

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L30-850U-L30-850D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[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	6037
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27905.528
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	27905.528
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.397 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.759 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1339.1	N.A.	22.2
FM - Front-Medium (30-60)	155.4	N.A.	2.6
FH - Front-High (60-80)	13.8	N.A.	0.2
FVH - Front-Very High (80-90)	1.0	N.A.	0.0
BL - Back-Low (0-30)	1339.1	N.A.	22.2
BM - Back-Medium (30-60)	155.4	N.A.	2.6
BH - Back-High (60-80)	13.8	N.A.	0.2
BVH - Back-Very High (80-90)	1.0	N.A.	0.0
UL - Uplight-Low (90-100)	1.9	N.A.	0.0
UH - Uplight-High (100-180)	3016.4	N.A.	50.0
Total	6036.9	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	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528
5	18890.130	18897.481	18904.832	18912.174	18919.525	18931.057	18946.780	18962.493	18978.216	18993.929
10	5661.000	5672.325	5683.649	5694.974	5706.298	5740.994	5799.071	5857.147	5915.214	5973.291
15	1864.712	1867.241	1869.760	1872.289	1874.809	1886.449	1907.211	1927.963	1948.725	1969.477
20	1218.494	1217.907	1217.320	1216.733	1216.146	1217.880	1221.953	1226.016	1230.089	1234.153
25	1088.181	1087.386	1086.582	1085.788	1084.984	1084.677	1084.858	1085.047	1085.228	1085.408
30	865.231	864.039	862.847	861.646	860.454	858.467	855.695	852.922	850.150	847.377
35	349.208	350.003	350.797	351.583	352.378	352.721	352.604	352.486	352.369	352.251
40	63.134	63.811	64.488	65.166	65.843	66.674	67.676	68.678	69.681	70.683
45	36.240	36.258	36.276	36.303	36.321	36.340	36.349	36.367	36.376	36.394
50	33.558	33.504	33.450	33.405	33.350	33.278	33.188	33.098	33.007	32.917
55	32.411	32.294	32.176	32.059	31.942	31.788	31.616	31.436	31.264	31.084
60	26.270	26.216	26.162	26.099	26.045	25.936	25.774	25.602	25.439	25.277
65	18.368	18.323	18.278	18.233	18.188	18.161	18.152	18.143	18.134	18.125
70	12.625	12.625	12.616	12.616	12.607	12.607	12.616	12.616	12.625	12.625
75	8.651	8.642	8.624	8.615	8.606	8.597	8.597	8.588	8.588	8.588
80	4.723	4.723	4.723	4.714	4.714	4.714	4.714	4.723	4.723	4.723
85	0.993	0.993	0.993	0.975	0.975	0.975	0.975	0.966	0.966	0.966
90	0.361	0.361	0.361	0.379	0.379	0.379	0.379	0.397	0.397	0.397
95	0.993	0.993	0.993	0.975	0.975	0.975	0.975	0.966	0.966	0.966
100	4.723	4.723	4.723	4.714	4.714	4.714	4.714	4.723	4.723	4.723
105	8.651	8.642	8.624	8.615	8.606	8.597	8.597	8.588	8.588	8.588
110	12.625	12.625	12.616	12.616	12.607	12.607	12.616	12.616	12.625	12.625
115	18.368	18.323	18.278	18.233	18.188	18.161	18.152	18.143	18.134	18.125
120	26.270	26.216	26.162	26.099	26.045	25.936	25.774	25.602	25.439	25.277
125	32.411	32.294	32.176	32.059	31.942	31.788	31.616	31.436	31.264	31.084
130	33.558	33.504	33.450	33.405	33.350	33.278	33.188	33.098	33.007	32.917
135	36.240	36.258	36.276	36.303	36.321	36.340	36.349	36.367	36.376	36.394
140	63.134	63.811	64.488	65.166	65.843	66.674	67.676	68.678	69.681	70.683
145	349.208	350.003	350.797	351.583	352.378	352.721	352.604	352.486	352.369	352.251
150	865.231	864.039	862.847	861.646	860.454	858.467	855.695	852.922	850.150	847.377
155	1088.181	1087.386	1086.582	1085.788	1084.984	1084.677	1084.858	1085.047	1085.228	1085.408
160	1218.494	1217.907	1217.320	1216.733	1216.146	1217.880	1221.953	1226.016	1230.089	1234.153
165	1864.712	1867.241	1869.760	1872.289	1874.809	1886.449	1907.211	1927.963	1948.725	1969.477
170	5661.000	5672.325	5683.649	5694.974	5706.298	5740.994	5799.071	5857.147	5915.214	5973.291
175	18890.148	18897.499	18904.850	18912.192	18919.543	18931.075	18946.798	18962.511	18978.234	18993.947
180	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528
5	19041.467	19089.013	19136.551	19184.097	19209.374	19212.382	19215.389	19218.396	19221.403	19218.396
10	6019.103	6064.916	6110.729	6156.542	6190.867	6213.688	6236.508	6259.329	6282.150	6259.329
15	1978.093	1986.708	1995.323	2003.939	2016.247	2032.241	2048.234	2064.237	2080.230	2064.237
20	1238.099	1242.055	1246.001	1249.948	1253.325	1256.125	1258.915	1261.715	1264.514	1261.715
25	1086.266	1087.124	1087.982	1088.840	1090.375	1092.579	1094.782	1096.986	1099.189	1096.986
30	848.154	848.922	849.698	850.466	851.748	853.545	855.342	857.139	858.937	857.139
35	355.060	357.859	360.668	363.476	364.994	365.237	365.481	365.716	365.960	365.716
40	72.047	73.411	74.774	76.138	76.779	76.698	76.625	76.544	76.472	76.544
45	36.376	36.367	36.349	36.340	36.349	36.385	36.430	36.466	36.502	36.466
50	32.872	32.827	32.781	32.736	32.709	32.682	32.655	32.637	32.610	32.637
55	30.993	30.894	30.804	30.704	30.650	30.623	30.605	30.578	30.560	30.578

