	1067.069	1064.033	1060.981	1057.944	1054.908	1051.076
40	414.498	416.056	417.599	419.158	420.716	419.158	417.599	416.056	414.498	411.819
45	221.074	220.441	219.808	219.158	218.525	219.158	219.808	220.441	221.074	221.594
50	152.281	151.891	151.518	151.128	150.738	151.128	151.518	151.891	152.281	152.752
55	104.448	104.156	103.864	103.572	103.279	103.572	103.864	104.156	104.448	104.789
60	69.069	68.891	68.728	68.550	68.388	68.550	68.728	68.891	69.069	69.264
65	45.835	45.705	45.575	45.446	45.316	45.446	45.575	45.705	45.835	45.965
70	30.216	30.135	30.053	29.972	29.891	29.972	30.053	30.135	30.216	30.297
75	18.721	18.672	18.639	18.591	18.558	18.591	18.639	18.672	18.721	18.753

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	9.385	9.368	9.368	9.352	9.336	9.352	9.368	9.368	9.385	9.368
85	1.916	1.916	1.900	1.900	1.900	1.900	1.900	1.916	1.916	1.916
90	0.779	0.779	0.812	0.812	0.812	0.812	0.812	0.779	0.779	0.779
95	1.916	1.916	1.900	1.900	1.900	1.900	1.900	1.916	1.916	1.916
100	9.385	9.368	9.368	9.352	9.336	9.352	9.368	9.368	9.385	9.368
105	18.721	18.672	18.639	18.591	18.558	18.591	18.639	18.672	18.721	18.753
110	30.216	30.135	30.053	29.972	29.891	29.972	30.053	30.135	30.216	30.297
115	45.835	45.705	45.575	45.446	45.316	45.446	45.575	45.705	45.835	45.965
120	69.069	68.891	68.728	68.550	68.388	68.550	68.728	68.891	69.069	69.264
125	104.448	104.156	103.864	103.572	103.279	103.572	103.864	104.156	104.448	104.789
