

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-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-L30-940U-L30-940D-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	5341
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7703.726
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7703.726
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.471 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.43 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1043.7	N.A.	19.5
FM - Front-Medium (30-60)	270.7	N.A.	5.1
FH - Front-High (60-80)	19.6	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1043.7	N.A.	19.5
BM - Back-Medium (30-60)	270.7	N.A.	5.1
BH - Back-High (60-80)	19.6	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.2	N.A.	0.0
UH - Uplight-High (100-180)	2668.0	N.A.	50.0
Total	5340.4	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	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6633.478	6633.158	6632.837	6632.507	6632.187	6632.573	6633.667	6634.751	6635.844	6636.938
10	4394.623	4395.915	4397.216	4398.507	4399.799	4403.240	4408.821	4414.403	4419.984	4425.565
15	2748.679	2748.943	2749.198	2749.462	2749.716	2751.696	2755.392	2759.088	2762.783	2766.479
20	1927.456	1927.739	1928.022	1928.295	1928.578	1929.596	1931.341	1933.094	1934.838	1936.592
25	1540.287	1539.137	1537.977	1536.827	1535.667	1534.941	1534.649	1534.347	1534.055	1533.754
30	1169.692	1168.372	1167.061	1165.741	1164.431	1161.895	1158.133	1154.371	1150.619	1146.858
35	551.241	551.514	551.797	552.070	552.344	552.749	553.277	553.805	554.333	554.861
40	198.086	198.803	199.519	200.245	200.962	202.225	204.035	205.836	207.646	209.456
45	125.521	125.681	125.842	126.002	126.162	126.426	126.794	127.161	127.529	127.897
50	86.943	87.056	87.169	87.292	87.405	87.593	87.857	88.131	88.395	88.659
55	59.329	59.395	59.461	59.527	59.593	59.725	59.904	60.092	60.272	60.460
60	39.163	39.210	39.257	39.304	39.351	39.427	39.549	39.672	39.795	39.917
65	26.247	26.256	26.275	26.285	26.294	26.341	26.417	26.492	26.567	26.643
70	17.554	17.554	17.564	17.564	17.573	17.592	17.620	17.658	17.686	17.724
75	10.993	10.983	10.983	10.974	10.964	10.964	10.974	10.983	10.993	11.002
80	5.336	5.336	5.336	5.346	5.346	5.355	5.364	5.374	5.393	5.402
85	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
90	0.415	0.415	0.415	0.434	0.434	0.434	0.434	0.453	0.453	0.453
95	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
100	5.336	5.336	5.336	5.346	5.346	5.355	5.364	5.374	5.393	5.402
105	10.993	10.983	10.983	10.974	10.964	10.964	10.974	10.983	10.993	11.002
110	17.554	17.554	17.564	17.564	17.573	17.592	17.620	17.658	17.686	17.724
115	26.247	26.256	26.275	26.285	26.294	26.341	26.417	26.492	26.567	26.643
120	39.163	39.210	39.257	39.304	39.351	39.427	39.549	39.672	39.795	39.917
125	59.329	59.395	59.461	59.527	59.593	59.725	59.904	60.092	60.272	60.460
130	86.943	87.056	87.169	87.292	87.405	87.593	87.857	88.131	88.395	88.659
135	125.521	125.681	125.842	126.002	126.162	126.426	126.794	127.161	127.529	127.897
140	198.086	198.803	199.519	200.245	200.962	202.225	204.035	205.836	207.646	209.456
145	551.241	551.514	551.797	552.070	552.344	552.749	553.277	553.805	554.333	554.861
150	1169.692	1168.372	1167.061	1165.741	1164.431	1161.895	1158.133	1154.371	1150.619	1146.858
155	1540.287	1539.137	1537.977	1536.827	1535.667	1534.941	1534.649	1534.347	1534.055	1533.754
160	1927.456	1927.739	1928.022	1928.295	1928.578	1929.596	1931.341	1933.094	1934.838	1936.592
165	2748.679	2748.943	2749.198	2749.462	2749.716	2751.696	2755.392	2759.088	2762.783	2766.479
170	4394.623	4395.915	4397.216	4398.507	4399.799	4403.240	4408.821	4414.403	4419.984	4425.565
175	6633.478	6633.158	6632.837	6632.516	6632.187	6632.573	6633.667	6634.760	6635.844	6636.938
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6637.042	6637.146	6637.249	6637.353	6637.636	6638.088	6638.550	6639.003	6639.455	6639.003
10	4432.051	4438.547	4445.033	4451.529	4456.601	4460.250	4463.908	4467.556	4471.214	4467.556
15	2771.344	2776.208	2781.064	2785.928	2789.700	2792.368	2795.036	2797.713	2800.381	2797.713
20	1938.817	1941.032	1943.257	1945.473	1947.349	1948.876	1950.394	1951.921	1953.449	1951.921
25	1534.225	1534.687	1535.158	1535.620	1536.459	1537.666	1538.873	1540.080	1541.286	1540.080
30	1147.583	1148.300	1149.026	1149.752	1150.817	1152.222	1153.627	1155.031	1156.436	1155.031
35	557.152	559.433	561.724	564.015	565.420	565.957	566.495	567.032	567.569	567.032
40	210.399	211.351	212.294	213.246	214.151	215.019	215.886	216.753	217.621	216.753
45	127.991	128.095	128.189	128.293	128.387	128.481	128.566	128.661	128.755	128.661
50	88.819	88.979	89.139	89.300	89.413	89.479	89.554	89.620	89.696	89.620
55	60.592	60.734	60.866	61.007	61.101	61.167	61.233	61.290	61.356	61.290