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CANDELA TABULATION - (Cont.)

60	25.232	25.187	25.141	25.096	25.114	25.196	25.277	25.358	25.439	25.358
65	18.107	18.088	18.070	18.052	18.061	18.088	18.116	18.152	18.179	18.152
70	12.616	12.607	12.598	12.589	12.589	12.598	12.607	12.616	12.625	12.616
75	8.570	8.561	8.543	8.534	8.525	8.534	8.543	8.543	8.552	8.543
80	4.723	4.732	4.723	4.732	4.732	4.741	4.750	4.750	4.759	4.750
85	0.966	0.966	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
90	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
95	0.966	0.966	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
100	4.723	4.732	4.723	4.732	4.732	4.741	4.750	4.750	4.759	4.750
105	8.570	8.561	8.543	8.534	8.525	8.534	8.543	8.543	8.552	8.543
110	12.616	12.607	12.598	12.589	12.589	12.598	12.607	12.616	12.625	12.616
115	18.107	18.088	18.070	18.052	18.061	18.088	18.116	18.152	18.179	18.152
120	25.232	25.187	25.141	25.096	25.114	25.196	25.277	25.358	25.439	25.358
125	30.993	30.894	30.804	30.704	30.650	30.623	30.605	30.578	30.560	30.578
130	32.872	32.827	32.781	32.736	32.709	32.682	32.655	32.637	32.610	32.637
135	36.376	36.367	36.349	36.340	36.349	36.385	36.430	36.466	36.502	36.466
140	72.047	73.411	74.774	76.138	76.779	76.698	76.625	76.544	76.472	76.544
145	355.060	357.859	360.668	363.476	364.994	365.237	365.481	365.716	365.960	365.716
150	848.154	848.922	849.698	850.466	851.748	853.545	855.342	857.139	858.937	857.139
155	1086.266	1087.124	1087.982	1088.840	1090.375	1092.579	1094.782	1096.986	1099.189	1096.986
160	1238.099	1242.055	1246.001	1249.948	1253.325	1256.125	1258.915	1261.715	1264.514	1261.715
165	1978.093	1986.708	1995.323	2003.939	2016.247	2032.241	2048.234	2064.237	2080.230	2064.237
170	6019.103	6064.916	6110.729	6156.542	6190.867	6213.688	6236.508	6259.329	6282.150	6259.329
175	19041.48519089.03119136.56919184.11619209.38319212.40019215.40719218.41419221.42119218.414									
180	27904.85127904.85127904.85127904.85127904.85127904.85127904.85127904.85127904.851									