130	152.281	151.891	151.518	151.128	150.738	151.128	151.518	151.891	152.281	152.752
135	221.074	220.441	219.808	219.158	218.525	219.158	219.808	220.441	221.074	221.594
140	414.498	416.056	417.599	419.158	420.716	419.158	417.599	416.056	414.498	411.819
145	1054.908	1057.944	1060.981	1064.033	1067.069	1064.033	1060.981	1057.944	1054.908	1051.076
150	1959.825	1961.237	1962.650	1964.063	1965.475	1964.063	1962.650	1961.237	1959.825	1961.108
155	2636.345	2638.050	2639.738	2641.443	2643.132	2641.443	2639.738	2638.050	2636.345	2634.965
160	3394.501	3395.378	3396.239	3397.115	3397.992	3397.115	3396.239	3395.378	3394.501	3390.832
165	4921.611	4922.537	4923.446	4924.371	4925.281	4924.371	4923.446	4922.537	4921.611	4913.996
170	7556.203	7564.126	7572.049	7579.973	7587.896	7579.973	7572.049	7564.126	7556.203	7538.083
175	10281.620	10289.576	10297.532	10305.471	10313.427	10305.471	10297.532	10289.576	10281.620	10262.510
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## 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	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451	11051.451
5	10232.229	10201.948	10171.668	10141.387	10109.109	10076.831	10044.570	10012.292	9989.090	9974.964
10	7509.783	7481.483	7453.183	7424.883	7394.196	7363.510	7332.807	7302.120	7279.584	7265.215
15	4899.692	4885.388	4871.068	4856.763	4839.423	4822.082	4804.758	4787.418	4776.117	4770.873