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## CANDELA TABULATION - (Cont.)

60	40.002	40.077	40.162	40.247	40.313	40.360	40.417	40.464	40.520	40.464
65	26.681	26.718	26.747	26.784	26.813	26.822	26.841	26.850	26.869	26.850
70	17.734	17.752	17.762	17.771	17.781	17.771	17.771	17.762	17.762	17.762
75	11.012	11.012	11.021	11.030	11.030	11.021	11.012	11.002	10.993	11.002
80	5.412	5.421	5.421	5.430	5.430	5.430	5.421	5.421	5.421	5.421
85	1.150	1.150	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141
90	0.453	0.453	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471
95	1.150	1.150	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141
100	5.412	5.421	5.421	5.430	5.430	5.430	5.421	5.421	5.421	5.421
105	11.012	11.012	11.021	11.030	11.030	11.021	11.012	11.002	10.993	11.002
110	17.734	17.752	17.762	17.771	17.781	17.771	17.771	17.762	17.762	17.762
115	26.681	26.718	26.747	26.784	26.813	26.822	26.841	26.850	26.869	26.850
120	40.002	40.077	40.162	40.247	40.313	40.360	40.417	40.464	40.520	40.464
125	60.592	60.734	60.866	61.007	61.101	61.167	61.233	61.290	61.356	61.290
130	88.819	88.979	89.139	89.300	89.413	89.479	89.554	89.620	89.696	89.620
135	127.991	128.095	128.189	128.293	128.387	128.481	128.566	128.661	128.755	128.661
140	210.399	211.351	212.294	213.246	214.151	215.019	215.886	216.753	217.621	216.753
145	557.152	559.433	561.724	564.015	565.420	565.957	566.495	567.032	567.569	567.032
150	1147.583	1148.300	1149.026	1149.752	1150.817	1152.222	1153.627	1155.031	1156.436	1155.031
155	1534.225	1534.687	1535.158	1535.620	1536.459	1537.666	1538.873	1540.080	1541.286	1540.080
160	1938.817	1941.032	1943.257	1945.473	1947.349	1948.876	1950.394	1951.921	1953.449	1951.921
165	2771.344	2776.208	2781.064	2785.928	2789.700	2792.368	2795.036	2797.713	2800.381	2797.713
170	4432.051	4438.547	4445.033	4451.529	4456.601	4460.250	4463.908	4467.556	4471.214	4467.556
175	6637.042	6637.146	6637.259	6637.362	6637.636	6638.098	6638.550	6639.003	6639.455	6639.003
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

