

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-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-L10-940U-L10-940D-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	2072
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9577.245
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9577.245
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.136 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.633 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	459.6	N.A.	22.2
FM - Front-Medium (30-60)	53.3	N.A.	2.6
FH - Front-High (60-80)	4.7	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	459.6	N.A.	22.2
BM - Back-Medium (30-60)	53.3	N.A.	2.6
BH - Back-High (60-80)	4.7	N.A.	0.2
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	1035.2	N.A.	50.0
Total	2071.7	N.A.	100.0
BUG Rating	B1-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6483.139	6485.662	6488.184	6490.704	6493.227	6497.185	6502.581	6507.974	6513.370	6518.763
10	1942.869	1946.756	1950.642	1954.529	1958.415	1970.323	1990.255	2010.187	2030.116	2050.048
15	639.974	640.842	641.706	642.574	643.439	647.434	654.559	661.682	668.807	675.929
20	418.190	417.989	417.787	417.586	417.384	417.979	419.377	420.772	422.170	423.564
25	373.466	373.194	372.918	372.645	372.369	372.264	372.326	372.391	372.453	372.515
30	296.949	296.540	296.131	295.719	295.310	294.628	293.676	292.725	291.773	290.822
35	119.849	120.122	120.395	120.664	120.937	121.055	121.014	120.974	120.934	120.894
40	21.668	21.900	22.133	22.365	22.597	22.883	23.227	23.571	23.915	24.259
45	12.438	12.444	12.450	12.459	12.466	12.472	12.475	12.481	12.484	12.490
50	11.517	11.499	11.480	11.465	11.446	11.421	11.390	11.359	11.328	11.297
55	11.124	11.083	11.043	11.003	10.962	10.910	10.851	10.789	10.730	10.668
60	9.016	8.997	8.979	8.957	8.939	8.901	8.846	8.787	8.731	8.675
65	6.304	6.289	6.273	6.258	6.242	6.233	6.230	6.227	6.224	6.220
70	4.333	4.333	4.330	4.330	4.327	4.327	4.330	4.330	4.333	4.333
75	2.969	2.966	2.960	2.957	2.954	2.951	2.951	2.947	2.947	2.947
80	1.621	1.621	1.621	1.618	1.618	1.618	1.618	1.621	1.621	1.621
85	0.341	0.341	0.341	0.335	0.335	0.335	0.335	0.332	0.332	0.332
90	0.124	0.124	0.124	0.130	0.130	0.130	0.130	0.136	0.136	0.136
95	0.341	0.341	0.341	0.335	0.335	0.335	0.335	0.332	0.332	0.332
100	1.621	1.621	1.621	1.618	1.618	1.618	1.618	1.621	1.621	1.621
105	2.969	2.966	2.960	2.957	2.954	2.951	2.951	2.947	2.947	2.947
110	4.333	4.333	4.330	4.330	4.327	4.327	4.330	4.330	4.333	4.333
115	6.304	6.289	6.273	6.258	6.242	6.233	6.230	6.227	6.224	6.220
120	9.016	8.997	8.979	8.957	8.939	8.901	8.846	8.787	8.731	8.675
125	11.124	11.083	11.043	11.003	10.962	10.910	10.851	10.789	10.730	10.668
130	11.517	11.499	11.480	11.465	11.446	11.421	11.390	11.359	11.328	11.297
135	12.438	12.444	12.450	12.459	12.466	12.472	12.475	12.481	12.484	12.490
140	21.668	21.900	22.133	22.365	22.597	22.883	23.227	23.571	23.915	24.259
145	119.849	120.122	120.395	120.664	120.937	121.055	121.014	120.974	120.934	120.894
150	296.949	296.540	296.131	295.719	295.310	294.628	293.676	292.725	291.773	290.822
155	373.466	373.194	372.918	372.645	372.369	372.264	372.326	372.391	372.453	372.515
160	418.190	417.989	417.787	417.586	417.384	417.979	419.377	420.772	422.170	423.564
165	639.974	640.842	641.706	642.574	643.439	647.434	654.559	661.682	668.807	675.929
170	1942.869	1946.756	1950.642	1954.529	1958.415	1970.323	1990.255	2010.187	2030.116	2050.048
175	6483.145	6485.668	6488.191	6490.710	6493.233	6497.191	6502.587	6507.980	6513.376	6518.769
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6535.078	6551.396	6567.711	6584.029	6592.704	6593.736	6594.768	6595.800	6596.832	6595.800
10	2065.771	2081.494	2097.217	2112.940	2124.721	2132.553	2140.385	2148.217	2156.049	2148.217
15	678.886	681.843	684.800	687.757	691.981	697.470	702.959	708.451	713.940	708.451
20	424.919	426.276	427.631	428.985	430.144	431.105	432.063	433.024	433.984	433.024
25	372.809	373.104	373.398	373.693	374.219	374.976	375.732	376.488	377.244	376.488
30	291.088	291.352	291.618	291.882	292.322	292.939	293.556	294.172	294.789	294.172
35	121.857	122.818	123.782	124.746	125.267	125.350	125.434	125.515	125.598	125.515
40	24.727	25.195	25.663	26.131	26.351	26.323	26.298	26.270	26.245	26.270
45	12.484	12.481	12.475	12.472	12.475	12.487	12.503	12.515	12.528	12.515
50	11.282	11.266	11.251	11.235	11.226	11.217	11.207	11.201	11.192	11.201
55	10.637	10.603	10.572	10.538	10.519	10.510	10.504	10.494	10.488	10.494