20	3384.354	3377.875	3371.413	3364.935	3356.654	3348.374	3340.077	3331.797	3325.773	3322.006
25	2633.893	2632.822	2631.750	2630.678	2628.698	2626.717	2624.752	2622.771	2622.057	2622.609
30	1965.053	1969.015	1972.960	1976.922	1983.725	1990.512	1997.315	2004.118	2009.865	2014.574
35	1046.482	1041.887	1037.292	1032.697	1030.781	1028.849	1026.933	1025.001	1023.897	1023.621
40	408.003	404.204	400.388	396.589	391.978	387.367	382.739	378.128	374.816	372.819
45	221.967	222.341	222.714	223.087	223.152	223.217	223.282	223.347	223.347	223.282
50	153.287	153.839	154.375	154.927	155.284	155.658	156.015	156.389	156.616	156.729
55	105.195	105.601	105.991	106.397	106.689	106.981	107.257	107.550	107.744	107.858
60	69.508	69.751	69.979	70.222	70.401	70.596	70.774	70.953	71.083	71.164
65	46.111	46.257	46.387	46.533	46.631	46.728	46.809	46.907	46.988	47.053
70	30.378	30.443	30.524	30.589	30.638	30.703	30.752	30.800	30.849	30.898
75	18.785	18.802	18.834	18.867	18.899	18.915	18.948	18.964	18.997	19.013
80	9.336	9.320	9.287	9.255	9.238	9.238	9.222	9.206	9.206	9.206
85	1.916	1.932	1.932	1.932	1.932	1.932	1.948	1.948	1.948	1.948
90	0.779	0.747	0.747	0.747	0.747	0.747	0.714	0.714	0.714	0.682
95	1.916	1.932	1.932	1.932	1.932	1.932	1.948	1.948	1.948	1.948
100	9.336	9.320	9.287	9.255	9.238	9.238	9.222	9.206	9.206	9.206
105	18.785	18.802	18.834	18.867	18.899	18.915	18.948	18.964	18.997	19.013
110	30.378	30.443	30.524	30.589	30.638	30.703	30.752	30.800	30.849	30.898