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	27905.52827905.52827905.52827905.52827905.52827905.52827905.52827905.52827905.52827905.528									
5	19215.38919212.38219209.37419184.09719136.55119089.01319041.46718993.92918978.21618962.493									
10	6236.508 6213.688 6190.867 6156.542 6110.729 6064.916 6019.103 5973.291 5915.214 5857.147									
15	2048.234 2032.241 2016.247 2003.939 1995.323 1986.708 1978.093 1969.477 1948.725 1927.963									
20	1258.915 1256.125 1253.325 1249.948 1246.001 1242.055 1238.099 1234.153 1230.089 1226.016									
25	1094.782 1092.579 1090.375 1088.840 1087.982 1087.124 1086.266 1085.408 1085.228 1085.047									
30	855.342 853.545 851.748 850.466 849.698 848.922 848.154 847.377 850.150 852.922									
35	365.481 365.237 364.994 363.476 360.668 357.859 355.060 352.251 352.369 352.486									
40	76.625 76.698 76.779 76.138 74.774 73.411 72.047 70.683 69.681 68.678									
45	36.430 36.385 36.349 36.340 36.349 36.367 36.376 36.394 36.376 36.367									
50	32.655 32.682 32.709 32.736 32.781 32.827 32.872 32.917 33.007 33.098									
55	30.605 30.623 30.650 30.704 30.804 30.894 30.993 31.084 31.264 31.436									
60	25.277 25.196 25.114 25.096 25.141 25.187 25.232 25.277 25.439 25.602									
65	18.116 18.088 18.061 18.052 18.070 18.088 18.107 18.125 18.134 18.143									
70	12.607 12.598 12.589 12.589 12.598 12.607 12.616 12.625 12.625 12.616									
75	8.543 8.534 8.525 8.534 8.543 8.561 8.570 8.588 8.588 8.588									
80	4.750 4.741 4.732 4.732 4.723 4.732 4.723 4.723 4.723 4.723									
85	0.957 0.957 0.957 0.957 0.957 0.966 0.966 0.966 0.966 0.966									
90	0.397 0.397 0.397 0.397 0.397 0.397 0.397 0.397 0.397 0.397									
95	0.957 0.957 0.957 0.957 0.957 0.966 0.966 0.966 0.966 0.966									
100	4.750 4.741 4.732 4.732 4.723 4.732 4.723 4.723 4.723 4.723									
105	8.543 8.534 8.525 8.534 8.543 8.561 8.570 8.588 8.588 8.588									
110	12.607 12.598 12.589 12.589 12.598 12.607 12.616 12.625 12.625 12.616									
115	18.116 18.088 18.061 18.052 18.070 18.088 18.107 18.125 18.134 18.143									
120	25.277 25.196 25.114 25.096 25.141 25.187 25.232 25.277 25.439 25.602									
125	30.605 30.623 30.650 30.704 30.804 30.894 30.993 31.084 31.264 31.436									
130	32.655 32.682 32.709 32.736 32.781 32.827 32.872 32.917 33.007 33.098									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

135	36.430	36.385	36.349	36.340	36.349	36.367	36.376	36.394	36.376	36.367
140	76.625	76.698	76.779	76.138	74.774	73.411	72.047	70.683	69.681	68.678
145	365.481	365.237	364.994	363.476	360.668	357.859	355.060	352.251	352.369	352.486
150	855.342	853.545	851.748	850.466	849.698	848.922	848.154	847.377	850.150	852.922
155	1094.782	1092.579	1090.375	1088.840	1087.982	1087.124	1086.266	1085.408	1085.228	1085.047
160	1258.915	1256.125	1253.325	1249.948	1246.001	1242.055	1238.099	1234.153	1230.089	1226.016
165	2048.234	2032.241	2016.247	2003.939	1995.323	1986.708	1978.093	1969.477	1948.725	1927.963
170	6236.508	6213.688	6190.867	6156.542	6110.729	6064.916	6019.103	5973.291	5915.214	5857.147
175	19215.407	19212.391	19209.383	19184.116	19136.569	19089.031	19041.485	18993.947	18978.225	18962.511
180	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851