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CANDELA TABULATION - (Cont.)

60	8.660	8.644	8.629	8.613	8.619	8.647	8.675	8.703	8.731	8.703
65	6.214	6.208	6.202	6.196	6.199	6.208	6.217	6.230	6.239	6.230
70	4.330	4.327	4.324	4.321	4.321	4.324	4.327	4.330	4.333	4.330
75	2.941	2.938	2.932	2.929	2.926	2.929	2.932	2.932	2.935	2.932
80	1.621	1.624	1.621	1.624	1.624	1.627	1.630	1.630	1.633	1.630
85	0.332	0.332	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
90	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
95	0.332	0.332	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
100	1.621	1.624	1.621	1.624	1.624	1.627	1.630	1.630	1.633	1.630
105	2.941	2.938	2.932	2.929	2.926	2.929	2.932	2.932	2.935	2.932
110	4.330	4.327	4.324	4.321	4.321	4.324	4.327	4.330	4.333	4.330
115	6.214	6.208	6.202	6.196	6.199	6.208	6.217	6.230	6.239	6.230
120	8.660	8.644	8.629	8.613	8.619	8.647	8.675	8.703	8.731	8.703
125	10.637	10.603	10.572	10.538	10.519	10.510	10.504	10.494	10.488	10.494
130	11.282	11.266	11.251	11.235	11.226	11.217	11.207	11.201	11.192	11.201
135	12.484	12.481	12.475	12.472	12.475	12.487	12.503	12.515	12.528	12.515
140	24.727	25.195	25.663	26.131	26.351	26.323	26.298	26.270	26.245	26.270
145	121.857	122.818	123.782	124.746	125.267	125.350	125.434	125.515	125.598	125.515
150	291.088	291.352	291.618	291.882	292.322	292.939	293.556	294.172	294.789	294.172
155	372.809	373.104	373.398	373.693	374.219	374.976	375.732	376.488	377.244	376.488
160	424.919	426.276	427.631	428.985	430.144	431.105	432.063	433.024	433.984	433.024
165	678.886	681.843	684.800	687.757	691.981	697.470	702.959	708.451	713.940	708.451
170	2065.771	2081.494	2097.217	2112.940	2124.721	2132.553	2140.385	2148.217	2156.049	2148.217
175	6535.084	6551.402	6567.717	6584.035	6592.707	6593.742	6594.774	6595.806	6596.839	6595.806
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