115	46.111	46.257	46.387	46.533	46.631	46.728	46.809	46.907	46.988	47.053
120	69.508	69.751	69.979	70.222	70.401	70.596	70.774	70.953	71.083	71.164
125	105.195	105.601	105.991	106.397	106.689	106.981	107.257	107.550	107.744	107.858
130	153.287	153.839	154.375	154.927	155.284	155.658	156.015	156.389	156.616	156.729
135	221.967	222.341	222.714	223.087	223.152	223.217	223.282	223.347	223.347	223.282
140	408.003	404.204	400.388	396.589	391.978	387.367	382.739	378.128	374.816	372.819
145	1046.482	1041.887	1037.292	1032.697	1030.781	1028.849	1026.933	1025.001	1023.897	1023.621
150	1965.053	1969.015	1972.960	1976.922	1983.725	1990.512	1997.315	2004.118	2009.865	2014.574

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

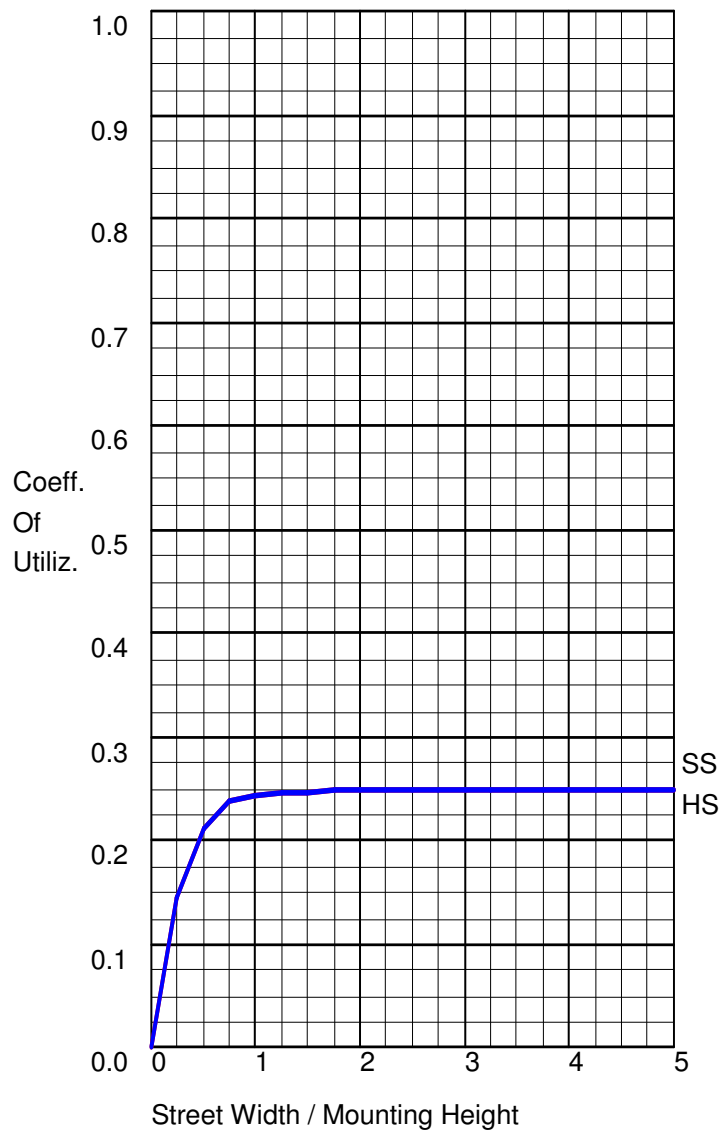
155	2633.893	2632.822	2631.750	2630.678	2628.698	2626.717	2624.752	2622.771	2622.057	2622.609
160	3384.354	3377.875	3371.413	3364.935	3356.654	3348.374	3340.077	3331.797	3325.773	3322.006
165	4899.692	4885.388	4871.068	4856.763	4839.423	4822.082	4804.758	4787.418	4776.117	4770.873
170	7509.783	7481.483	7453.183	7424.883	7394.196	7363.510	7332.807	7302.120	7279.584	7265.215
175	10232.229	10201.948	10171.668	10141.387	10109.109	10076.847	10044.570	10012.292	9989.090	9974.964
180	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460	11050.460

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	11051.451	11051.451	11051.451
5	9960.855	9946.729	9932.604
