

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-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-L10-930U-L10-930D-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	2029
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9379.775
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9379.775
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.134 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.6 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	450.1	N.A.	22.2
FM - Front-Medium (30-60)	52.2	N.A.	2.6
FH - Front-High (60-80)	4.6	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	450.1	N.A.	22.2
BM - Back-Medium (30-60)	52.2	N.A.	2.6
BH - Back-High (60-80)	4.6	N.A.	0.2
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.6	N.A.	0.0
UH - Uplight-High (100-180)	1013.9	N.A.	50.0
Total	2028.9	N.A.	100.0
BUG Rating	B1-U5-G0		

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## CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6349.465	6351.935	6354.406	6356.874	6359.345	6363.221	6368.506	6373.788	6379.072	6384.354
10	1902.810	1906.616	1910.422	1914.229	1918.035	1929.698	1949.219	1968.740	1988.258	2007.779
15	626.778	627.628	628.475	629.325	630.172	634.085	641.063	648.039	655.017	661.993
20	409.567	409.370	409.173	408.976	408.778	409.361	410.730	412.096	413.465	414.831
25	365.766	365.499	365.229	364.962	364.691	364.588	364.649	364.713	364.773	364.834
30	290.827	290.426	290.025	289.622	289.221	288.553	287.621	286.689	285.757	284.826
35	117.378	117.645	117.912	118.176	118.443	118.559	118.519	118.480	118.440	118.401
40	21.221	21.449	21.676	21.904	22.131	22.411	22.748	23.085	23.422	23.758
45	12.181	12.187	12.193	12.203	12.209	12.215	12.218	12.224	12.227	12.233
50	11.280	11.262	11.243	11.228	11.210	11.186	11.155	11.125	11.095	11.064
55	10.894	10.855	10.815	10.776	10.736	10.685	10.627	10.566	10.509	10.448
60	8.830	8.812	8.794	8.772	8.754	8.718	8.663	8.606	8.551	8.496
65	6.174	6.159	6.144	6.129	6.113	6.104	6.101	6.098	6.095	6.092
70	4.244	4.244	4.241	4.241	4.237	4.237	4.241	4.241	4.244	4.244
75	2.908	2.905	2.899	2.896	2.893	2.890	2.890	2.887	2.887	2.887
80	1.588	1.588	1.588	1.585	1.585	1.585	1.585	1.588	1.588	1.588
85	0.334	0.334	0.334	0.328	0.328	0.328	0.328	0.325	0.325	0.325
90	0.121	0.121	0.121	0.127	0.127	0.127	0.127	0.134	0.134	0.134
95	0.334	0.334	0.334	0.328	0.328	0.328	0.328	0.325	0.325	0.325
100	1.588	1.588	1.588	1.585	1.585	1.585	1.585	1.588	1.588	1.588
105	2.908	2.905	2.899	2.896	2.893	2.890	2.890	2.887	2.887	2.887
110	4.244	4.244	4.241	4.241	4.237	4.237	4.241	4.241	4.244	4.244
115	6.174	6.159	6.144	6.129	6.113	6.104	6.101	6.098	6.095	6.092
120	8.830	8.812	8.794	8.772	8.754	8.718	8.663	8.606	8.551	8.496
125	10.894	10.855	10.815	10.776	10.736	10.685	10.627	10.566	10.509	10.448
130	11.280	11.262	11.243	11.228	11.210	11.186	11.155	11.125	11.095	11.064
135	12.181	12.187	12.193	12.203	12.209	12.215	12.218	12.224	12.227	12.233
140	21.221	21.449	21.676	21.904	22.131	22.411	22.748	23.085	23.422	23.758
145	117.378	117.645	117.912	118.176	118.443	118.559	118.519	118.480	118.440	118.401
150	290.827	290.426	290.025	289.622	289.221	288.553	287.621	286.689	285.757	284.826
155	365.766	365.499	365.229	364.962	364.691	364.588	364.649	364.713	364.773	364.834
160	409.567	409.370	409.173	408.976	408.778	409.361	410.730	412.096	413.465	414.831
165	626.778	627.628	628.475	629.325	630.172	634.085	641.063	648.039	655.017	661.993
170	1902.810	1906.616	1910.422	1914.229	1918.035	1929.698	1949.219	1968.740	1988.258	2007.779
175	6349.471	6351.941	6354.412	6356.880	6359.351	6363.227	6368.512	6373.794	6379.078	6384.360
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6400.333	6416.314	6432.293	6448.275	6456.771	6457.782	6458.792	6459.803	6460.814	6459.803
10	2023.177	2038.576	2053.975	2069.374	2080.912	2088.582	2096.253	2103.923	2111.594	2103.923
15	664.888	667.784	670.680	673.576	677.713	683.089	688.465	693.844	699.219	693.844
20	416.157	417.487	418.813	420.140	421.275	422.216	423.154	424.095	425.036	424.095
25	365.122	365.411	365.699	365.987	366.504	367.244	367.985	368.725	369.466	368.725
30	285.087	285.345	285.606	285.864	286.295	286.899	287.503	288.107	288.711	288.107
35	119.345	120.286	121.230	122.174	122.684	122.766	122.848	122.927	123.009	122.927
40	24.217	24.675	25.134	25.592	25.807	25.780	25.756	25.728	25.704	25.728
45	12.227	12.224	12.218	12.215	12.218	12.230	12.245	12.257	12.269	12.257
50	11.049	11.034	11.019	11.004	10.994	10.985	10.976	10.970	10.961	10.970
55	10.418	10.384	10.354	10.321	10.302	10.293	10.287	10.278	10.272	10.278