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	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528
5	18946.780	18931.057	18919.525	18912.174	18904.832	18897.481	18890.130	18897.481	18904.832	18912.174
10	5799.071	5740.994	5706.298	5694.974	5683.649	5672.325	5661.000	5672.325	5683.649	5694.974
15	1907.211	1886.449	1874.809	1872.289	1869.760	1867.241	1864.712	1867.241	1869.760	1872.289
20	1221.953	1217.880	1216.146	1216.733	1217.320	1217.907	1218.494	1217.907	1217.320	1216.733
25	1084.858	1084.677	1084.984	1085.788	1086.582	1087.386	1088.181	1087.386	1086.582	1085.788
30	855.695	858.467	860.454	861.646	862.847	864.039	865.231	864.039	862.847	861.646
35	352.604	352.721	352.378	351.583	350.797	350.003	349.208	350.003	350.797	351.583
40	67.676	66.674	65.843	65.166	64.488	63.811	63.134	63.811	64.488	65.166
45	36.349	36.340	36.321	36.303	36.276	36.258	36.240	36.258	36.276	36.303
50	33.188	33.278	33.350	33.405	33.450	33.504	33.558	33.504	33.450	33.405
55	31.616	31.788	31.942	32.059	32.176	32.294	32.411	32.294	32.176	32.059
60	25.774	25.936	26.045	26.099	26.162	26.216	26.270	26.216	26.162	26.099
65	18.152	18.161	18.188	18.233	18.278	18.323	18.368	18.323	18.278	18.233
70	12.616	12.607	12.607	12.616	12.616	12.625	12.625	12.625	12.616	12.616
75	8.597	8.597	8.606	8.615	8.624	8.642	8.651	8.642	8.624	8.615
80	4.714	4.714	4.714	4.714	4.723	4.723	4.723	4.723	4.723	4.714
85	0.975	0.975	0.975	0.975	0.993	0.993	0.993	0.993	0.993	0.975
90	0.379	0.379	0.379	0.379	0.361	0.361	0.361	0.361	0.361	0.379
95	0.975	0.975	0.975	0.975	0.993	0.993	0.993	0.993	0.993	0.975
100	4.714	4.714	4.714	4.714	4.723	4.723	4.723	4.723	4.723	4.714
105	8.597	8.597	8.606	8.615	8.624	8.642	8.651	8.642	8.624	8.615
110	12.616	12.607	12.607	12.616	12.616	12.625	12.625	12.625	12.616	12.616
115	18.152	18.161	18.188	18.233	18.278	18.323	18.368	18.323	18.278	18.233
120	25.774	25.936	26.045	26.099	26.162	26.216	26.270	26.216	26.162	26.099
125	31.616	31.788	31.942	32.059	32.176	32.294	32.411	32.294	32.176	32.059
130	33.188	33.278	33.350	33.405	33.450	33.504	33.558	33.504	33.450	33.405
135	36.349	36.340	36.321	36.303	36.276	36.258	36.240	36.258	36.276	36.303
140	67.676	66.674	65.843	65.166	64.488	63.811	63.134	63.811	64.488	65.166
145	352.604	352.721	352.378	351.583	350.797	350.003	349.208	350.003	350.797	351.583
150	855.695	858.467	860.454	861.646	862.847	864.039	865.231	864.039	862.847	861.646
155	1084.858	1084.677	1084.984	1085.788	1086.582	1087.386	1088.181	1087.386	1086.582	1085.788
160	1221.953	1217.880	1216.146	1216.733	1217.320	1217.907	1218.494	1217.907	1217.320	1216.733
165	1907.211	1886.449	1874.809	1872.289	1869.760	1867.241	1864.712	1867.241	1869.760	1872.289
170	5799.071	5740.994	5706.298	5694.974	5683.649	5672.325	5661.000	5672.325	5683.649	5694.974
175	18946.798	18931.075	18919.543	18912.192	18904.841	18897.499	18890.148	18897.499	18904.841	18912.192
180	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851

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	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	18919.52518931.05718946.78018962.49318978.21618993.92919041.46719089.01319136.55119184.097
10	5706.298 5740.994 5799.071 5857.147 5915.214 5973.291 6019.103 6064.916 6110.729 6156.542
15	1874.809 1886.449 1907.211 1927.963 1948.725 1969.477 1978.093 1986.708 1995.323 2003.939
20	1216.146 1217.880 1221.953 1226.016 1230.089 1234.153 1238.099 1242.055 1246.001 1249.948
25	1084.984 1084.677 1084.858 1085.047 1085.228 1085.408 1086.266 1087.124 1087.982 1088.840
30	860.454 858.467 855.695 852.922 850.150 847.377 848.154 848.922 849.698 850.466
35	352.378 352.721 352.604 352.486 352.369 352.251 355.060 357.859 360.668 363.476
40	65.843 66.674 67.676 68.678 69.681 70.683 72.047 73.411 74.774 76.138
45	36.321 36.340 36.349 36.367 36.376 36.394 36.376 36.367 36.349 36.340
50	33.350 33.278 33.188 33.098 33.007 32.917 32.872 32.827 32.781 32.736
55	31.942 31.788 31.616 31.436 31.264 31.084 30.993 30.894 30.804 30.704
60	26.045 25.936 25.774 25.602 25.439 25.277 25.232 25.187 25.141 25.096
65	18.188 18.161 18.152 18.143 18.134 18.125 18.107 18.088 18.070 18.052
70	12.607 12.607 12.616 12.616 12.625 12.625 12.616 12.607 12.598 12.589
75	8.606 8.597 8.597 8.588 8.588 8.588 8.570 8.561 8.543 8.534
80	4.714 4.714 4.714 4.723 4.723 4.723 4.723 4.732 4.723 4.732
85	0.975 0.975 0.975 0.966 0.966 0.966 0.966 0.966 0.957 0.957
90	0.379 0.379 0.379 0.397 0.397 0.397 0.397 0.397 0.397 0.397
95	0.975 0.975 0.975 0.966 0.966 0.966 0.966 0.966 0.957 0.957
100	4.714 4.714 4.714 4.723 4.723 4.723 4.723 4.732 4.723 4.732
105	8.606 8.597 8.597 8.588 8.588 8.588 8.570 8.561 8.543 8.534
110	12.607 12.607 12.616 12.616 12.625 12.625 12.616 12.607 12.598 12.589
115	18.188 18.161 18.152 18.143 18.134 18.125 18.107 18.088 18.070 18.052
120	26.045 25.936 25.774 25.602 25.439 25.277 25.232 25.187 25.141 25.096
125	31.942 31.788 31.616 31.436 31.264 31.084 30.993 30.894 30.804 30.704
130	33.350 33.278 33.188 33.098 33.007 32.917 32.872 32.827 32.781 32.736
135	36.321 36.340 36.349 36.367 36.376 36.394 36.376 36.367 36.349 36.340
140	65.843 66.674 67.676 68.678 69.681 70.683 72.047 73.411 74.774 76.138
145	352.378 352.721 352.604 352.486 352.369 352.251 355.060 357.859 360.668 363.476
150	860.454 858.467 855.695 852.922 850.150 847.377 848.154 848.922 849.698 850.466
155	1084.984 1084.677 1084.858 1085.047 1085.228 1085.408 1086.266 1087.124 1087.982 1088.840
160	1216.146 1217.880 1221.953 1226.016 1230.089 1234.153 1238.099 1242.055 1246.001 1249.948
165	1874.809 1886.449 1907.211 1927.963 1948.725 1969.477 1978.093 1986.708 1995.323 2003.939
170	5706.298 5740.994 5799.071 5857.147 5915.214 5973.291 6019.103 6064.916 6110.729 6156.542
175	18919.54318931.07518946.79818962.5118978.22518993.94719041.48519089.03119136.56919184.116
180	27904.85127904.85127904.85127904.85127904.85127904.85127904.85127904.851

