

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-830U-L40-830D-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	7240
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10443.148
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10443.148
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.639 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.361 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1414.8	N.A.	19.5
FM - Front-Medium (30-60)	367.0	N.A.	5.1
FH - Front-High (60-80)	26.6	N.A.	0.4
FVH - Front-Very High (80-90)	1.5	N.A.	0.0
BL - Back-Low (0-30)	1414.8	N.A.	19.5
BM - Back-Medium (30-60)	367.0	N.A.	5.1
BH - Back-High (60-80)	26.6	N.A.	0.4
BVH - Back-Very High (80-90)	1.5	N.A.	0.0
UL - Uplight-Low (90-100)	3.0	N.A.	0.0
UH - Uplight-High (100-180)	3616.8	N.A.	50.0
Total	7239.6	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	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8992.323	8991.889	8991.454	8991.007	8990.572	8991.096	8992.579	8994.049	8995.531	8997.014
10	5957.338	5959.089	5960.853	5962.604	5964.354	5969.019	5976.585	5984.151	5991.717	5999.283
15	3726.102	3726.459	3726.805	3727.162	3727.507	3730.191	3735.201	3740.211	3745.221	3750.231
20	2612.854	2613.238	2613.621	2613.992	2614.375	2615.755	2618.120	2620.497	2622.861	2625.238
25	2088.008	2086.449	2084.877	2083.318	2081.746	2080.762	2080.366	2079.957	2079.561	2079.152
30	1585.630	1583.841	1582.065	1580.275	1578.499	1575.061	1569.962	1564.862	1559.776	1554.677
35	747.260	747.631	748.014	748.385	748.755	749.305	750.021	750.736	751.452	752.168
40	268.525	269.497	270.468	271.452	272.423	274.136	276.590	279.031	281.485	283.938
45	170.156	170.373	170.591	170.808	171.025	171.383	171.881	172.380	172.878	173.377
50	117.859	118.013	118.166	118.332	118.486	118.741	119.099	119.470	119.827	120.185
55	80.426	80.515	80.605	80.694	80.784	80.963	81.206	81.461	81.704	81.960
60	53.089	53.153	53.217	53.281	53.345	53.447	53.613	53.779	53.945	54.111
65	35.580	35.593	35.619	35.631	35.644	35.708	35.810	35.912	36.015	36.117
70	23.797	23.797	23.810	23.810	23.822	23.848	23.886	23.937	23.976	24.027
75	14.902	14.889	14.889	14.876	14.863	14.863	14.876	14.889	14.902	14.915
80	7.234	7.234	7.234	7.246	7.246	7.259	7.272	7.285	7.310	7.323
85	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
90	0.562	0.562	0.562	0.588	0.588	0.588	0.588	0.613	0.613	0.613
95	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100	7.234	7.234	7.234	7.246	7.246	7.259	7.272	7.285	7.310	7.323
105	14.902	14.889	14.889	14.876	14.863	14.863	14.876	14.889	14.902	14.915
110	23.797	23.797	23.810	23.810	23.822	23.848	23.886	23.937	23.976	24.027
115	35.580	35.593	35.619	35.631	35.644	35.708	35.810	35.912	36.015	36.117
120	53.089	53.153	53.217	53.281	53.345	53.447	53.613	53.779	53.945	54.111
125	80.426	80.515	80.605	80.694	80.784	80.963	81.206	81.461	81.704	81.960
130	117.859	118.013	118.166	118.332	118.486	118.741	119.099	119.470	119.827	120.185
135	170.156	170.373	170.591	170.808	171.025	171.383	171.881	172.380	172.878	173.377
140	268.525	269.497	270.468	271.452	272.423	274.136	276.590	279.031	281.485	283.938
145	747.260	747.631	748.014	748.385	748.755	749.305	750.021	750.736	751.452	752.168
150	1585.630	1583.841	1582.065	1580.275	1578.499	1575.061	1569.962	1564.862	1559.776	1554.677
155	2088.008	2086.449	2084.877	2083.318	2081.746	2080.762	2080.366	2079.957	2079.561	2079.152
160	2612.854	2613.238	2613.621	2613.992	2614.375	2615.755	2618.120	2620.497	2622.861	2625.238
165	3726.102	3726.459	3726.805	3727.162	3727.507	3730.191	3735.201	3740.211	3745.221	3750.231
170	5957.338	5959.089	5960.853	5962.604	5964.354	5969.019	5976.585	5984.151	5991.717	5999.283
175	8992.323	8991.889	8991.454	8991.020	8990.572	8991.096	8992.579	8994.061	8995.531	8997.014
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8997.154	8997.295	8997.435	8997.576	8997.959	8998.573	8999.199	8999.812	9000.426	8999.812
10	6008.076	6016.881	6025.674	6034.480	6041.355	6046.301	6051.260	6056.206	6061.165	6056.206
15	3756.825	3763.420	3770.002	3776.596	3781.708	3785.325	3788.942	3792.572	3796.188	3792.572
20	2628.254	2631.258	2634.274	2637.277	2639.820	2641.891	2643.948	2646.019	2648.089	2646.019
25	2079.791	2080.417	2081.056	2081.682	2082.820	2084.456	2086.091	2087.727	2089.363	2087.727
30	1555.661	1556.632	1557.616	1558.600	1560.044	1561.949	1563.853	1565.757	1567.661	1565.757
35	755.273	758.366	761.472	764.577	766.482	767.210	767.938	768.667	769.395	768.667
40	285.216	286.507	287.785	289.076	290.303	291.479	292.654	293.830	295.006	293.830
45	173.504	173.645	173.773	173.913	174.041	174.169	174.284	174.412	174.540	174.412
50	120.403	120.620	120.837	121.054	121.208	121.297	121.399	121.489	121.591	121.489
55	82.139	82.330	82.509	82.701	82.829	82.918	83.008	83.084	83.174	83.084