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	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6594.768	6593.736	6592.704	6584.029	6567.711	6551.396	6535.078	6518.763	6513.370	6507.974
10	2140.385	2132.553	2124.721	2112.940	2097.217	2081.494	2065.771	2050.048	2030.116	2010.187
15	702.959	697.470	691.981	687.757	684.800	681.843	678.886	675.929	668.807	661.682
20	432.063	431.105	430.144	428.985	427.631	426.276	424.919	423.564	422.170	420.772
25	375.732	374.976	374.219	373.693	373.398	373.104	372.809	372.515	372.453	372.391
30	293.556	292.939	292.322	291.882	291.618	291.352	291.088	290.822	291.773	292.725
35	125.434	125.350	125.267	124.746	123.782	122.818	121.857	120.894	120.934	120.974
40	26.298	26.323	26.351	26.131	25.663	25.195	24.727	24.259	23.915	23.571
45	12.503	12.487	12.475	12.472	12.475	12.481	12.484	12.490	12.484	12.481
50	11.207	11.217	11.226	11.235	11.251	11.266	11.282	11.297	11.328	11.359
55	10.504	10.510	10.519	10.538	10.572	10.603	10.637	10.668	10.730	10.789
60	8.675	8.647	8.619	8.613	8.629	8.644	8.660	8.675	8.731	8.787
65	6.217	6.208	6.199	6.196	6.202	6.208	6.214	6.220	6.224	6.227
70	4.327	4.324	4.321	4.321	4.324	4.327	4.330	4.333	4.333	4.330
75	2.932	2.929	2.926	2.929	2.932	2.938	2.941	2.947	2.947	2.947
80	1.630	1.627	1.624	1.624	1.621	1.624	1.621	1.621	1.621	1.621
85	0.329	0.329	0.329	0.329	0.329	0.332	0.332	0.332	0.332	0.332
90	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
95	0.329	0.329	0.329	0.329	0.329	0.332	0.332	0.332	0.332	0.332
100	1.630	1.627	1.624	1.624	1.621	1.624	1.621	1.621	1.621	1.621
105	2.932	2.929	2.926	2.929	2.932	2.938	2.941	2.947	2.947	2.947
110	4.327	4.324	4.321	4.321	4.324	4.327	4.330	4.333	4.333	4.330
115	6.217	6.208	6.199	6.196	6.202	6.208	6.214	6.220	6.224	6.227
120	8.675	8.647	8.619	8.613	8.629	8.644	8.660	8.675	8.731	8.787
125	10.504	10.510	10.519	10.538	10.572	10.603	10.637	10.668	10.730	10.789
130	11.207	11.217	11.226	11.235	11.251	11.266	11.282	11.297	11.328	11.359

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CANDELA TABULATION - (Cont.)

135	12.503	12.487	12.475	12.472	12.475	12.481	12.484	12.490	12.484	12.481
140	26.298	26.323	26.351	26.131	25.663	25.195	24.727	24.259	23.915	23.571
145	125.434	125.350	125.267	124.746	123.782	122.818	121.857	120.894	120.934	120.974
150	293.556	292.939	292.322	291.882	291.618	291.352	291.088	290.822	291.773	292.725
155	375.732	374.976	374.219	373.693	373.398	373.104	372.809	372.515	372.453	372.391
160	432.063	431.105	430.144	428.985	427.631	426.276	424.919	423.564	422.170	420.772
165	702.959	697.470	691.981	687.757	684.800	681.843	678.886	675.929	668.807	661.682
170	2140.385	2132.553	2124.721	2112.940	2097.217	2081.494	2065.771	2050.048	2030.116	2010.187
175	6594.774	6593.739	6592.707	6584.035	6567.717	6551.402	6535.084	6518.769	6513.373	6507.980
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