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## CANDELA TABULATION - (Cont.)

60	8.481	8.466	8.451	8.436	8.442	8.469	8.496	8.524	8.551	8.524
65	6.086	6.080	6.074	6.068	6.071	6.080	6.089	6.101	6.110	6.101
70	4.241	4.237	4.234	4.231	4.231	4.234	4.237	4.241	4.244	4.241
75	2.881	2.878	2.872	2.869	2.865	2.869	2.872	2.872	2.875	2.872
80	1.588	1.591	1.588	1.591	1.591	1.594	1.597	1.597	1.600	1.597
85	0.325	0.325	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
90	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
95	0.325	0.325	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
100	1.588	1.591	1.588	1.591	1.591	1.594	1.597	1.597	1.600	1.597
105	2.881	2.878	2.872	2.869	2.865	2.869	2.872	2.872	2.875	2.872
110	4.241	4.237	4.234	4.231	4.231	4.234	4.237	4.241	4.244	4.241
115	6.086	6.080	6.074	6.068	6.071	6.080	6.089	6.101	6.110	6.101
120	8.481	8.466	8.451	8.436	8.442	8.469	8.496	8.524	8.551	8.524
125	10.418	10.384	10.354	10.321	10.302	10.293	10.287	10.278	10.272	10.278
130	11.049	11.034	11.019	11.004	10.994	10.985	10.976	10.970	10.961	10.970
135	12.227	12.224	12.218	12.215	12.218	12.230	12.245	12.257	12.269	12.257
140	24.217	24.675	25.134	25.592	25.807	25.780	25.756	25.728	25.704	25.728
145	119.345	120.286	121.230	122.174	122.684	122.766	122.848	122.927	123.009	122.927
150	285.087	285.345	285.606	285.864	286.295	286.899	287.503	288.107	288.711	288.107
155	365.122	365.411	365.699	365.987	366.504	367.244	367.985	368.725	369.466	368.725
160	416.157	417.487	418.813	420.140	421.275	422.216	423.154	424.095	425.036	424.095
165	664.888	667.784	670.680	673.576	677.713	683.089	688.465	693.844	699.219	693.844
170	2023.177	2038.576	2053.975	2069.374	2080.912	2088.582	2096.253	2103.923	2111.594	2103.923
175	6400.339	6416.320	6432.299	6448.281	6456.774	6457.788	6458.798	6459.809	6460.820	6459.809
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