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CANDELA TABULATION - (Cont.)

60	54.227	54.329	54.444	54.559	54.648	54.712	54.789	54.853	54.929	54.853
65	36.168	36.219	36.258	36.309	36.347	36.360	36.385	36.398	36.424	36.398
70	24.040	24.065	24.078	24.091	24.104	24.091	24.091	24.078	24.078	24.078
75	14.927	14.927	14.940	14.953	14.953	14.940	14.927	14.915	14.902	14.915
80	7.336	7.349	7.349	7.361	7.361	7.361	7.349	7.349	7.349	7.349
85	1.559	1.559	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546
90	0.613	0.613	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
95	1.559	1.559	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546
100	7.336	7.349	7.349	7.361	7.361	7.361	7.349	7.349	7.349	7.349
105	14.927	14.927	14.940	14.953	14.953	14.940	14.927	14.915	14.902	14.915
110	24.040	24.065	24.078	24.091	24.104	24.091	24.091	24.078	24.078	24.078
115	36.168	36.219	36.258	36.309	36.347	36.360	36.385	36.398	36.424	36.398
120	54.227	54.329	54.444	54.559	54.648	54.712	54.789	54.853	54.929	54.853
125	82.139	82.330	82.509	82.701	82.829	82.918	83.008	83.084	83.174	83.084
130	120.403	120.620	120.837	121.054	121.208	121.297	121.399	121.489	121.591	121.489
135	173.504	173.645	173.773	173.913	174.041	174.169	174.284	174.412	174.540	174.412
140	285.216	286.507	287.785	289.076	290.303	291.479	292.654	293.830	295.006	293.830
145	755.273	758.366	761.472	764.577	766.482	767.210	767.938	768.667	769.395	768.667
150	1555.661	1556.632	1557.616	1558.600	1560.044	1561.949	1563.853	1565.757	1567.661	1565.757
155	2079.791	2080.417	2081.056	2081.682	2082.820	2084.456	2086.091	2087.727	2089.363	2087.727
160	2628.254	2631.258	2634.274	2637.277	2639.820	2641.891	2643.948	2646.019	2648.089	2646.019
165	3756.825	3763.420	3770.002	3776.596	3781.708	3785.325	3788.942	3792.572	3796.188	3792.572
170	6008.076	6016.881	6025.674	6034.480	6041.355	6046.301	6051.260	6056.206	6061.165	6056.206
175	8997.154	8997.295	8997.448	8997.589	8997.959	8998.586	8999.199	8999.812	9000.426	8999.812
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8999.199	8998.573	8997.959	8997.576	8997.435	8997.295	8997.154	8997.014	8995.531	8994.049
10	6051.260	6046.301	6041.355	6034.480	6025.674	6016.881	6008.076	5999.283	5991.717	5984.151
15	3788.942	3785.325	3781.708	3776.596	3770.002	3763.420	3756.825	3750.231	3745.221	3740.211
20	2643.948	2641.891	2639.820	2637.277	2634.274	2631.258	2628.254	2625.238	2622.861	2620.497
25	2086.091	2084.456	2082.820	2081.682	2081.056	2080.417	2079.791	2079.152	2079.561	2079.957
30	1563.853	1561.949	1560.044	1558.600	1557.616	1556.632	1555.661	1554.677	1559.776	1564.862
35	767.938	767.210	766.482	764.577	761.472	758.366	755.273	752.168	751.452	750.736
40	292.654	291.479	290.303	289.076	287.785	286.507	285.216	283.938	281.485	279.031
45	174.284	174.169	174.041	173.913	173.773	173.645	173.504	173.377	172.878	172.380
50	121.399	121.297	121.208	121.054	120.837	120.620	120.403	120.185	119.827	119.470
55	83.008	82.918	82.829	82.701	82.509	82.330	82.139	81.960	81.704	81.461
60	54.789	54.712	54.648	54.559	54.444	54.329	54.227	54.111	53.945	53.779
65	36.385	36.360	36.347	36.309	36.258	36.219	36.168	36.117	36.015	35.912
70	24.091	24.091	24.104	24.091	24.078	24.065	24.040	24.027	23.976	23.937
75	14.927	14.940	14.953	14.953	14.940	14.927	14.927	14.915	14.902	14.889
80	7.349	7.361	7.361	7.361	7.349	7.349	7.336	7.323	7.310	7.285
85	1.546	1.546	1.546	1.546	1.546	1.559	1.559	1.559	1.559	1.559
90	0.639	0.639	0.639	0.639	0.639	0.613	0.613	0.613	0.613	0.613
95	1.546	1.546	1.546	1.546	1.546	1.559	1.559	1.559	1.559	1.559
100	7.349	7.361	7.361	7.361	7.349	7.349	7.336	7.323	7.310	7.285
105	14.927	14.940	14.953	14.953	14.940	14.927	14.927	14.915	14.902	14.889
110	24.091	24.091	24.104	24.091	24.078	24.065	24.040	24.027	23.976	23.937
115	36.385	36.360	36.347	36.309	36.258	36.219	36.168	36.117	36.015	35.912
120	54.789	54.712	54.648	54.559	54.444	54.329	54.227	54.111	53.945	53.779
125	83.008	82.918	82.829	82.701	82.509	82.330	82.139	81.960	81.704	81.461
130	121.399	121.297	121.208	121.054	120.837	120.620	120.403	120.185	119.827	119.470