## Vert. Angles

### Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6638.550	6638.088	6637.636	6637.353	6637.249	6637.146	6637.042	6636.938	6635.844	6634.751
10	4463.908	4460.250	4456.601	4451.529	4445.033	4438.547	4432.051	4425.565	4419.984	4414.403
15	2795.036	2792.368	2789.700	2785.928	2781.064	2776.208	2771.344	2766.479	2762.783	2759.088
20	1950.394	1948.876	1947.349	1945.473	1943.257	1941.032	1938.817	1936.592	1934.838	1933.094
25	1538.873	1537.666	1536.459	1535.620	1535.158	1534.687	1534.225	1533.754	1534.055	1534.347
30	1153.627	1152.222	1150.817	1149.752	1149.026	1148.300	1147.583	1146.858	1150.619	1154.371
35	566.495	565.957	565.420	564.015	561.724	559.433	557.152	554.861	554.333	553.805
40	215.886	215.019	214.151	213.246	212.294	211.351	210.399	209.456	207.646	205.836
45	128.566	128.481	128.387	128.293	128.189	128.095	127.991	127.897	127.529	127.161
50	89.554	89.479	89.413	89.300	89.139	88.979	88.819	88.659	88.395	88.131
55	61.233	61.167	61.101	61.007	60.866	60.734	60.592	60.460	60.272	60.092
60	40.417	40.360	40.313	40.247	40.162	40.077	40.002	39.917	39.795	39.672
65	26.841	26.822	26.813	26.784	26.747	26.718	26.681	26.643	26.567	26.492
70	17.771	17.771	17.781	17.771	17.762	17.752	17.734	17.724	17.686	17.658
75	11.012	11.021	11.030	11.030	11.021	11.012	11.012	11.002	10.993	10.983
80	5.421	5.430	5.430	5.430	5.421	5.421	5.412	5.402	5.393	5.374
85	1.141	1.141	1.141	1.141	1.141	1.150	1.150	1.150	1.150	1.150
90	0.471	0.471	0.471	0.471	0.471	0.453	0.453	0.453	0.453	0.453
95	1.141	1.141	1.141	1.141	1.141	1.150	1.150	1.150	1.150	1.150
100	5.421	5.430	5.430	5.430	5.421	5.421	5.412	5.402	5.393	5.374
105	11.012	11.021	11.030	11.030	11.021	11.012	11.012	11.002	10.993	10.983
110	17.771	17.771	17.781	17.771	17.762	17.752	17.734	17.724	17.686	17.658
115	26.841	26.822	26.813	26.784	26.747	26.718	26.681	26.643	26.567	26.492
120	40.417	40.360	40.313	40.247	40.162	40.077	40.002	39.917	39.795	39.672
125	61.233	61.167	61.101	61.007	60.866	60.734	60.592	60.460	60.272	60.092
130	89.554	89.479	89.413	89.300	89.139	88.979	88.819	88.659	88.395	88.131

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## CANDELA TABULATION - (Cont.)

135	128.566	128.481	128.387	128.293	128.189	128.095	127.991	127.897	127.529	127.161
140	215.886	215.019	214.151	213.246	212.294	211.351	210.399	209.456	207.646	205.836
145	566.495	565.957	565.420	564.015	561.724	559.433	557.152	554.861	554.333	553.805
150	1153.627	1152.222	1150.817	1149.752	1149.026	1148.300	1147.583	1146.858	1150.619	1154.371
155	1538.873	1537.666	1536.459	1535.620	1535.158	1534.687	1534.225	1533.754	1534.055	1534.347
160	1950.394	1948.876	1947.349	1945.473	1943.257	1941.032	1938.817	1936.592	1934.838	1933.094
165	2795.036	2792.368	2789.700	2785.928	2781.064	2776.208	2771.344	2766.479	2762.783	2759.088
170	4463.908	4460.250	4456.601	4451.529	4445.033	4438.547	4432.051	4425.565	4419.984	4414.403
175	6638.550	6638.098	6637.636	6637.362	6637.259	6637.146	6637.042	6636.938	6635.844	6634.760
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