## 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	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6458.792	6457.782	6456.771	6448.275	6432.293	6416.314	6400.333	6384.354	6379.072	6373.788
10	2096.253	2088.582	2080.912	2069.374	2053.975	2038.576	2023.177	2007.779	1988.258	1968.740
15	688.465	683.089	677.713	673.576	670.680	667.784	664.888	661.993	655.017	648.039
20	423.154	422.216	421.275	420.140	418.813	417.487	416.157	414.831	413.465	412.096
25	367.985	367.244	366.504	365.987	365.699	365.411	365.122	364.834	364.773	364.713
30	287.503	286.899	286.295	285.864	285.606	285.345	285.087	284.826	285.757	286.689
35	122.848	122.766	122.684	122.174	121.230	120.286	119.345	118.401	118.440	118.480
40	25.756	25.780	25.807	25.592	25.134	24.675	24.217	23.758	23.422	23.085
45	12.245	12.230	12.218	12.215	12.218	12.224	12.227	12.233	12.227	12.224
50	10.976	10.985	10.994	11.004	11.019	11.034	11.049	11.064	11.095	11.125
55	10.287	10.293	10.302	10.321	10.354	10.384	10.418	10.448	10.509	10.566
60	8.496	8.469	8.442	8.436	8.451	8.466	8.481	8.496	8.551	8.606
65	6.089	6.080	6.071	6.068	6.074	6.080	6.086	6.092	6.095	6.098
70	4.237	4.234	4.231	4.231	4.234	4.237	4.241	4.244	4.244	4.241
75	2.872	2.869	2.865	2.869	2.872	2.878	2.881	2.887	2.887	2.887
80	1.597	1.594	1.591	1.591	1.588	1.591	1.588	1.588	1.588	1.588
85	0.322	0.322	0.322	0.322	0.322	0.325	0.325	0.325	0.325	0.325
90	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
95	0.322	0.322	0.322	0.322	0.322	0.325	0.325	0.325	0.325	0.325
100	1.597	1.594	1.591	1.591	1.588	1.591	1.588	1.588	1.588	1.588
105	2.872	2.869	2.865	2.869	2.872	2.878	2.881	2.887	2.887	2.887
110	4.237	4.234	4.231	4.231	4.234	4.237	4.241	4.244	4.244	4.241
115	6.089	6.080	6.071	6.068	6.074	6.080	6.086	6.092	6.095	6.098
120	8.496	8.469	8.442	8.436	8.451	8.466	8.481	8.496	8.551	8.606
125	10.287	10.293	10.302	10.321	10.354	10.384	10.418	10.448	10.509	10.566
130	10.976	10.985	10.994	11.004	11.019	11.034	11.049	11.064	11.095	11.125

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## CANDELA TABULATION - (Cont.)

135	12.245	12.230	12.218	12.215	12.218	12.224	12.227	12.233	12.227	12.224
140	25.756	25.780	25.807	25.592	25.134	24.675	24.217	23.758	23.422	23.085
145	122.848	122.766	122.684	122.174	121.230	120.286	119.345	118.401	118.440	118.480
150	287.503	286.899	286.295	285.864	285.606	285.345	285.087	284.826	285.757	286.689
155	367.985	367.244	366.504	365.987	365.699	365.411	365.122	364.834	364.773	364.713
160	423.154	422.216	421.275	420.140	418.813	417.487	416.157	414.831	413.465	412.096
165	688.465	683.089	677.713	673.576	670.680	667.784	664.888	661.993	655.017	648.039
170	2096.253	2088.582	2080.912	2069.374	2053.975	2038.576	2023.177	2007.779	1988.258	1968.740
175	6458.798	6457.785	6456.774	6448.281	6432.299	6416.320	6400.339	6384.360	6379.075	6373.794
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