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CANDELA TABULATION - (Cont.)

135	174.284	174.169	174.041	173.913	173.773	173.645	173.504	173.377	172.878	172.380
140	292.654	291.479	290.303	289.076	287.785	286.507	285.216	283.938	281.485	279.031
145	767.938	767.210	766.482	764.577	761.472	758.366	755.273	752.168	751.452	750.736
150	1563.853	1561.949	1560.044	1558.600	1557.616	1556.632	1555.661	1554.677	1559.776	1564.862
155	2086.091	2084.456	2082.820	2081.682	2081.056	2080.417	2079.791	2079.152	2079.561	2079.957
160	2643.948	2641.891	2639.820	2637.277	2634.274	2631.258	2628.254	2625.238	2622.861	2620.497
165	3788.942	3785.325	3781.708	3776.596	3770.002	3763.420	3756.825	3750.231	3745.221	3740.211
170	6051.260	6046.301	6041.355	6034.480	6025.674	6016.881	6008.076	5999.283	5991.717	5984.151
175	8999.199	8998.586	8997.959	8997.589	8997.448	8997.295	8997.154	8997.014	8995.531	8994.061
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

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	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8992.579	8991.096	8990.572	8991.007	8991.454	8991.889	8992.323	8991.889	8991.454	8991.007
10	5976.585	5969.019	5964.354	5962.604	5960.853	5959.089	5957.338	5959.089	5960.853	5962.604
15	3735.201	3730.191	3727.507	3727.162	3726.805	3726.459	3726.102	3726.459	3726.805	3727.162
20	2618.120	2615.755	2614.375	2613.992	2613.621	2613.238	2612.854	2613.238	2613.621	2613.992
25	2080.366	2080.762	2081.746	2083.318	2084.877	2086.449	2088.008	2086.449	2084.877	2083.318
30	1569.962	1575.061	1578.499	1580.275	1582.065	1583.841	1585.630	1583.841	1582.065	1580.275
35	750.021	749.305	748.755	748.385	748.014	747.631	747.260	747.631	748.014	748.385
40	276.590	274.136	272.423	271.452	270.468	269.497	268.525	269.497	270.468	271.452
45	171.881	171.383	171.025	170.808	170.591	170.373	170.156	170.373	170.591	170.808
50	119.099	118.741	118.486	118.332	118.166	118.013	117.859	118.013	118.166	118.332
55	81.206	80.963	80.784	80.694	80.605	80.515	80.426	80.515	80.605	80.694
60	53.613	53.447	53.345	53.281	53.217	53.153	53.089	53.153	53.217	53.281
65	35.810	35.708	35.644	35.631	35.619	35.593	35.580	35.593	35.619	35.631
70	23.886	23.848	23.822	23.810	23.810	23.797	23.797	23.797	23.810	23.810
75	14.876	14.863	14.863	14.876	14.889	14.889	14.902	14.889	14.889	14.876
80	7.272	7.259	7.246	7.246	7.234	7.234	7.234	7.234	7.234	7.246
85	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
90	0.588	0.588	0.588	0.588	0.562	0.562	0.562	0.562	0.562	0.588
95	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100	7.272	7.259	7.246	7.246	7.234	7.234	7.234	7.234	7.234	7.246
105	14.876	14.863	14.863	14.876	14.889	14.889	14.902	14.889	14.889	14.876
110	23.886	23.848	23.822	23.810	23.810	23.797	23.797	23.797	23.810	23.810
115	35.810	35.708	35.644	35.631	35.619	35.593	35.580	35.593	35.619	35.631
120	53.613	53.447	53.345	53.281	53.217	53.153	53.089	53.153	53.217	53.281
125	81.206	80.963	80.784	80.694	80.605	80.515	80.426	80.515	80.605	80.694
130	119.099	118.741	118.486	118.332	118.166	118.013	117.859	118.013	118.166	118.332
135	171.881	171.383	171.025	170.808	170.591	170.373	170.156	170.373	170.591	170.808
140	276.590	274.136	272.423	271.452	270.468	269.497	268.525	269.497	270.468	271.452
145	750.021	749.305	748.755	748.385	748.014	747.631	747.260	747.631	748.014	748.385
150	1569.962	1575.061	1578.499	1580.275	1582.065	1583.841	1585.630	1583.841	1582.065	1580.275
155	2080.366	2080.762	2081.746	2083.318	2084.877	2086.449	2088.008	2086.449	2084.877	2083.318
160	2618.120	2615.755	2614.375	2613.992	2613.621	2613.238	2612.854	2613.238	2613.621	2613.992
165	3735.201	3730.191	3727.507	3727.162	3726.805	3726.459	3726.102	3726.459	3726.805	3727.162
170	5976.585	5969.019	5964.354	5962.604	5960.853	5959.089	5957.338	5959.089	5960.853	5962.604
175	8992.579	8991.096	8990.572	8991.020	8991.454	8991.889	8992.323	8991.889	8991.454	8991.020
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