**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	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6502.581	6497.185	6493.227	6490.704	6488.184	6485.662	6483.139	6485.662	6488.184	6490.704
10	1990.255	1970.323	1958.415	1954.529	1950.642	1946.756	1942.869	1946.756	1950.642	1954.529
15	654.559	647.434	643.439	642.574	641.706	640.842	639.974	640.842	641.706	642.574
20	419.377	417.979	417.384	417.586	417.787	417.989	418.190	417.989	417.787	417.586
25	372.326	372.264	372.369	372.645	372.918	373.194	373.466	373.194	372.918	372.645
30	293.676	294.628	295.310	295.719	296.131	296.540	296.949	296.540	296.131	295.719
35	121.014	121.055	120.937	120.664	120.395	120.122	119.849	120.122	120.395	120.664
40	23.227	22.883	22.597	22.365	22.133	21.900	21.668	21.900	22.133	22.365
45	12.475	12.472	12.466	12.459	12.450	12.444	12.438	12.444	12.450	12.459
50	11.390	11.421	11.446	11.465	11.480	11.499	11.517	11.499	11.480	11.465
55	10.851	10.910	10.962	11.003	11.043	11.083	11.124	11.083	11.043	11.003
60	8.846	8.901	8.939	8.957	8.979	8.997	9.016	8.997	8.979	8.957
65	6.230	6.233	6.242	6.258	6.273	6.289	6.304	6.289	6.273	6.258
70	4.330	4.327	4.327	4.330	4.330	4.333	4.333	4.333	4.330	4.330
75	2.951	2.951	2.954	2.957	2.960	2.966	2.969	2.966	2.960	2.957
80	1.618	1.618	1.618	1.618	1.621	1.621	1.621	1.621	1.621	1.618
85	0.335	0.335	0.335	0.335	0.341	0.341	0.341	0.341	0.341	0.335
90	0.130	0.130	0.130	0.130	0.124	0.124	0.124	0.124	0.124	0.130
95	0.335	0.335	0.335	0.335	0.341	0.341	0.341	0.341	0.341	0.335
100	1.618	1.618	1.618	1.618	1.621	1.621	1.621	1.621	1.621	1.618
105	2.951	2.951	2.954	2.957	2.960	2.966	2.969	2.966	2.960	2.957
110	4.330	4.327	4.327	4.330	4.330	4.333	4.333	4.333	4.330	4.330
115	6.230	6.233	6.242	6.258	6.273	6.289	6.304	6.289	6.273	6.258
120	8.846	8.901	8.939	8.957	8.979	8.997	9.016	8.997	8.979	8.957
125	10.851	10.910	10.962	11.003	11.043	11.083	11.124	11.083	11.043	11.003
130	11.390	11.421	11.446	11.465	11.480	11.499	11.517	11.499	11.480	11.465
135	12.475	12.472	12.466	12.459	12.450	12.444	12.438	12.444	12.450	12.459
140	23.227	22.883	22.597	22.365	22.133	21.900	21.668	21.900	22.133	22.365
145	121.014	121.055	120.937	120.664	120.395	120.122	119.849	120.122	120.395	120.664
150	293.676	294.628	295.310	295.719	296.131	296.540	296.949	296.540	296.131	295.719
155	372.326	372.264	372.369	372.645	372.918	373.194	373.466	373.194	372.918	372.645
160	419.377	417.979	417.384	417.586	417.787	417.989	418.190	417.989	417.787	417.586
165	654.559	647.434	643.439	642.574	641.706	640.842	639.974	640.842	641.706	642.574
170	1990.255	1970.323	1958.415	1954.529	1950.642	1946.756	1942.869	1946.756	1950.642	1954.529
175	6502.587	6497.191	6493.233	6490.710	6488.188	6485.668	6483.145	6485.668	6488.188	6490.710
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