## 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	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6368.506	6363.221	6359.345	6356.874	6354.406	6351.935	6349.465	6351.935	6354.406	6356.874
10	1949.219	1929.698	1918.035	1914.229	1910.422	1906.616	1902.810	1906.616	1910.422	1914.229
15	641.063	634.085	630.172	629.325	628.475	627.628	626.778	627.628	628.475	629.325
20	410.730	409.361	408.778	408.976	409.173	409.370	409.567	409.370	409.173	408.976
25	364.649	364.588	364.691	364.962	365.229	365.499	365.766	365.499	365.229	364.962
30	287.621	288.553	289.221	289.622	290.025	290.426	290.827	290.426	290.025	289.622
35	118.519	118.559	118.443	118.176	117.912	117.645	117.378	117.645	117.912	118.176
40	22.748	22.411	22.131	21.904	21.676	21.449	21.221	21.449	21.676	21.904
45	12.218	12.215	12.209	12.203	12.193	12.187	12.181	12.187	12.193	12.203
50	11.155	11.186	11.210	11.228	11.243	11.262	11.280	11.262	11.243	11.228
55	10.627	10.685	10.736	10.776	10.815	10.855	10.894	10.855	10.815	10.776
60	8.663	8.718	8.754	8.772	8.794	8.812	8.830	8.812	8.794	8.772
65	6.101	6.104	6.113	6.129	6.144	6.159	6.174	6.159	6.144	6.129
70	4.241	4.237	4.237	4.241	4.241	4.244	4.244	4.244	4.241	4.241
75	2.890	2.890	2.893	2.896	2.899	2.905	2.908	2.905	2.899	2.896
80	1.585	1.585	1.585	1.585	1.588	1.588	1.588	1.588	1.588	1.585
85	0.328	0.328	0.328	0.328	0.334	0.334	0.334	0.334	0.334	0.328
90	0.127	0.127	0.127	0.127	0.121	0.121	0.121	0.121	0.121	0.127
95	0.328	0.328	0.328	0.328	0.334	0.334	0.334	0.334	0.334	0.328
100	1.585	1.585	1.585	1.585	1.588	1.588	1.588	1.588	1.588	1.585
105	2.890	2.890	2.893	2.896	2.899	2.905	2.908	2.905	2.899	2.896
110	4.241	4.237	4.237	4.241	4.241	4.244	4.244	4.244	4.241	4.241
115	6.101	6.104	6.113	6.129	6.144	6.159	6.174	6.159	6.144	6.129
120	8.663	8.718	8.754	8.772	8.794	8.812	8.830	8.812	8.794	8.772
125	10.627	10.685	10.736	10.776	10.815	10.855	10.894	10.855	10.815	10.776
130	11.155	11.186	11.210	11.228	11.243	11.262	11.280	11.262	11.243	11.228
135	12.218	12.215	12.209	12.203	12.193	12.187	12.181	12.187	12.193	12.203
140	22.748	22.411	22.131	21.904	21.676	21.449	21.221	21.449	21.676	21.904
145	118.519	118.559	118.443	118.176	117.912	117.645	117.378	117.645	117.912	118.176
150	287.621	288.553	289.221	289.622	290.025	290.426	290.827	290.426	290.025	289.622
155	364.649	364.588	364.691	364.962	365.229	365.499	365.766	365.499	365.229	364.962
160	410.730	409.361	408.778	408.976	409.173	409.370	409.567	409.370	409.173	408.976
165	641.063	634.085	630.172	629.325	628.475	627.628	626.778	627.628	628.475	629.325
170	1949.219	1929.698	1918.035	1914.229	1910.422	1906.616	1902.810	1906.616	1910.422	1914.229
175	6368.512	6363.227	6359.351	6356.880	6354.409	6351.941	6349.471	6351.941	6354.409	6356.880
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