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	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	8990.572	8991.096	8992.579	8994.049	8995.531	8997.014	8997.154	8997.295	8997.435	8997.576
10	5964.354	5969.019	5976.585	5984.151	5991.717	5999.283	6008.076	6016.881	6025.674	6034.480
15	3727.507	3730.191	3735.201	3740.211	3745.221	3750.231	3756.825	3763.420	3770.002	3776.596
20	2614.375	2615.755	2618.120	2620.497	2622.861	2625.238	2628.254	2631.258	2634.274	2637.277
25	2081.746	2080.762	2080.366	2079.957	2079.561	2079.152	2079.791	2080.417	2081.056	2081.682
30	1578.499	1575.061	1569.962	1564.862	1559.776	1554.677	1555.661	1556.632	1557.616	1558.600
35	748.755	749.305	750.021	750.736	751.452	752.168	755.273	758.366	761.472	764.577
40	272.423	274.136	276.590	279.031	281.485	283.938	285.216	286.507	287.785	289.076
45	171.025	171.383	171.881	172.380	172.878	173.377	173.504	173.645	173.773	173.913
50	118.486	118.741	119.099	119.470	119.827	120.185	120.403	120.620	120.837	121.054
55	80.784	80.963	81.206	81.461	81.704	81.960	82.139	82.330	82.509	82.701
60	53.345	53.447	53.613	53.779	53.945	54.111	54.227	54.329	54.444	54.559
65	35.644	35.708	35.810	35.912	36.015	36.117	36.168	36.219	36.258	36.309
70	23.822	23.848	23.886	23.937	23.976	24.027	24.040	24.065	24.078	24.091
75	14.863	14.863	14.876	14.889	14.902	14.915	14.927	14.927	14.940	14.953
80	7.246	7.259	7.272	7.285	7.310	7.323	7.336	7.349	7.349	7.361
85	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.546	1.546
90	0.588	0.588	0.588	0.613	0.613	0.613	0.613	0.613	0.639	0.639
95	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.546	1.546
100	7.246	7.259	7.272	7.285	7.310	7.323	7.336	7.349	7.349	7.361
105	14.863	14.863	14.876	14.889	14.902	14.915	14.927	14.927	14.940	14.953
110	23.822	23.848	23.886	23.937	23.976	24.027	24.040	24.065	24.078	24.091
115	35.644	35.708	35.810	35.912	36.015	36.117	36.168	36.219	36.258	36.309
120	53.345	53.447	53.613	53.779	53.945	54.111	54.227	54.329	54.444	54.559
125	80.784	80.963	81.206	81.461	81.704	81.960	82.139	82.330	82.509	82.701
130	118.486	118.741	119.099	119.470	119.827	120.185	120.403	120.620	120.837	121.054
135	171.025	171.383	171.881	172.380	172.878	173.377	173.504	173.645	173.773	173.913
140	272.423	274.136	276.590	279.031	281.485	283.938	285.216	286.507	287.785	289.076
145	748.755	749.305	750.021	750.736	751.452	752.168	755.273	758.366	761.472	764.577
150	1578.499	1575.061	1569.962	1564.862	1559.776	1554.677	1555.661	1556.632	1557.616	1558.600
155	2081.746	2080.762	2080.366	2079.957	2079.561	2079.152	2079.791	2080.417	2081.056	2081.682
160	2614.375	2615.755	2618.120	2620.497	2622.861	2625.238	2628.254	2631.258	2634.274	2637.277
165	3727.507	3730.191	3735.201	3740.211	3745.221	3750.231	3756.825	3763.420	3770.002	3776.596
170	5964.354	5969.019	5976.585	5984.151	5991.717	5999.283	6008.076	6016.881	6025.674	6034.480
175	8990.572	8991.096	8992.579	8994.061	8995.531	8997.014	8997.154	8997.295	8997.448	8997.589
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