## 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	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6633.667	6632.573	6632.187	6632.507	6632.837	6633.158	6633.478	6633.158	6632.837	6632.507
10	4408.821	4403.240	4399.799	4398.507	4397.216	4395.915	4394.623	4395.915	4397.216	4398.507
15	2755.392	2751.696	2749.716	2749.462	2749.198	2748.943	2748.679	2748.943	2749.198	2749.462
20	1931.341	1929.596	1928.578	1928.295	1928.022	1927.739	1927.456	1927.739	1928.022	1928.295
25	1534.649	1534.941	1535.667	1536.827	1537.977	1539.137	1540.287	1539.137	1537.977	1536.827
30	1158.133	1161.895	1164.431	1165.741	1167.061	1168.372	1169.692	1168.372	1167.061	1165.741
35	553.277	552.749	552.344	552.070	551.797	551.514	551.241	551.514	551.797	552.070
40	204.035	202.225	200.962	200.245	199.519	198.803	198.086	198.803	199.519	200.245
45	126.794	126.426	126.162	126.002	125.842	125.681	125.521	125.681	125.842	126.002
50	87.857	87.593	87.405	87.292	87.169	87.056	86.943	87.056	87.169	87.292
55	59.904	59.725	59.593	59.527	59.461	59.395	59.329	59.395	59.461	59.527
60	39.549	39.427	39.351	39.304	39.257	39.210	39.163	39.210	39.257	39.304
65	26.417	26.341	26.294	26.285	26.275	26.256	26.247	26.256	26.275	26.285
70	17.620	17.592	17.573	17.564	17.564	17.554	17.554	17.554	17.564	17.564
75	10.974	10.964	10.964	10.974	10.983	10.983	10.993	10.983	10.983	10.974
80	5.364	5.355	5.346	5.346	5.336	5.336	5.336	5.336	5.336	5.346
85	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
90	0.434	0.434	0.434	0.434	0.415	0.415	0.415	0.415	0.415	0.434
95	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
100	5.364	5.355	5.346	5.346	5.336	5.336	5.336	5.336	5.336	5.346
105	10.974	10.964	10.964	10.974	10.983	10.983	10.993	10.983	10.983	10.974
110	17.620	17.592	17.573	17.564	17.564	17.554	17.554	17.554	17.564	17.564
115	26.417	26.341	26.294	26.285	26.275	26.256	26.247	26.256	26.275	26.285
120	39.549	39.427	39.351	39.304	39.257	39.210	39.163	39.210	39.257	39.304
125	59.904	59.725	59.593	59.527	59.461	59.395	59.329	59.395	59.461	59.527
130	87.857	87.593	87.405	87.292	87.169	87.056	86.943	87.056	87.169	87.292
135	126.794	126.426	126.162	126.002	125.842	125.681	125.521	125.681	125.842	126.002
140	204.035	202.225	200.962	200.245	199.519	198.803	198.086	198.803	199.519	200.245
145	553.277	552.749	552.344	552.070	551.797	551.514	551.241	551.514	551.797	552.070
150	1158.133	1161.895	1164.431	1165.741	1167.061	1168.372	1169.692	1168.372	1167.061	1165.741
155	1534.649	1534.941	1535.667	1536.827	1537.977	1539.137	1540.287	1539.137	1537.977	1536.827
160	1931.341	1929.596	1928.578	1928.295	1928.022	1927.739	1927.456	1927.739	1928.022	1928.295
165	2755.392	2751.696	2749.716	2749.462	2749.198	2748.943	2748.679	2748.943	2749.198	2749.462
170	4408.821	4403.240	4399.799	4398.507	4397.216	4395.915	4394.623	4395.915	4397.216	4398.507
175	6633.667	6632.573	6632.187	6632.516	6632.837	6633.158	6633.478	6633.158	6632.837	6632.516
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