## 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	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES

## CANDELA TABULATION - (Cont.)

5	6359.345	6363.221	6368.506	6373.788	6379.072	6384.354	6400.333	6416.314	6432.293	6448.275
10	1918.035	1929.698	1949.219	1968.740	1988.258	2007.779	2023.177	2038.576	2053.975	2069.374
15	630.172	634.085	641.063	648.039	655.017	661.993	664.888	667.784	670.680	673.576
20	408.778	409.361	410.730	412.096	413.465	414.831	416.157	417.487	418.813	420.140
25	364.691	364.588	364.649	364.713	364.773	364.834	365.122	365.411	365.699	365.987
30	289.221	288.553	287.621	286.689	285.757	284.826	285.087	285.345	285.606	285.864
35	118.443	118.559	118.519	118.480	118.440	118.401	119.345	120.286	121.230	122.174
40	22.131	22.411	22.748	23.085	23.422	23.758	24.217	24.675	25.134	25.592
45	12.209	12.215	12.218	12.224	12.227	12.233	12.227	12.224	12.218	12.215
50	11.210	11.186	11.155	11.125	11.095	11.064	11.049	11.034	11.019	11.004
55	10.736	10.685	10.627	10.566	10.509	10.448	10.418	10.384	10.354	10.321
60	8.754	8.718	8.663	8.606	8.551	8.496	8.481	8.466	8.451	8.436
65	6.113	6.104	6.101	6.098	6.095	6.092	6.086	6.080	6.074	6.068
70	4.237	4.237	4.241	4.241	4.244	4.244	4.241	4.237	4.234	4.231
75	2.893	2.890	2.890	2.887	2.887	2.887	2.881	2.878	2.872	2.869
80	1.585	1.585	1.585	1.588	1.588	1.588	1.588	1.591	1.588	1.591
85	0.328	0.328	0.328	0.325	0.325	0.325	0.325	0.325	0.322	0.322
90	0.127	0.127	0.127	0.134	0.134	0.134	0.134	0.134	0.134	0.134
95	0.328	0.328	0.328	0.325	0.325	0.325	0.325	0.325	0.322	0.322
100	1.585	1.585	1.585	1.588	1.588	1.588	1.588	1.591	1.588	1.591
105	2.893	2.890	2.890	2.887	2.887	2.887	2.881	2.878	2.872	2.869
110	4.237	4.237	4.241	4.241	4.244	4.244	4.241	4.237	4.234	4.231
115	6.113	6.104	6.101	6.098	6.095	6.092	6.086	6.080	6.074	6.068
120	8.754	8.718	8.663	8.606	8.551	8.496	8.481	8.466	8.451	8.436
125	10.736	10.685	10.627	10.566	10.509	10.448	10.418	10.384	10.354	10.321
130	11.210	11.186	11.155	11.125	11.095	11.064	11.049	11.034	11.019	11.004
135	12.209	12.215	12.218	12.224	12.227	12.233	12.227	12.224	12.218	12.215
140	22.131	22.411	22.748	23.085	23.422	23.758	24.217	24.675	25.134	25.592
145	118.443	118.559	118.519	118.480	118.440	118.401	119.345	120.286	121.230	122.174
150	289.221	288.553	287.621	286.689	285.757	284.826	285.087	285.345	285.606	285.864
155	364.691	364.588	364.649	364.713	364.773	364.834	365.122	365.411	365.699	365.987
160	408.778	409.361	410.730	412.096	413.465	414.831	416.157	417.487	418.813	420.140
165	630.172	634.085	641.063	648.039	655.017	661.993	664.888	667.784	670.680	673.576
170	1918.035	1929.698	1949.219	1968.740	1988.258	2007.779	2023.177	2038.576	2053.975	2069.374
175	6359.351	6363.227	6368.512	6373.794	6379.075	6384.360	6400.339	6416.320	6432.299	6448.281
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

## 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	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6456.771	6457.782	6458.792	6459.803	6460.814	6459.803	6458.792	6457.782	6456.771	6448.275
10	2080.912	2088.582	2096.253	2103.923	2111.594	2103.923	2096.253	2088.582	2080.912	2069.374
15	677.713	683.089	688.465	693.844	699.219	693.844	688.465	683.089	677.713	673.576
20	421.275	422.216	423.154	424.095	425.036	424.095	423.154	422.216	421.275	420.140
25	366.504	367.244	367.985	368.725	369.466	368.725	367.985	367.244	366.504	365.987
30	286.295	286.899	287.503	288.107	288.711	288.107	287.503	286.899	286.295	285.864
35	122.684	122.766	122.848	122.927	123.009	122.927	122.848	122.766	122.684	122.174
40	25.807	25.780	25.756	25.728	25.704	25.728	25.756	25.780	25.807	25.592
45	12.218	12.230	12.245	12.257	12.269	12.257	12.245	12.230	12.218	12.215
50	10.994	10.985	10.976	10.970	10.961	10.970	10.976	10.985	10.994	11.004
55	10.302	10.293	10.287	10.278	10.272	10.278	10.287	10.293	10.302	10.321
60	8.442	8.469	8.496	8.524	8.551	8.524	8.496	8.469	8.442	8.436
65	6.071	6.080	6.089	6.101	6.110	6.101	6.089	6.080	6.071	6.068
70	4.231	4.234	4.237	4.241	4.244	4.241	4.237	4.234	4.231	4.231
75	2.865	2.869	2.872	2.872	2.875	2.872	2.872	2.869	2.865	2.869