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	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8997.959	8998.573	8999.199	8999.812	9000.426	8999.812	8999.199	8998.573	8997.959	8997.576
10	6041.355	6046.301	6051.260	6056.206	6061.165	6056.206	6051.260	6046.301	6041.355	6034.480
15	3781.708	3785.325	3788.942	3792.572	3796.188	3792.572	3788.942	3785.325	3781.708	3776.596
20	2639.820	2641.891	2643.948	2646.019	2648.089	2646.019	2643.948	2641.891	2639.820	2637.277
25	2082.820	2084.456	2086.091	2087.727	2089.363	2087.727	2086.091	2084.456	2082.820	2081.682
30	1560.044	1561.949	1563.853	1565.757	1567.661	1565.757	1563.853	1561.949	1560.044	1558.600
35	766.482	767.210	767.938	768.667	769.395	768.667	767.938	767.210	766.482	764.577
40	290.303	291.479	292.654	293.830	295.006	293.830	292.654	291.479	290.303	289.076
45	174.041	174.169	174.284	174.412	174.540	174.412	174.284	174.169	174.041	173.913
50	121.208	121.297	121.399	121.489	121.591	121.489	121.399	121.297	121.208	121.054
55	82.829	82.918	83.008	83.084	83.174	83.084	83.008	82.918	82.829	82.701
60	54.648	54.712	54.789	54.853	54.929	54.853	54.789	54.712	54.648	54.559
65	36.347	36.360	36.385	36.398	36.424	36.398	36.385	36.360	36.347	36.309
70	24.104	24.091	24.091	24.078	24.078	24.078	24.091	24.091	24.104	24.091
75	14.953	14.940	14.927	14.915	14.902	14.915	14.927	14.940	14.953	14.953

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	7.361	7.361	7.349	7.349	7.349	7.349	7.349	7.361	7.361	7.361
85	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546
90	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
95	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546	1.546
100	7.361	7.361	7.349	7.349	7.349	7.349	7.349	7.361	7.361	7.361
105	14.953	14.940	14.927	14.915	14.902	14.915	14.927	14.940	14.953	14.953
110	24.104	24.091	24.091	24.078	24.078	24.078	24.091	24.091	24.104	24.091
115	36.347	36.360	36.385	36.398	36.424	36.398	36.385	36.360	36.347	36.309
120	54.648	54.712	54.789	54.853	54.929	54.853	54.789	54.712	54.648	54.559
125	82.829	82.918	83.008	83.084	83.174	83.084	83.008	82.918	82.829	82.701
130	121.208	121.297	121.399	121.489	121.591	121.489	121.399	121.297	121.208	121.054
135	174.041	174.169	174.284	174.412	174.540	174.412	174.284	174.169	174.041	173.913
140	290.303	291.479	292.654	293.830	295.006	293.830	292.654	291.479	290.303	289.076
145	766.482	767.210	767.938	768.667	769.395	768.667	767.938	767.210	766.482	764.577
150	1560.044	1561.949	1563.853	1565.757	1567.661	1565.757	1563.853	1561.949	1560.044	1558.600
155	2082.820	2084.456	2086.091	2087.727	2089.363	2087.727	2086.091	2084.456	2082.820	2081.682
160	2639.820	2641.891	2643.948	2646.019	2648.089	2646.019	2643.948	2641.891	2639.820	2637.277
165	3781.708	3785.325	3788.942	3792.572	3796.188	3792.572	3788.942	3785.325	3781.708	3776.596
170	6041.355	6046.301	6051.260	6056.206	6061.165	6056.206	6051.260	6046.301	6041.355	6034.480
175	8997.959	8998.586	8999.199	8999.812	9000.426	8999.812	8999.199	8998.586	8997.959	8997.589
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