10	7250.846	7236.460	7222.091
15	4765.629	4760.368	4755.124
20	3318.223	3314.456	3310.689
25	2623.177	2623.729	2624.281
30	2019.282	2023.991	2028.700
35	1023.328	1023.052	1022.760
40	370.806	368.809	366.795
45	223.234	223.169	223.104
50	156.843	156.941	157.054
55	107.972	108.085	108.199
60	71.229	71.310	71.375
65	47.134	47.199	47.264
70	30.930	30.979	31.011
75	19.029	19.061	19.078
80	9.206	9.206	9.206
85	1.932	1.932	1.932
90	0.682	0.649	0.649
95	1.932	1.932	1.932
100	9.206	9.206	9.206
105	19.029	19.061	19.078
110	30.930	30.979	31.011
115	47.134	47.199	47.264
120	71.229	71.310	71.375
125	107.972	108.085	108.199
130	156.843	156.941	157.054
135	223.234	223.169	223.104
140	370.806	368.809	366.795
145	1023.328	1023.052	1022.760
150	2019.282	2023.991	2028.700
155	2623.177	2623.729	2624.281
160	3318.223	3314.456	3310.689
165	4765.629	4760.368	4755.124
170	7250.846	7236.460	7222.091
175	9960.855	9946.729	9932.604
180	11050.460	11050.460	11050.460



COEFFICIENTS OF UTILIZATION



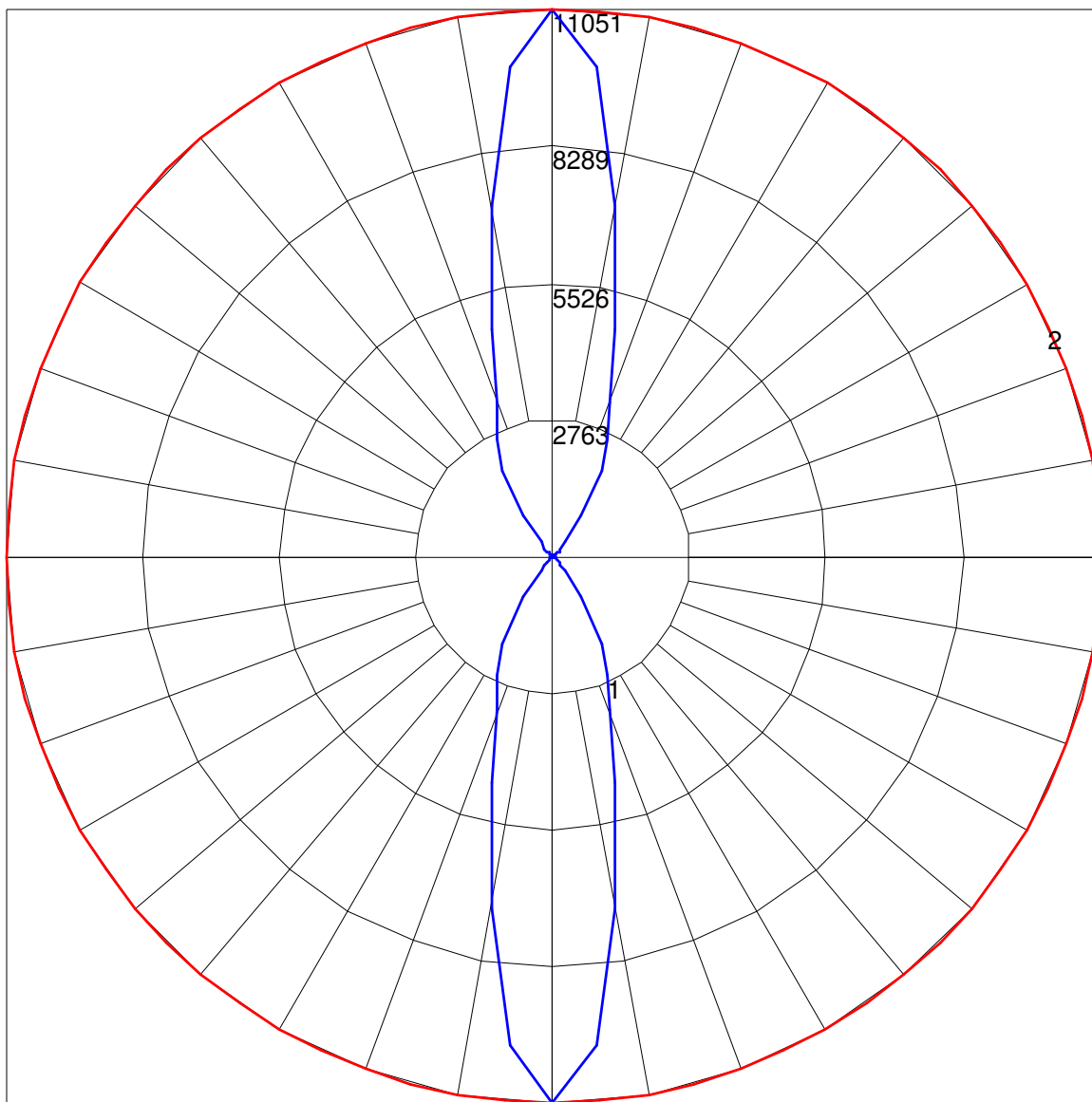
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2271.0	25.0
Downward House Side	2271.0	25.0
Downward Total	4542.0	50.0
Upward Street Side	2271.0	25.0
Upward House Side	2271.0	25.0
Upward Total	4542.0	50.0
Total Flux	9084.0	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

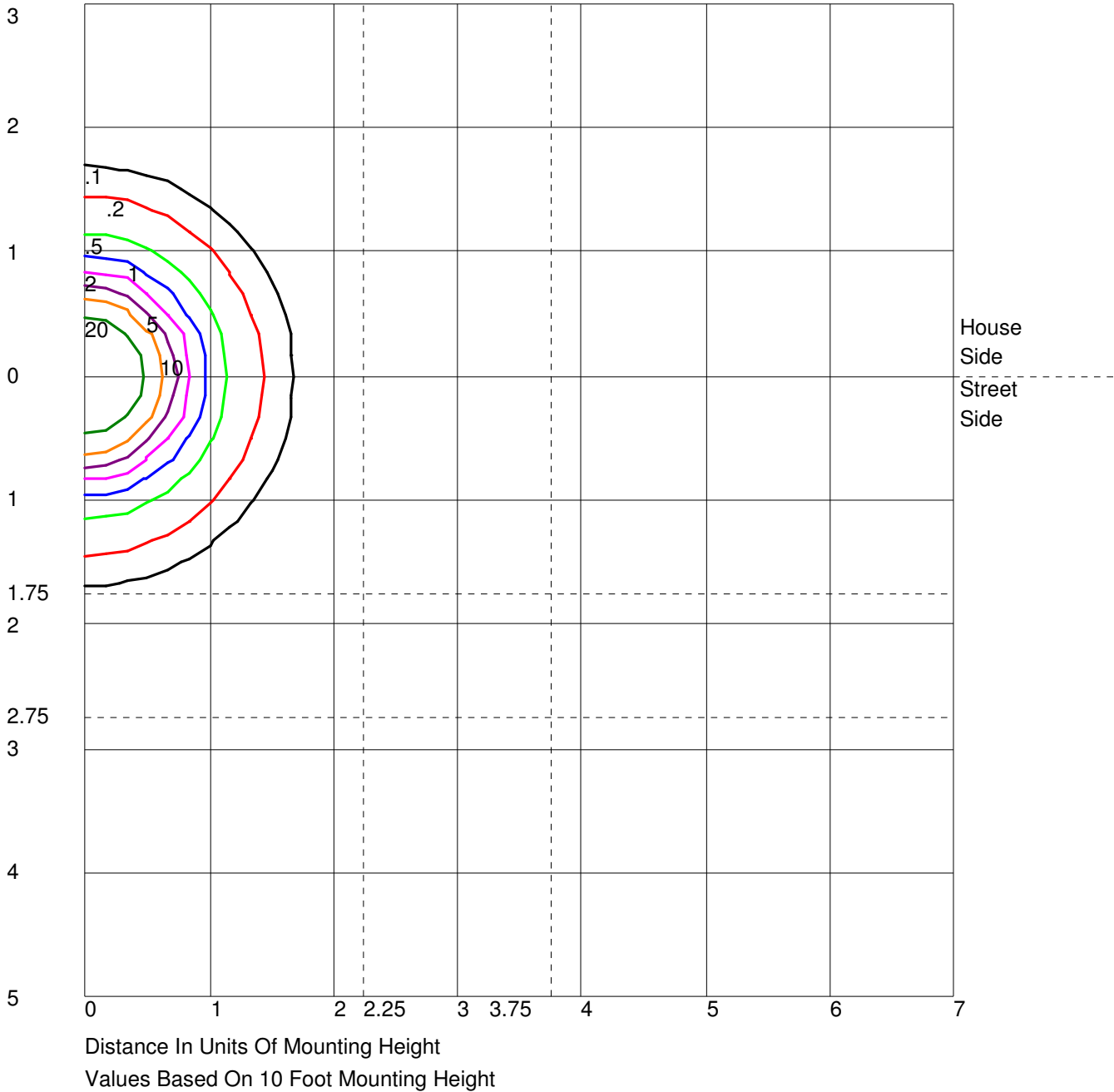


Maximum Candela = 11051.451 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