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES

## CANDELA TABULATION - (Cont.)

80	1.591	1.594	1.597	1.597	1.600	1.597	1.597	1.594	1.591	1.591
85	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
90	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
95	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322	0.322
100	1.591	1.594	1.597	1.597	1.600	1.597	1.597	1.594	1.591	1.591
105	2.865	2.869	2.872	2.872	2.875	2.872	2.872	2.869	2.865	2.869
110	4.231	4.234	4.237	4.241	4.244	4.241	4.237	4.234	4.231	4.231
115	6.071	6.080	6.089	6.101	6.110	6.101	6.089	6.080	6.071	6.068
120	8.442	8.469	8.496	8.524	8.551	8.524	8.496	8.469	8.442	8.436
125	10.302	10.293	10.287	10.278	10.272	10.278	10.287	10.293	10.302	10.321
130	10.994	10.985	10.976	10.970	10.961	10.970	10.976	10.985	10.994	11.004
135	12.218	12.230	12.245	12.257	12.269	12.257	12.245	12.230	12.218	12.215
140	25.807	25.780	25.756	25.728	25.704	25.728	25.756	25.780	25.807	25.592
145	122.684	122.766	122.848	122.927	123.009	122.927	122.848	122.766	122.684	122.174
150	286.295	286.899	287.503	288.107	288.711	288.107	287.503	286.899	286.295	285.864
155	366.504	367.244	367.985	368.725	369.466	368.725	367.985	367.244	366.504	365.987
160	421.275	422.216	423.154	424.095	425.036	424.095	423.154	422.216	421.275	420.140
165	677.713	683.089	688.465	693.844	699.219	693.844	688.465	683.089	677.713	673.576
170	2080.912	2088.582	2096.253	2103.923	2111.594	2103.923	2096.253	2088.582	2080.912	2069.374
175	6456.774	6457.785	6458.798	6459.809	6460.820	6459.809	6458.798	6457.788	6456.774	6448.281
180	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

## 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	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775	9379.775
5	6432.293	6416.314	6400.333	6384.354	6379.072	6373.788	6368.506	6363.221	6359.345	6356.874
10	2053.975	2038.576	2023.177	2007.779	1988.258	1968.740	1949.219	1929.698	1918.035	1914.229
15	670.680	667.784	664.888	661.993	655.017	648.039	641.063	634.085	630.172	629.325
20	418.813	417.487	416.157	414.831	413.465	412.096	410.730	409.361	408.778	408.976
25	365.699	365.411	365.122	364.834	364.773	364.713	364.649	364.588	364.691	364.962
30	285.606	285.345	285.087	284.826	285.757	286.689	287.621	288.553	289.221	289.622
35	121.230	120.286	119.345	118.401	118.440	118.480	118.519	118.559	118.443	118.176
40	25.134	24.675	24.217	23.758	23.422	23.085	22.748	22.411	22.131	21.904
45	12.218	12.224	12.227	12.233	12.227	12.224	12.218	12.215	12.209	12.203
50	11.019	11.034	11.049	11.064	11.095	11.125	11.155	11.186	11.210	11.228
55	10.354	10.384	10.418	10.448	10.509	10.566	10.627	10.685	10.736	10.776
60	8.451	8.466	8.481	8.496	8.551	8.606	8.663	8.718	8.754	8.772
65	6.074	6.080	6.086	6.092	6.095	6.098	6.101	6.104	6.113	6.129
70	4.234	4.237	4.241	4.244	4.244	4.241	4.241	4.237	4.237	4.241
75	2.872	2.878	2.881	2.887	2.887	2.887	2.890	2.890	2.893	2.896
80	1.588	1.591	1.588	1.588	1.588	1.588	1.585	1.585	1.585	1.585
85	0.322	0.325	0.325	0.325	0.325	0.325	0.328	0.328	0.328	0.328
90	0.134	0.134	0.134	0.134	0.134	0.134	0.127	0.127	0.127	0.127
95	0.322	0.325	0.325	0.325	0.325	0.325	0.328	0.328	0.328	0.328
100	1.588	1.591	1.588	1.588	1.588	1.588	1.585	1.585	1.585	1.585
105	2.872	2.878	2.881	2.887	2.887	2.887	2.890	2.890	2.893	2.896
110	4.234	4.237	4.241	4.244	4.244	4.241	4.241	4.237	4.237	4.241
115	6.074	6.080	6.086	6.092	6.095	6.098	6.101	6.104	6.113	6.129
120	8.451	8.466	8.481	8.496	8.551	8.606	8.663	8.718	8.754	8.772
125	10.354	10.384	10.418	10.448	10.509	10.566	10.627	10.685	10.736	10.776
130	11.019	11.034	11.049	11.064	11.095	11.125	11.155	11.186	11.210	11.228
135	12.218	12.224	12.227	12.233	12.227	12.224	12.218	12.215	12.209	12.203
140	25.134	24.675	24.217	23.758	23.422	23.085	22.748	22.411	22.131	21.904
145	121.230	120.286	119.345	118.401	118.440	118.480	118.519	118.559	118.443	118.176
150	285.606	285.345	285.087	284.826	285.757	286.689	287.621	288.553	289.221	289.622