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	27905.52827905.52827905.52827905.52827905.52827905.52827905.52827905.52827905.528									
5	19209.37419212.38219215.38919218.39619221.40319218.39619215.38919212.38219209.37419184.097									
10	6190.867 6213.688 6236.508 6259.329 6282.150 6259.329 6236.508 6213.688 6190.867 6156.542									
15	2016.247 2032.241 2048.234 2064.237 2080.230 2064.237 2048.234 2032.241 2016.247 2003.939									
20	1253.325 1256.125 1258.915 1261.715 1264.514 1261.715 1258.915 1256.125 1253.325 1249.948									
25	1090.375 1092.579 1094.782 1096.986 1099.189 1096.986 1094.782 1092.579 1090.375 1088.840									
30	851.748 853.545 855.342 857.139 858.937 857.139 855.342 853.545 851.748 850.466									
35	364.994 365.237 365.481 365.716 365.960 365.716 365.481 365.237 364.994 363.476									
40	76.779 76.698 76.625 76.544 76.472 76.544 76.625 76.698 76.779 76.138									
45	36.349 36.385 36.430 36.466 36.502 36.466 36.430 36.385 36.349 36.340									
50	32.709 32.682 32.655 32.637 32.610 32.637 32.655 32.682 32.709 32.736									
55	30.650 30.623 30.605 30.578 30.560 30.578 30.605 30.623 30.650 30.704									
60	25.114 25.196 25.277 25.358 25.439 25.358 25.277 25.196 25.114 25.096									
65	18.061 18.088 18.116 18.152 18.179 18.152 18.116 18.088 18.061 18.052									
70	12.589 12.598 12.607 12.616 12.625 12.616 12.607 12.598 12.589 12.589									
75	8.525 8.534 8.543 8.543 8.552 8.543 8.543 8.534 8.525 8.534									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	4.732	4.741	4.750	4.750	4.759	4.750	4.750	4.741	4.732	4.732
85	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
90	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
95	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
100	4.732	4.741	4.750	4.750	4.759	4.750	4.750	4.741	4.732	4.732
105	8.525	8.534	8.543	8.543	8.552	8.543	8.543	8.534	8.525	8.534
110	12.589	12.598	12.607	12.616	12.625	12.616	12.607	12.598	12.589	12.589
115	18.061	18.088	18.116	18.152	18.179	18.152	18.116	18.088	18.061	18.052
120	25.114	25.196	25.277	25.358	25.439	25.358	25.277	25.196	25.114	25.096
125	30.650	30.623	30.605	30.578	30.560	30.578	30.605	30.623	30.650	30.704
130	32.709	32.682	32.655	32.637	32.610	32.637	32.655	32.682	32.709	32.736
135	36.349	36.385	36.430	36.466	36.502	36.466	36.430	36.385	36.349	36.340
140	76.779	76.698	76.625	76.544	76.472	76.544	76.625	76.698	76.779	76.138
145	364.994	365.237	365.481	365.716	365.960	365.716	365.481	365.237	364.994	363.476
150	851.748	853.545	855.342	857.139	858.937	857.139	855.342	853.545	851.748	850.466
155	1090.375	1092.579	1094.782	1096.986	1099.189	1096.986	1094.782	1092.579	1090.375	1088.840
160	1253.325	1256.125	1258.915	1261.715	1264.514	1261.715	1258.915	1256.125	1253.325	1249.948
165	2016.247	2032.241	2048.234	2064.237	2080.230	2064.237	2048.234	2032.241	2016.247	2003.939
170	6190.867	6213.688	6236.508	6259.329	6282.150	6259.329	6236.508	6213.688	6190.867	6156.542
175	19209.383	19212.391	19215.407	19218.414	19221.421	19218.414	19215.407	19212.391	19209.383	19184.116
180	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851