## 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	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	6632.187	6632.573	6633.667	6634.751	6635.844	6636.938	6637.042	6637.146	6637.249	6637.353
10	4399.799	4403.240	4408.821	4414.403	4419.984	4425.565	4432.051	4438.547	4445.033	4451.529
15	2749.716	2751.696	2755.392	2759.088	2762.783	2766.479	2771.344	2776.208	2781.064	2785.928
20	1928.578	1929.596	1931.341	1933.094	1934.838	1936.592	1938.817	1941.032	1943.257	1945.473
25	1535.667	1534.941	1534.649	1534.347	1534.055	1533.754	1534.225	1534.687	1535.158	1535.620
30	1164.431	1161.895	1158.133	1154.371	1150.619	1146.858	1147.583	1148.300	1149.026	1149.752
35	552.344	552.749	553.277	553.805	554.333	554.861	557.152	559.433	561.724	564.015
40	200.962	202.225	204.035	205.836	207.646	209.456	210.399	211.351	212.294	213.246
45	126.162	126.426	126.794	127.161	127.529	127.897	127.991	128.095	128.189	128.293
50	87.405	87.593	87.857	88.131	88.395	88.659	88.819	88.979	89.139	89.300
55	59.593	59.725	59.904	60.092	60.272	60.460	60.592	60.734	60.866	61.007
60	39.351	39.427	39.549	39.672	39.795	39.917	40.002	40.077	40.162	40.247
65	26.294	26.341	26.417	26.492	26.567	26.643	26.681	26.718	26.747	26.784
70	17.573	17.592	17.620	17.658	17.686	17.724	17.734	17.752	17.762	17.771
75	10.964	10.964	10.974	10.983	10.993	11.002	11.012	11.012	11.021	11.030
80	5.346	5.355	5.364	5.374	5.393	5.402	5.412	5.421	5.421	5.430
85	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.141	1.141
90	0.434	0.434	0.434	0.453	0.453	0.453	0.453	0.453	0.471	0.471
95	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.141	1.141
100	5.346	5.355	5.364	5.374	5.393	5.402	5.412	5.421	5.421	5.430
105	10.964	10.964	10.974	10.983	10.993	11.002	11.012	11.012	11.021	11.030
110	17.573	17.592	17.620	17.658	17.686	17.724	17.734	17.752	17.762	17.771
115	26.294	26.341	26.417	26.492	26.567	26.643	26.681	26.718	26.747	26.784
120	39.351	39.427	39.549	39.672	39.795	39.917	40.002	40.077	40.162	40.247
125	59.593	59.725	59.904	60.092	60.272	60.460	60.592	60.734	60.866	61.007
130	87.405	87.593	87.857	88.131	88.395	88.659	88.819	88.979	89.139	89.300
135	126.162	126.426	126.794	127.161	127.529	127.897	127.991	128.095	128.189	128.293
140	200.962	202.225	204.035	205.836	207.646	209.456	210.399	211.351	212.294	213.246
145	552.344	552.749	553.277	553.805	554.333	554.861	557.152	559.433	561.724	564.015
150	1164.431	1161.895	1158.133	1154.371	1150.619	1146.858	1147.583	1148.300	1149.026	1149.752
155	1535.667	1534.941	1534.649	1534.347	1534.055	1533.754	1534.225	1534.687	1535.158	1535.620
160	1928.578	1929.596	1931.341	1933.094	1934.838	1936.592	1938.817	1941.032	1943.257	1945.473
165	2749.716	2751.696	2755.392	2759.088	2762.783	2766.479	2771.344	2776.208	2781.064	2785.928
170	4399.799	4403.240	4408.821	4414.403	4419.984	4425.565	4432.051	4438.547	4445.033	4451.529
175	6632.187	6632.573	6633.667	6634.760	6635.844	6636.938	6637.042	6637.146	6637.259	6637.362
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

## 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	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6637.636	6638.088	6638.550	6639.003	6639.455	6639.003	6638.550	6638.088	6637.636	6637.353
10	4456.601	4460.250	4463.908	4467.556	4471.214	4467.556	4463.908	4460.250	4456.601	4451.529
15	2789.700	2792.368	2795.036	2797.713	2800.381	2797.713	2795.036	2792.368	2789.700	2785.928
20	1947.349	1948.876	1950.394	1951.921	1953.449	1951.921	1950.394	1948.876	1947.349	1945.473
25	1536.459	1537.666	1538.873	1540.080	1541.286	1540.080	1538.873	1537.666	1536.459	1535.620
30	1150.817	1152.222	1153.627	1155.031	1156.436	1155.031	1153.627	1152.222	1150.817	1149.752
35	565.420	565.957	566.495	567.032	567.569	567.032	566.495	565.957	565.420	564.015
40	214.151	215.019	215.886	216.753	217.621	216.753	215.886	215.019	214.151	213.246
45	128.387	128.481	128.566	128.661	128.755	128.661	128.566	128.481	128.387	128.293
50	89.413	89.479	89.554	89.620	89.696	89.620	89.554	89.479	89.413	89.300
55	61.101	61.167	61.233	61.290	61.356	61.290	61.233	61.167	61.101	61.007
60	40.313	40.360	40.417	40.464	40.520	40.464	40.417	40.360	40.313	40.247
65	26.813	26.822	26.841	26.850	26.869	26.850	26.841	26.822	26.813	26.784
70	17.781	17.771	17.771	17.762	17.762	17.762	17.771	17.771	17.781	17.771
75	11.030	11.021	11.012	11.002	10.993	11.002	11.012	11.021	11.030	11.030