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

<b>155</b>	365.699	365.411	365.122	364.834	364.773	364.713	364.649	364.588	364.691	364.962
<b>160</b>	418.813	417.487	416.157	414.831	413.465	412.096	410.730	409.361	408.778	408.976
<b>165</b>	670.680	667.784	664.888	661.993	655.017	648.039	641.063	634.085	630.172	629.325
<b>170</b>	2053.975	2038.576	2023.177	2007.779	1988.258	1968.740	1949.219	1929.698	1918.035	1914.229
<b>175</b>	6432.299	6416.320	6400.339	6384.360	6379.078	6373.794	6368.512	6363.227	6359.351	6356.880
<b>180</b>	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547	9379.547

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

	<b><u>350</u></b>	<b><u>355</u></b>	<b><u>360</u></b>
<b>0</b>	9379.775	9379.775	9379.775
<b>5</b>	6354.406	6351.935	6349.465
<b>10</b>	1910.422	1906.616	1902.810
<b>15</b>	628.475	627.628	626.778
<b>20</b>	409.173	409.370	409.567
<b>25</b>	365.229	365.499	365.766
<b>30</b>	290.025	290.426	290.827
<b>35</b>	117.912	117.645	117.378
<b>40</b>	21.676	21.449	21.221
<b>45</b>	12.193	12.187	12.181
<b>50</b>	11.243	11.262	11.280
<b>55</b>	10.815	10.855	10.894
<b>60</b>	8.794	8.812	8.830
<b>65</b>	6.144	6.159	6.174
<b>70</b>	4.241	4.244	4.244
<b>75</b>	2.899	2.905	2.908
<b>80</b>	1.588	1.588	1.588
<b>85</b>	0.334	0.334	0.334
<b>90</b>	0.121	0.121	0.121
<b>95</b>	0.334	0.334	0.334
<b>100</b>	1.588	1.588	1.588
<b>105</b>	2.899	2.905	2.908
<b>110</b>	4.241	4.244	4.244
<b>115</b>	6.144	6.159	6.174
<b>120</b>	8.794	8.812	8.830
<b>125</b>	10.815	10.855	10.894
<b>130</b>	11.243	11.262	11.280
<b>135</b>	12.193	12.187	12.181
<b>140</b>	21.676	21.449	21.221
<b>145</b>	117.912	117.645	117.378
<b>150</b>	290.025	290.426	290.827
<b>155</b>	365.229	365.499	365.766
<b>160</b>	409.173	409.370	409.567
<b>165</b>	628.475	627.628	626.778
<b>170</b>	1910.422	1906.616	1902.810
<b>175</b>	6354.412	6351.941	6349.471
<b>180</b>	9379.547	9379.547	9379.547