**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	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6493.227	6497.185	6502.581	6507.974	6513.370	6518.763	6535.078	6551.396	6567.711	6584.029
10	1958.415	1970.323	1990.255	2010.187	2030.116	2050.048	2065.771	2081.494	2097.217	2112.940
15	643.439	647.434	654.559	661.682	668.807	675.929	678.886	681.843	684.800	687.757
20	417.384	417.979	419.377	420.772	422.170	423.564	424.919	426.276	427.631	428.985
25	372.369	372.264	372.326	372.391	372.453	372.515	372.809	373.104	373.398	373.693
30	295.310	294.628	293.676	292.725	291.773	290.822	291.088	291.352	291.618	291.882
35	120.937	121.055	121.014	120.974	120.934	120.894	121.857	122.818	123.782	124.746
40	22.597	22.883	23.227	23.571	23.915	24.259	24.727	25.195	25.663	26.131
45	12.466	12.472	12.475	12.481	12.484	12.490	12.484	12.481	12.475	12.472
50	11.446	11.421	11.390	11.359	11.328	11.297	11.282	11.266	11.251	11.235
55	10.962	10.910	10.851	10.789	10.730	10.668	10.637	10.603	10.572	10.538
60	8.939	8.901	8.846	8.787	8.731	8.675	8.660	8.644	8.629	8.613
65	6.242	6.233	6.230	6.227	6.224	6.220	6.214	6.208	6.202	6.196
70	4.327	4.327	4.330	4.330	4.333	4.333	4.330	4.327	4.324	4.321
75	2.954	2.951	2.951	2.947	2.947	2.947	2.941	2.938	2.932	2.929
80	1.618	1.618	1.618	1.621	1.621	1.621	1.621	1.624	1.621	1.624
85	0.335	0.335	0.335	0.332	0.332	0.332	0.332	0.332	0.329	0.329
90	0.130	0.130	0.130	0.136	0.136	0.136	0.136	0.136	0.136	0.136
95	0.335	0.335	0.335	0.332	0.332	0.332	0.332	0.332	0.329	0.329
100	1.618	1.618	1.618	1.621	1.621	1.621	1.621	1.624	1.621	1.624
105	2.954	2.951	2.951	2.947	2.947	2.947	2.941	2.938	2.932	2.929
110	4.327	4.327	4.330	4.330	4.333	4.333	4.330	4.327	4.324	4.321
115	6.242	6.233	6.230	6.227	6.224	6.220	6.214	6.208	6.202	6.196
120	8.939	8.901	8.846	8.787	8.731	8.675	8.660	8.644	8.629	8.613
125	10.962	10.910	10.851	10.789	10.730	10.668	10.637	10.603	10.572	10.538
130	11.446	11.421	11.390	11.359	11.328	11.297	11.282	11.266	11.251	11.235
135	12.466	12.472	12.475	12.481	12.484	12.490	12.484	12.481	12.475	12.472
140	22.597	22.883	23.227	23.571	23.915	24.259	24.727	25.195	25.663	26.131
145	120.937	121.055	121.014	120.974	120.934	120.894	121.857	122.818	123.782	124.746
150	295.310	294.628	293.676	292.725	291.773	290.822	291.088	291.352	291.618	291.882
155	372.369	372.264	372.326	372.391	372.453	372.515	372.809	373.104	373.398	373.693
160	417.384	417.979	419.377	420.772	422.170	423.564	424.919	426.276	427.631	428.985
165	643.439	647.434	654.559	661.682	668.807	675.929	678.886	681.843	684.800	687.757
170	1958.415	1970.323	1990.255	2010.187	2030.116	2050.048	2065.771	2081.494	2097.217	2112.940
175	6493.233	6497.191	6502.587	6507.980	6513.373	6518.769	6535.084	6551.402	6567.717	6584.035
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