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	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148	10443.148
5	8997.435	8997.295	8997.154	8997.014	8995.531	8994.049	8992.579	8991.096	8990.572	8991.007
10	6025.674	6016.881	6008.076	5999.283	5991.717	5984.151	5976.585	5969.019	5964.354	5962.604
15	3770.002	3763.420	3756.825	3750.231	3745.221	3740.211	3735.201	3730.191	3727.507	3727.162
20	2634.274	2631.258	2628.254	2625.238	2622.861	2620.497	2618.120	2615.755	2614.375	2613.992
25	2081.056	2080.417	2079.791	2079.152	2079.561	2079.957	2080.366	2080.762	2081.746	2083.318
30	1557.616	1556.632	1555.661	1554.677	1559.776	1564.862	1569.962	1575.061	1578.499	1580.275
35	761.472	758.366	755.273	752.168	751.452	750.736	750.021	749.305	748.755	748.385
40	287.785	286.507	285.216	283.938	281.485	279.031	276.590	274.136	272.423	271.452
45	173.773	173.645	173.504	173.377	172.878	172.380	171.881	171.383	171.025	170.808
50	120.837	120.620	120.403	120.185	119.827	119.470	119.099	118.741	118.486	118.332
55	82.509	82.330	82.139	81.960	81.704	81.461	81.206	80.963	80.784	80.694
60	54.444	54.329	54.227	54.111	53.945	53.779	53.613	53.447	53.345	53.281
65	36.258	36.219	36.168	36.117	36.015	35.912	35.810	35.708	35.644	35.631
70	24.078	24.065	24.040	24.027	23.976	23.937	23.886	23.848	23.822	23.810
75	14.940	14.927	14.927	14.915	14.902	14.889	14.876	14.863	14.863	14.876
80	7.349	7.349	7.336	7.323	7.310	7.285	7.272	7.259	7.246	7.246
85	1.546	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
90	0.639	0.613	0.613	0.613	0.613	0.613	0.588	0.588	0.588	0.588
95	1.546	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100	7.349	7.349	7.336	7.323	7.310	7.285	7.272	7.259	7.246	7.246
105	14.940	14.927	14.927	14.915	14.902	14.889	14.876	14.863	14.863	14.876
110	24.078	24.065	24.040	24.027	23.976	23.937	23.886	23.848	23.822	23.810
115	36.258	36.219	36.168	36.117	36.015	35.912	35.810	35.708	35.644	35.631
120	54.444	54.329	54.227	54.111	53.945	53.779	53.613	53.447	53.345	53.281
125	82.509	82.330	82.139	81.960	81.704	81.461	81.206	80.963	80.784	80.694
130	120.837	120.620	120.403	120.185	119.827	119.470	119.099	118.741	118.486	118.332
135	173.773	173.645	173.504	173.377	172.878	172.380	171.881	171.383	171.025	170.808
140	287.785	286.507	285.216	283.938	281.485	279.031	276.590	274.136	272.423	271.452
145	761.472	758.366	755.273	752.168	751.452	750.736	750.021	749.305	748.755	748.385
150	1557.616	1556.632	1555.661	1554.677	1559.776	1564.862	1569.962	1575.061	1578.499	1580.275

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	2081.056	2080.417	2079.791	2079.152	2079.561	2079.957	2080.366	2080.762	2081.746	2083.318
160	2634.274	2631.258	2628.254	2625.238	2622.861	2620.497	2618.120	2615.755	2614.375	2613.992
165	3770.002	3763.420	3756.825	3750.231	3745.221	3740.211	3735.201	3730.191	3727.507	3727.162
170	6025.674	6016.881	6008.076	5999.283	5991.717	5984.151	5976.585	5969.019	5964.354	5962.604
175	8997.448	8997.295	8997.154	8997.014	8995.531	8994.061	8992.579	8991.096	8990.572	8991.020
180	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726	10442.726

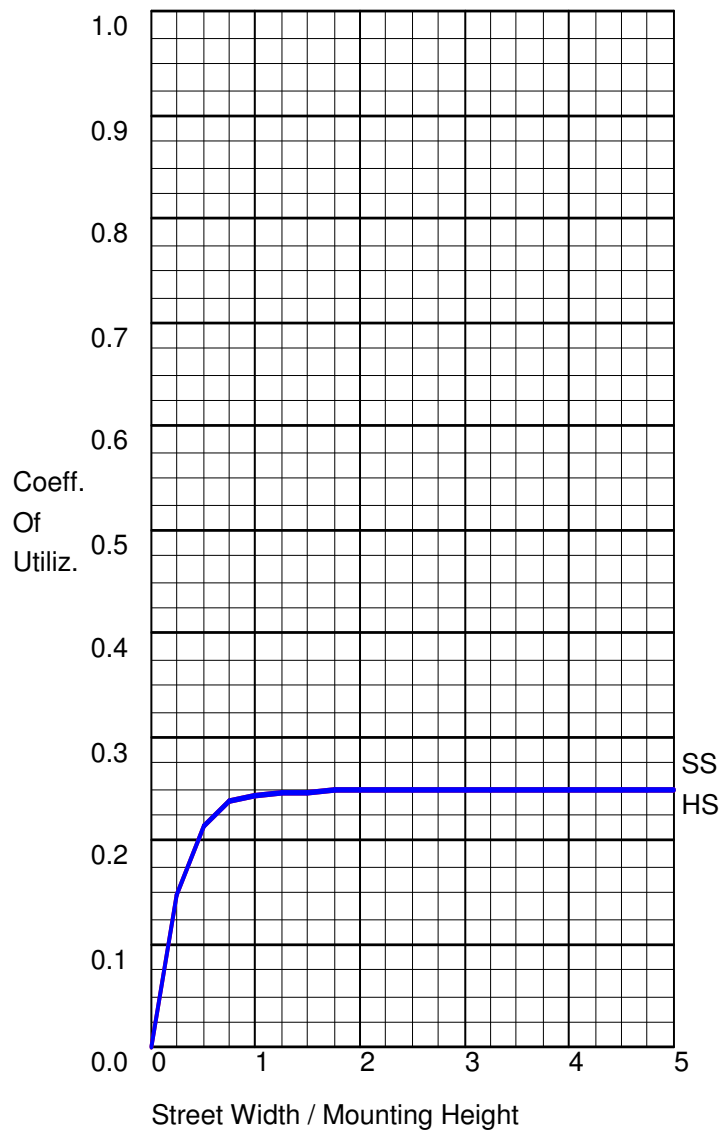
Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10443.148	10443.148	10443.148
5	8991.454	8991.889	8992.323
10	5960.853	5959.089	5957.338
15	3726.805	3726.459	3726.102
20	2613.621	2613.238	2612.854
25	2084.877	2086.449	2088.008
30	1582.065	1583.841	1585.630
35	748.014	747.631	747.260
40	270.468	269.497	268.525
45	170.591	170.373	170.156
50	118.166	118.013	117.859
55	80.605	80.515	80.426
60	53.217	53.153	53.089
65	35.619	35.593	35.580
70	23.810	23.797	23.797
75	14.889	14.889	14.902
80	7.234	7.234	7.234
85	1.559	1.559	1.559
90	0.562	0.562	0.562
95	1.559	1.559	1.559
100	7.234	7.234	7.234
105	14.889	14.889	14.902
110	23.810	23.797	23.797
115	35.619	35.593	35.580
120	53.217	53.153	53.089
125	80.605	80.515	80.426
130	118.166	118.013	117.859
135	170.591	170.373	170.156
140	270.468	269.497	268.525
145	748.014	747.631	747.260
150	1582.065	1583.841	1585.630
155	2084.877	2086.449	2088.008
160	2613.621	2613.238	2612.854
165	3726.805	3726.459	3726.102
170	5960.853	5959.089	5957.338
175	8991.454	8991.889	8992.323
180	10442.726	10442.726	10442.726