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	5.430	5.430	5.421	5.421	5.421	5.421	5.421	5.430	5.430	5.430
85	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141
90	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471
95	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141	1.141
100	5.430	5.430	5.421	5.421	5.421	5.421	5.421	5.430	5.430	5.430
105	11.030	11.021	11.012	11.002	10.993	11.002	11.012	11.021	11.030	11.030
110	17.781	17.771	17.771	17.762	17.762	17.762	17.771	17.771	17.781	17.771
115	26.813	26.822	26.841	26.850	26.869	26.850	26.841	26.822	26.813	26.784
120	40.313	40.360	40.417	40.464	40.520	40.464	40.417	40.360	40.313	40.247
125	61.101	61.167	61.233	61.290	61.356	61.290	61.233	61.167	61.101	61.007
130	89.413	89.479	89.554	89.620	89.696	89.620	89.554	89.479	89.413	89.300
135	128.387	128.481	128.566	128.661	128.755	128.661	128.566	128.481	128.387	128.293
140	214.151	215.019	215.886	216.753	217.621	216.753	215.886	215.019	214.151	213.246
145	565.420	565.957	566.495	567.032	567.569	567.032	566.495	565.957	565.420	564.015
150	1150.817	1152.222	1153.627	1155.031	1156.436	1155.031	1153.627	1152.222	1150.817	1149.752
155	1536.459	1537.666	1538.873	1540.080	1541.286	1540.080	1538.873	1537.666	1536.459	1535.620
160	1947.349	1948.876	1950.394	1951.921	1953.449	1951.921	1950.394	1948.876	1947.349	1945.473
165	2789.700	2792.368	2795.036	2797.713	2800.381	2797.713	2795.036	2792.368	2789.700	2785.928
170	4456.601	4460.250	4463.908	4467.556	4471.214	4467.556	4463.908	4460.250	4456.601	4451.529
175	6637.636	6638.098	6638.550	6639.003	6639.455	6639.003	6638.550	6638.098	6637.636	6637.362
180	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

## 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	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726	7703.726
5	6637.249	6637.146	6637.042	6636.938	6635.844	6634.751	6633.667	6632.573	6632.187	6632.507
10	4445.033	4438.547	4432.051	4425.565	4419.984	4414.403	4408.821	4403.240	4399.799	4398.507
15	2781.064	2776.208	2771.344	2766.479	2762.783	2759.088	2755.392	2751.696	2749.716	2749.462
20	1943.257	1941.032	1938.817	1936.592	1934.838	1933.094	1931.341	1929.596	1928.578	1928.295
25	1535.158	1534.687	1534.225	1533.754	1534.055	1534.347	1534.649	1534.941	1535.667	1536.827
30	1149.026	1148.300	1147.583	1146.858	1150.619	1154.371	1158.133	1161.895	1164.431	1165.741
35	561.724	559.433	557.152	554.861	554.333	553.805	553.277	552.749	552.344	552.070
40	212.294	211.351	210.399	209.456	207.646	205.836	204.035	202.225	200.962	200.245
45	128.189	128.095	127.991	127.897	127.529	127.161	126.794	126.426	126.162	126.002
50	89.139	88.979	88.819	88.659	88.395	88.131	87.857	87.593	87.405	87.292
55	60.866	60.734	60.592	60.460	60.272	60.092	59.904	59.725	59.593	59.527
60	40.162	40.077	40.002	39.917	39.795	39.672	39.549	39.427	39.351	39.304
65	26.747	26.718	26.681	26.643	26.567	26.492	26.417	26.341	26.294	26.285
70	17.762	17.752	17.734	17.724	17.686	17.658	17.620	17.592	17.573	17.564
75	11.021	11.012	11.012	11.002	10.993	10.983	10.974	10.964	10.964	10.974
80	5.421	5.421	5.412	5.402	5.393	5.374	5.364	5.355	5.346	5.346
85	1.141	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
90	0.471	0.453	0.453	0.453	0.453	0.453	0.434	0.434	0.434	0.434
95	1.141	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
100	5.421	5.421	5.412	5.402	5.393	5.374	5.364	5.355	5.346	5.346
105	11.021	11.012	11.012	11.002	10.993	10.983	10.974	10.964	10.964	10.974
110	17.762	17.752	17.734	17.724	17.686	17.658	17.620	17.592	17.573	17.564
115	26.747	26.718	26.681	26.643	26.567	26.492	26.417	26.341	26.294	26.285
120	40.162	40.077	40.002	39.917	39.795	39.672	39.549	39.427	39.351	39.304
125	60.866	60.734	60.592	60.460	60.272	60.092	59.904	59.725	59.593	59.527
130	89.139	88.979	88.819	88.659	88.395	88.131	87.857	87.593	87.405	87.292
135	128.189	128.095	127.991	127.897	127.529	127.161	126.794	126.426	126.162	126.002
140	212.294	211.351	210.399	209.456	207.646	205.836	204.035	202.225	200.962	200.245
145	561.724	559.433	557.152	554.861	554.333	553.805	553.277	552.749	552.344	552.070
150	1149.026	1148.300	1147.583	1146.858	1150.619	1154.371	1158.133	1161.895	1164.431	1165.741