COEFFICIENTS OF UTILIZATION



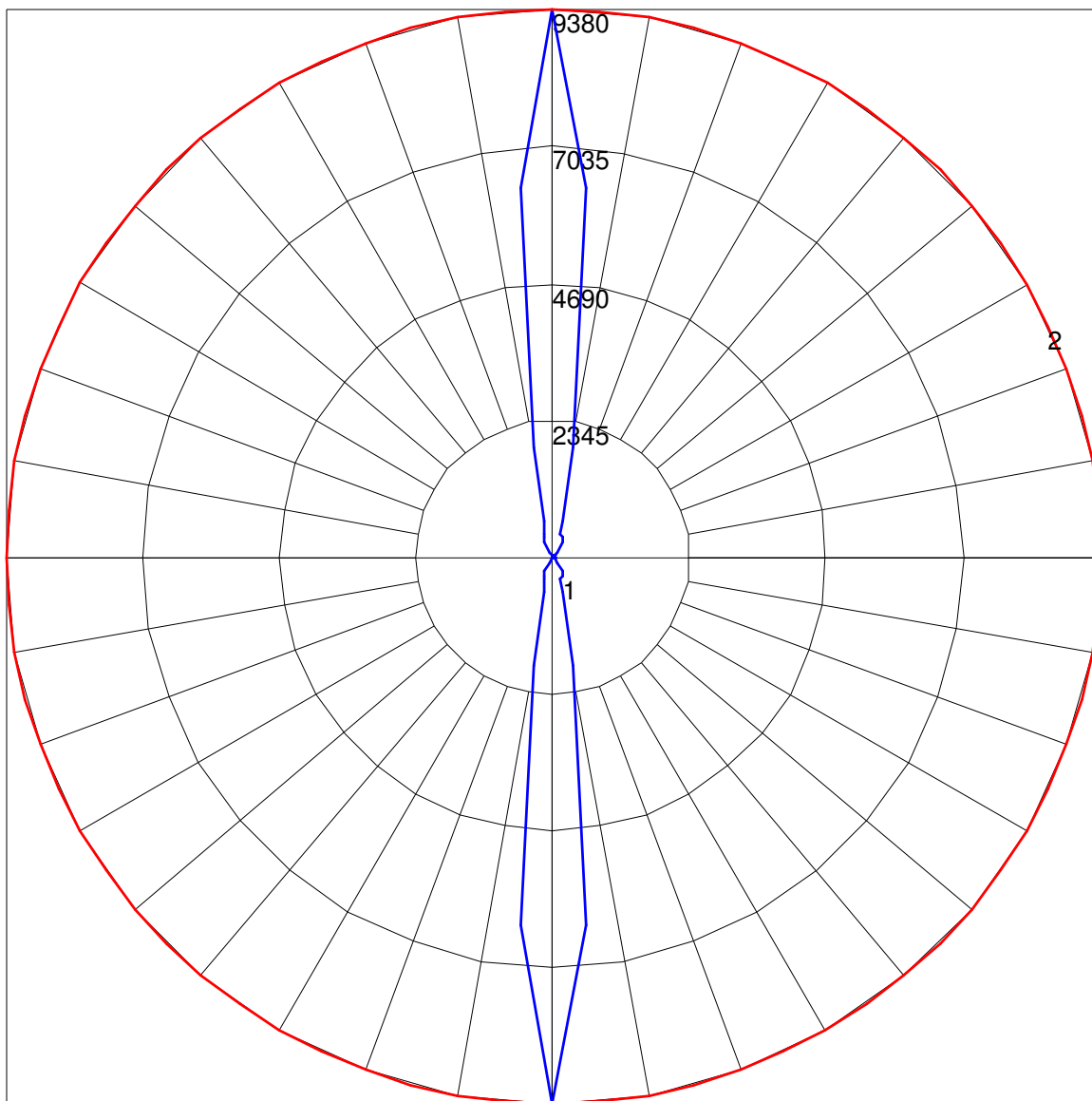
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	507.3	25.0
Downward House Side	507.3	25.0
Downward Total	1014.6	50.0
Upward Street Side	507.3	25.0
Upward House Side	507.3	25.0
Upward Total	1014.6	50.0
Total Flux	2029.2	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES

## POLAR GRAPH



Maximum Candela = 9379.775 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.)

**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-S-XX.IES**

House Side

Street Side

Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