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	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528	27905.528
5	19136.551	19089.013	19041.467	18993.929	18978.216	18962.493	18946.780	18931.057	18919.525	18912.174
10	6110.729	6064.916	6019.103	5973.291	5915.214	5857.147	5799.071	5740.994	5706.298	5694.974
15	1995.323	1986.708	1978.093	1969.477	1948.725	1927.963	1907.211	1886.449	1874.809	1872.289
20	1246.001	1242.055	1238.099	1234.153	1230.089	1226.016	1221.953	1217.880	1216.146	1216.733
25	1087.982	1087.124	1086.266	1085.408	1085.228	1085.047	1084.858	1084.677	1084.984	1085.788
30	849.698	848.922	848.154	847.377	850.150	852.922	855.695	858.467	860.454	861.646
35	360.668	357.859	355.060	352.251	352.369	352.486	352.604	352.721	352.378	351.583
40	74.774	73.411	72.047	70.683	69.681	68.678	67.676	66.674	65.843	65.166
45	36.349	36.367	36.376	36.394	36.376	36.367	36.349	36.340	36.321	36.303
50	32.781	32.827	32.872	32.917	33.007	33.098	33.188	33.278	33.350	33.405
55	30.804	30.894	30.993	31.084	31.264	31.436	31.616	31.788	31.942	32.059
60	25.141	25.187	25.232	25.277	25.439	25.602	25.774	25.936	26.045	26.099
65	18.070	18.088	18.107	18.125	18.134	18.143	18.152	18.161	18.188	18.233
70	12.598	12.607	12.616	12.625	12.625	12.616	12.616	12.607	12.607	12.616
75	8.543	8.561	8.570	8.588	8.588	8.588	8.597	8.597	8.606	8.615
80	4.723	4.732	4.723	4.723	4.723	4.723	4.714	4.714	4.714	4.714
85	0.957	0.966	0.966	0.966	0.966	0.966	0.975	0.975	0.975	0.975
90	0.397	0.397	0.397	0.397	0.397	0.397	0.379	0.379	0.379	0.379
95	0.957	0.966	0.966	0.966	0.966	0.966	0.975	0.975	0.975	0.975
100	4.723	4.732	4.723	4.723	4.723	4.723	4.714	4.714	4.714	4.714
105	8.543	8.561	8.570	8.588	8.588	8.588	8.597	8.597	8.606	8.615
110	12.598	12.607	12.616	12.625	12.625	12.616	12.616	12.607	12.607	12.616
115	18.070	18.088	18.107	18.125	18.134	18.143	18.152	18.161	18.188	18.233
120	25.141	25.187	25.232	25.277	25.439	25.602	25.774	25.936	26.045	26.099
125	30.804	30.894	30.993	31.084	31.264	31.436	31.616	31.788	31.942	32.059
130	32.781	32.827	32.872	32.917	33.007	33.098	33.188	33.278	33.350	33.405
135	36.349	36.367	36.376	36.394	36.376	36.367	36.349	36.340	36.321	36.303
140	74.774	73.411	72.047	70.683	69.681	68.678	67.676	66.674	65.843	65.166
145	360.668	357.859	355.060	352.251	352.369	352.486	352.604	352.721	352.378	351.583
150	849.698	848.922	848.154	847.377	850.150	852.922	855.695	858.467	860.454	861.646

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

155	1087.982	1087.124	1086.266	1085.408	1085.228	1085.047	1084.858	1084.677	1084.984	1085.788
160	1246.001	1242.055	1238.099	1234.153	1230.089	1226.016	1221.953	1217.880	1216.146	1216.733
165	1995.323	1986.708	1978.093	1969.477	1948.725	1927.963	1907.211	1886.449	1874.809	1872.289
170	6110.729	6064.916	6019.103	5973.291	5915.214	5857.147	5799.071	5740.994	5706.298	5694.974
175	19136.569	19089.031	19041.485	18993.947	18978.234	18962.511	18946.798	18931.075	18919.543	18912.192
180	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851	27904.851