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_.IES

COEFFICIENTS OF UTILIZATION



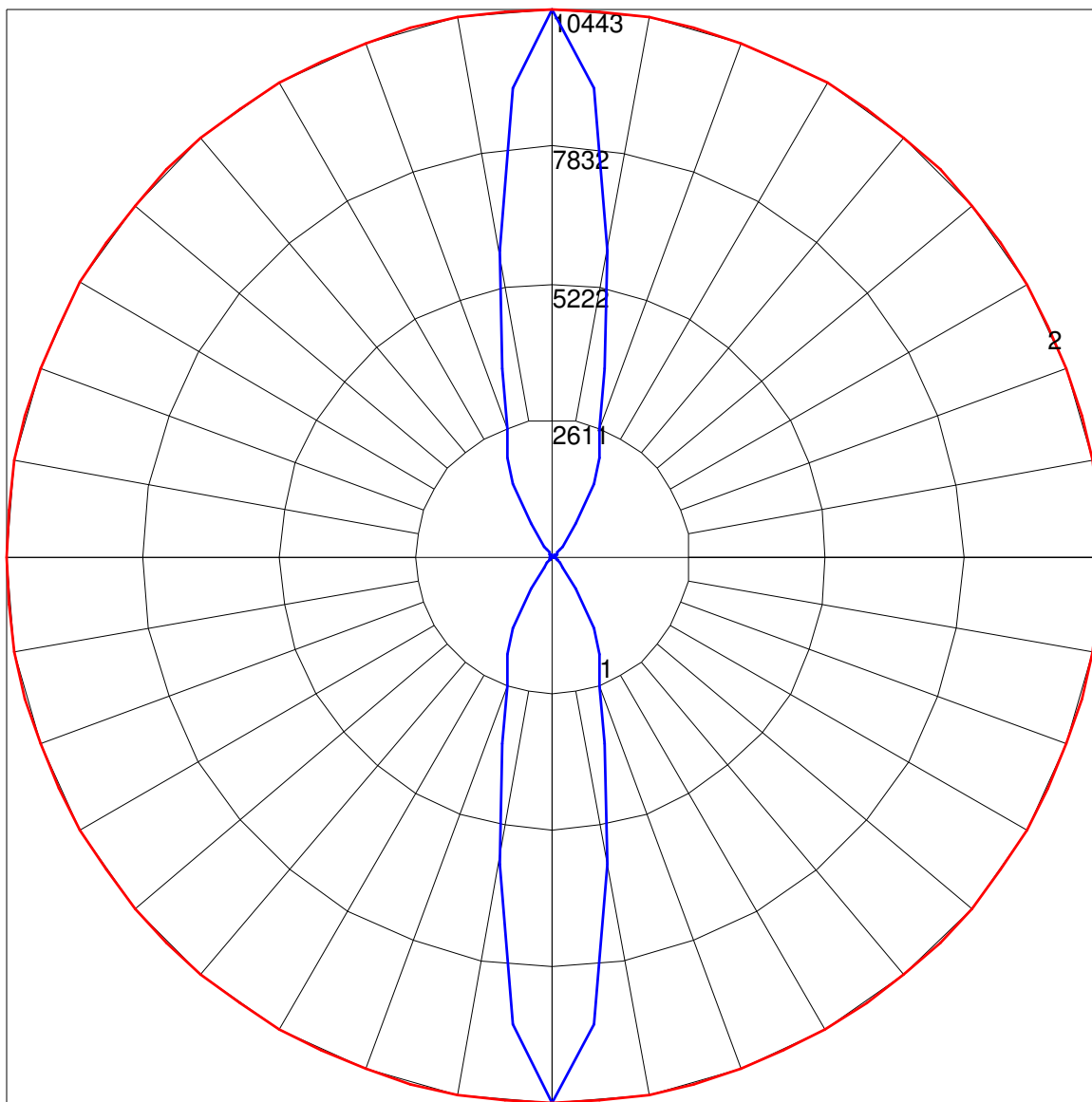
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1809.9	25.0
Downward House Side	1809.9	25.0
Downward Total	3619.8	50.0
Upward Street Side	1809.9	25.0
Upward House Side	1809.9	25.0
Upward Total	3619.8	50.0
Total Flux	7239.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10443.148 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