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-N-XX\_.IES****CANDELA TABULATION - (Cont.)**

<b>155</b>	1535.158	1534.687	1534.225	1533.754	1534.055	1534.347	1534.649	1534.941	1535.667	1536.827
<b>160</b>	1943.257	1941.032	1938.817	1936.592	1934.838	1933.094	1931.341	1929.596	1928.578	1928.295
<b>165</b>	2781.064	2776.208	2771.344	2766.479	2762.783	2759.088	2755.392	2751.696	2749.716	2749.462
<b>170</b>	4445.033	4438.547	4432.051	4425.565	4419.984	4414.403	4408.821	4403.240	4399.799	4398.507
<b>175</b>	6637.259	6637.146	6637.042	6636.938	6635.844	6634.760	6633.667	6632.573	6632.187	6632.516
<b>180</b>	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415	7703.415

**Vert. Angles**      **Horizontal Angles**

	<b><u>350</u></b>	<b><u>355</u></b>	<b><u>360</u></b>
<b>0</b>	7703.726	7703.726	7703.726
<b>5</b>	6632.837	6633.158	6633.478
<b>10</b>	4397.216	4395.915	4394.623
<b>15</b>	2749.198	2748.943	2748.679
<b>20</b>	1928.022	1927.739	1927.456
<b>25</b>	1537.977	1539.137	1540.287
<b>30</b>	1167.061	1168.372	1169.692
<b>35</b>	551.797	551.514	551.241
<b>40</b>	199.519	198.803	198.086
<b>45</b>	125.842	125.681	125.521
<b>50</b>	87.169	87.056	86.943
<b>55</b>	59.461	59.395	59.329
<b>60</b>	39.257	39.210	39.163
<b>65</b>	26.275	26.256	26.247
<b>70</b>	17.564	17.554	17.554
<b>75</b>	10.983	10.983	10.993
<b>80</b>	5.336	5.336	5.336
<b>85</b>	1.150	1.150	1.150
<b>90</b>	0.415	0.415	0.415
<b>95</b>	1.150	1.150	1.150
<b>100</b>	5.336	5.336	5.336
<b>105</b>	10.983	10.983	10.993
<b>110</b>	17.564	17.554	17.554
<b>115</b>	26.275	26.256	26.247
<b>120</b>	39.257	39.210	39.163
<b>125</b>	59.461	59.395	59.329
<b>130</b>	87.169	87.056	86.943
<b>135</b>	125.842	125.681	125.521
<b>140</b>	199.519	198.803	198.086
<b>145</b>	551.797	551.514	551.241
<b>150</b>	1167.061	1168.372	1169.692
<b>155</b>	1537.977	1539.137	1540.287
<b>160</b>	1928.022	1927.739	1927.456
<b>165</b>	2749.198	2748.943	2748.679
<b>170</b>	4397.216	4395.915	4394.623
<b>175</b>	6632.837	6633.158	6633.478
<b>180</b>	7703.415	7703.415	7703.415