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	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6592.704	6593.736	6594.768	6595.800	6596.832	6595.800	6594.768	6593.736	6592.704	6584.029
10	2124.721	2132.553	2140.385	2148.217	2156.049	2148.217	2140.385	2132.553	2124.721	2112.940
15	691.981	697.470	702.959	708.451	713.940	708.451	702.959	697.470	691.981	687.757
20	430.144	431.105	432.063	433.024	433.984	433.024	432.063	431.105	430.144	428.985
25	374.219	374.976	375.732	376.488	377.244	376.488	375.732	374.976	374.219	373.693
30	292.322	292.939	293.556	294.172	294.789	294.172	293.556	292.939	292.322	291.882
35	125.267	125.350	125.434	125.515	125.598	125.515	125.434	125.350	125.267	124.746
40	26.351	26.323	26.298	26.270	26.245	26.270	26.298	26.323	26.351	26.131
45	12.475	12.487	12.503	12.515	12.528	12.515	12.503	12.487	12.475	12.472
50	11.226	11.217	11.207	11.201	11.192	11.201	11.207	11.217	11.226	11.235
55	10.519	10.510	10.504	10.494	10.488	10.494	10.504	10.510	10.519	10.538
60	8.619	8.647	8.675	8.703	8.731	8.703	8.675	8.647	8.619	8.613
65	6.199	6.208	6.217	6.230	6.239	6.230	6.217	6.208	6.199	6.196
70	4.321	4.324	4.327	4.330	4.333	4.330	4.327	4.324	4.321	4.321
75	2.926	2.929	2.932	2.932	2.935	2.932	2.932	2.929	2.926	2.929

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.624	1.627	1.630	1.630	1.633	1.630	1.630	1.627	1.624	1.624
85	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
90	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
95	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
100	1.624	1.627	1.630	1.630	1.633	1.630	1.630	1.627	1.624	1.624
105	2.926	2.929	2.932	2.932	2.935	2.932	2.932	2.929	2.926	2.929
110	4.321	4.324	4.327	4.330	4.333	4.330	4.327	4.324	4.321	4.321
115	6.199	6.208	6.217	6.230	6.239	6.230	6.217	6.208	6.199	6.196
120	8.619	8.647	8.675	8.703	8.731	8.703	8.675	8.647	8.619	8.613
125	10.519	10.510	10.504	10.494	10.488	10.494	10.504	10.510	10.519	10.538
130	11.226	11.217	11.207	11.201	11.192	11.201	11.207	11.217	11.226	11.235
135	12.475	12.487	12.503	12.515	12.528	12.515	12.503	12.487	12.475	12.472
140	26.351	26.323	26.298	26.270	26.245	26.270	26.298	26.323	26.351	26.131
145	125.267	125.350	125.434	125.515	125.598	125.515	125.434	125.350	125.267	124.746
150	292.322	292.939	293.556	294.172	294.789	294.172	293.556	292.939	292.322	291.882
155	374.219	374.976	375.732	376.488	377.244	376.488	375.732	374.976	374.219	373.693
160	430.144	431.105	432.063	433.024	433.984	433.024	432.063	431.105	430.144	428.985
165	691.981	697.470	702.959	708.451	713.940	708.451	702.959	697.470	691.981	687.757
170	2124.721	2132.553	2140.385	2148.217	2156.049	2148.217	2140.385	2132.553	2124.721	2112.940
175	6592.707	6593.739	6594.774	6595.806	6596.839	6595.806	6594.774	6593.742	6592.707	6584.035
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