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	27905.528	27905.528	27905.528
5	18904.832	18897.481	18890.130
10	5683.649	5672.325	5661.000
15	1869.760	1867.241	1864.712
20	1217.320	1217.907	1218.494
25	1086.582	1087.386	1088.181
30	862.847	864.039	865.231
35	350.797	350.003	349.208
40	64.488	63.811	63.134
45	36.276	36.258	36.240
50	33.450	33.504	33.558
55	32.176	32.294	32.411
60	26.162	26.216	26.270
65	18.278	18.323	18.368
70	12.616	12.625	12.625
75	8.624	8.642	8.651
80	4.723	4.723	4.723
85	0.993	0.993	0.993
90	0.361	0.361	0.361
95	0.993	0.993	0.993
100	4.723	4.723	4.723
105	8.624	8.642	8.651
110	12.616	12.625	12.625
115	18.278	18.323	18.368
120	26.162	26.216	26.270
125	32.176	32.294	32.411
130	33.450	33.504	33.558
135	36.276	36.258	36.240
140	64.488	63.811	63.134
145	350.797	350.003	349.208
150	862.847	864.039	865.231
155	1086.582	1087.386	1088.181
160	1217.320	1217.907	1218.494
165	1869.760	1867.241	1864.712
170	5683.649	5672.325	5661.000
175	18904.850	18897.499	18890.148
180	27904.851	27904.851	27904.851

COEFFICIENTS OF UTILIZATION



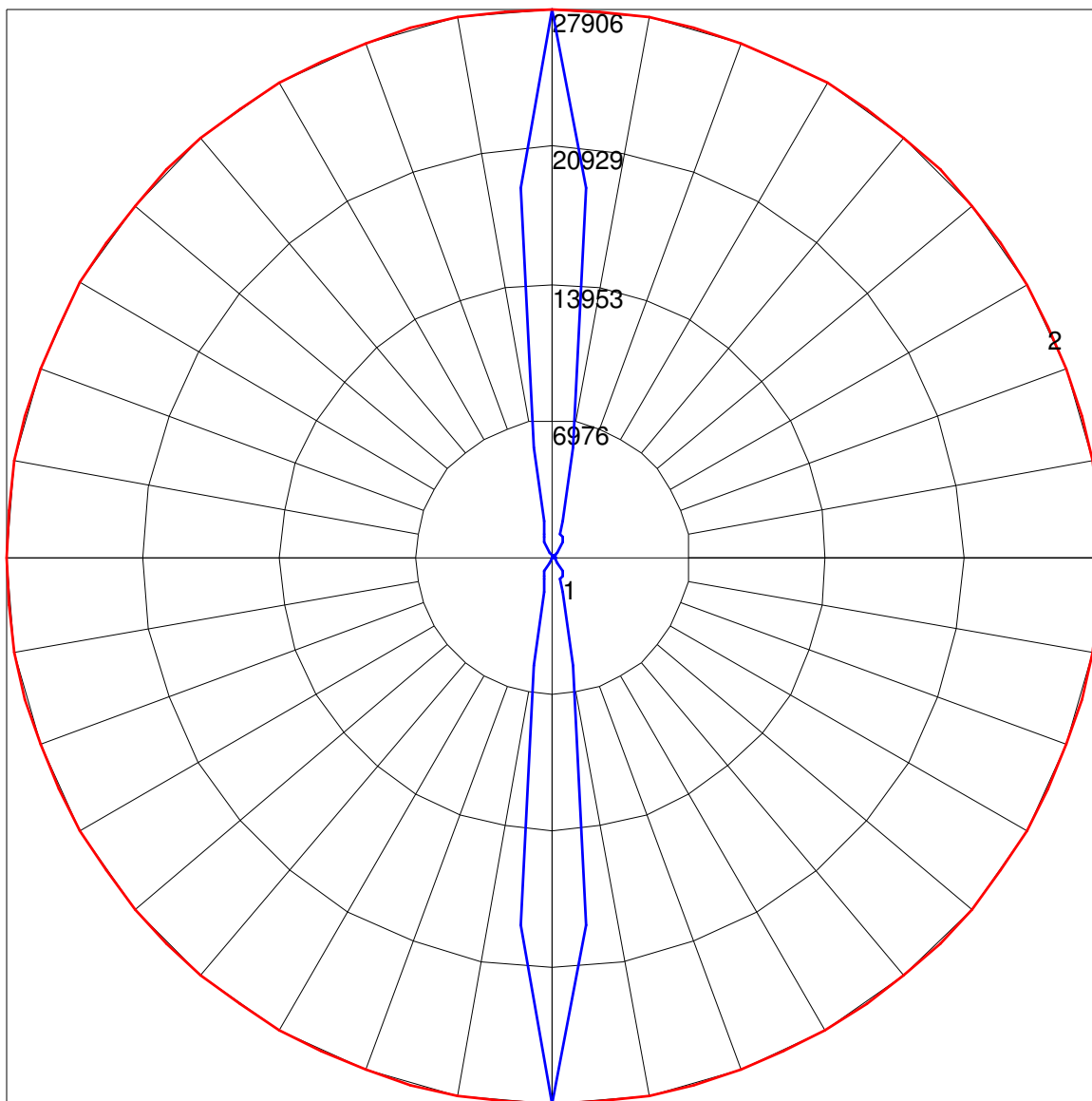
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1509.2	25.0
Downward House Side	1509.2	25.0
Downward Total	3018.4	50.0
Upward Street Side	1509.2	25.0
Upward House Side	1509.2	25.0
Upward Total	3018.4	50.0
Total Flux	6036.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-850U-L30-850D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 27905.528 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