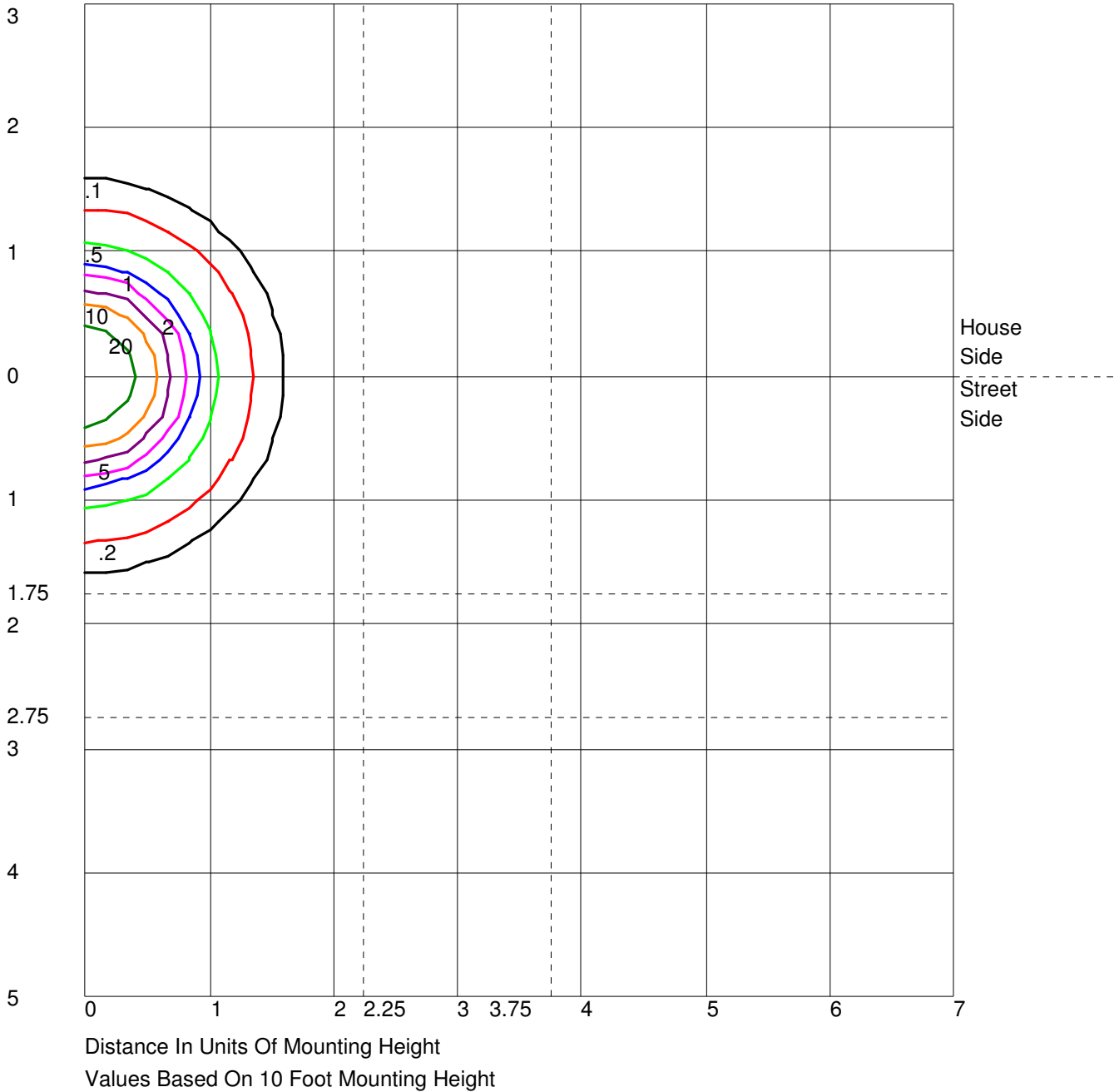


PHOTO LUMENS