COEFFICIENTS OF UTILIZATION



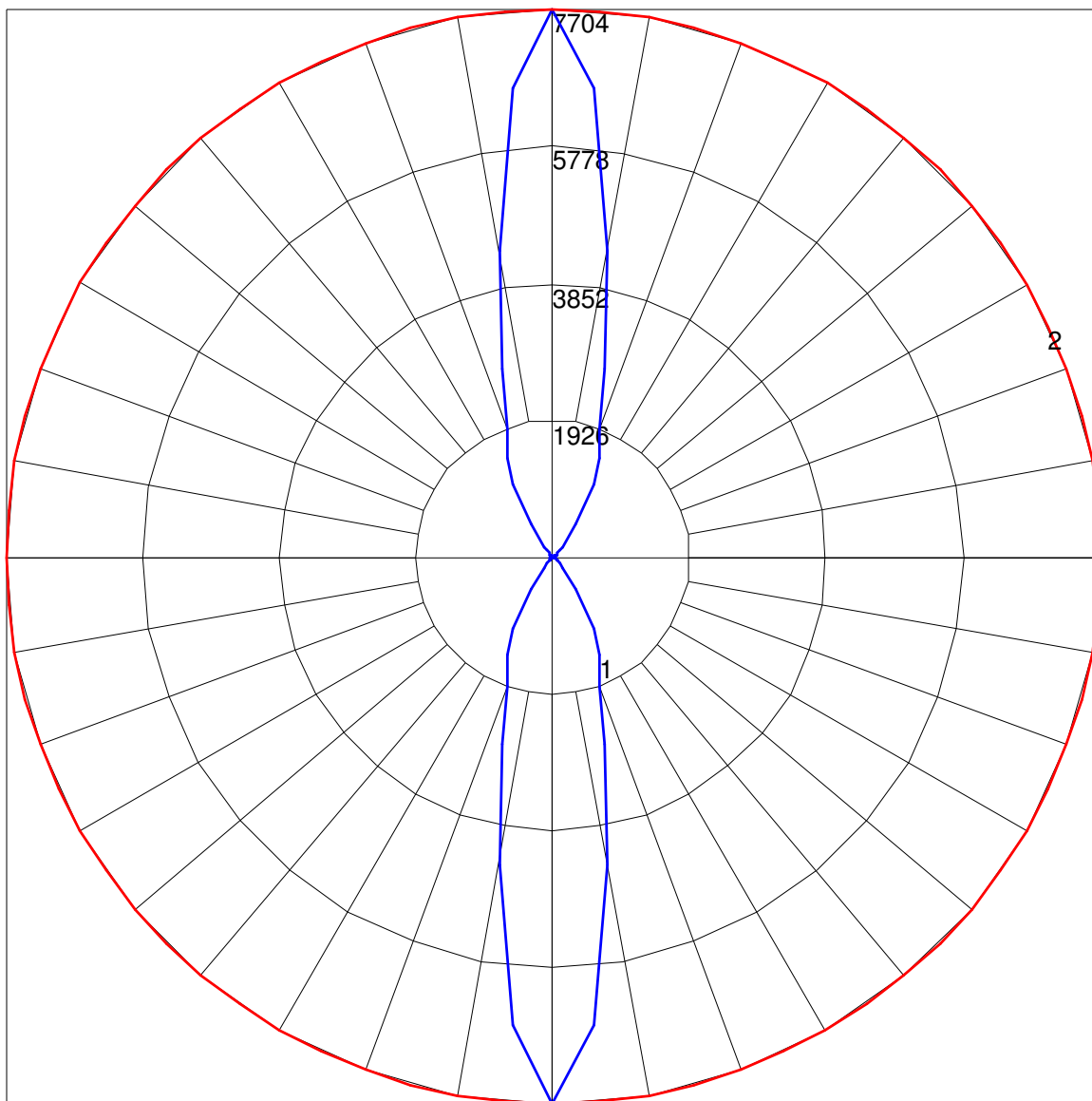
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1335.1	25.0
Downward House Side	1335.1	25.0
Downward Total	2670.2	50.0
Upward Street Side	1335.1	25.0
Upward House Side	1335.1	25.0
Upward Total	2670.2	50.0
Total Flux	5340.4	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH



Maximum Candela = 7703.726 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