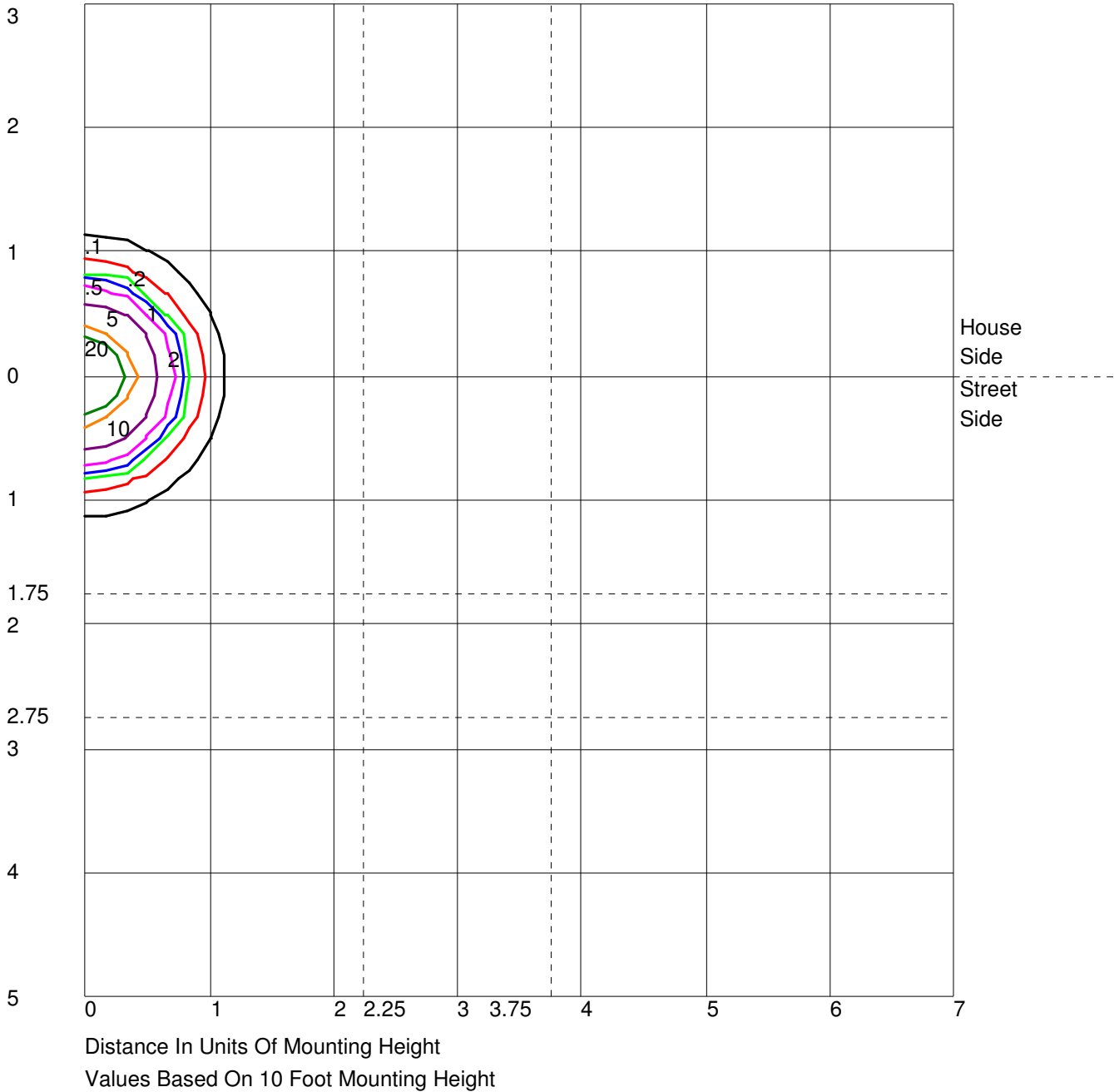


PHOTO LUMENS