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	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245	9577.245
5	6567.711	6551.396	6535.078	6518.763	6513.370	6507.974	6502.581	6497.185	6493.227	6490.704
10	2097.217	2081.494	2065.771	2050.048	2030.116	2010.187	1990.255	1970.323	1958.415	1954.529
15	684.800	681.843	678.886	675.929	668.807	661.682	654.559	647.434	643.439	642.574
20	427.631	426.276	424.919	423.564	422.170	420.772	419.377	417.979	417.384	417.586
25	373.398	373.104	372.809	372.515	372.453	372.391	372.326	372.264	372.369	372.645
30	291.618	291.352	291.088	290.822	291.773	292.725	293.676	294.628	295.310	295.719
35	123.782	122.818	121.857	120.894	120.934	120.974	121.014	121.055	120.937	120.664
40	25.663	25.195	24.727	24.259	23.915	23.571	23.227	22.883	22.597	22.365
45	12.475	12.481	12.484	12.490	12.484	12.481	12.475	12.472	12.466	12.459
50	11.251	11.266	11.282	11.297	11.328	11.359	11.390	11.421	11.446	11.465
55	10.572	10.603	10.637	10.668	10.730	10.789	10.851	10.910	10.962	11.003
60	8.629	8.644	8.660	8.675	8.731	8.787	8.846	8.901	8.939	8.957
65	6.202	6.208	6.214	6.220	6.224	6.227	6.230	6.233	6.242	6.258
70	4.324	4.327	4.330	4.333	4.333	4.330	4.330	4.327	4.327	4.330
75	2.932	2.938	2.941	2.947	2.947	2.947	2.951	2.951	2.954	2.957
80	1.621	1.624	1.621	1.621	1.621	1.621	1.618	1.618	1.618	1.618
85	0.329	0.332	0.332	0.332	0.332	0.332	0.335	0.335	0.335	0.335
90	0.136	0.136	0.136	0.136	0.136	0.136	0.130	0.130	0.130	0.130
95	0.329	0.332	0.332	0.332	0.332	0.332	0.335	0.335	0.335	0.335
100	1.621	1.624	1.621	1.621	1.621	1.621	1.618	1.618	1.618	1.618
105	2.932	2.938	2.941	2.947	2.947	2.947	2.951	2.951	2.954	2.957
110	4.324	4.327	4.330	4.333	4.333	4.330	4.330	4.327	4.327	4.330
115	6.202	6.208	6.214	6.220	6.224	6.227	6.230	6.233	6.242	6.258
120	8.629	8.644	8.660	8.675	8.731	8.787	8.846	8.901	8.939	8.957
125	10.572	10.603	10.637	10.668	10.730	10.789	10.851	10.910	10.962	11.003
130	11.251	11.266	11.282	11.297	11.328	11.359	11.390	11.421	11.446	11.465
135	12.475	12.481	12.484	12.490	12.484	12.481	12.475	12.472	12.466	12.459
140	25.663	25.195	24.727	24.259	23.915	23.571	23.227	22.883	22.597	22.365
145	123.782	122.818	121.857	120.894	120.934	120.974	121.014	121.055	120.937	120.664
150	291.618	291.352	291.088	290.822	291.773	292.725	293.676	294.628	295.310	295.719

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

155	373.398	373.104	372.809	372.515	372.453	372.391	372.326	372.264	372.369	372.645
160	427.631	426.276	424.919	423.564	422.170	420.772	419.377	417.979	417.384	417.586
165	684.800	681.843	678.886	675.929	668.807	661.682	654.559	647.434	643.439	642.574
170	2097.217	2081.494	2065.771	2050.048	2030.116	2010.187	1990.255	1970.323	1958.415	1954.529
175	6567.717	6551.402	6535.084	6518.769	6513.376	6507.980	6502.587	6497.191	6493.233	6490.710
180	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013	9577.013

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	9577.245	9577.245	9577.245
5	6488.184	6485.662	6483.139
10	1950.642	1946.756	1942.869
15	641.706	640.842	639.974
20	417.787	417.989	418.190
25	372.918	373.194	373.466
30	296.131	296.540	296.949
35	120.395	120.122	119.849
40	22.133	21.900	21.668
45	12.450	12.444	12.438
50	11.480	11.499	11.517
55	11.043	11.083	11.124
60	8.979	8.997	9.016
65	6.273	6.289	6.304
70	4.330	4.333	4.333
75	2.960	2.966	2.969
80	1.621	1.621	1.621
85	0.341	0.341	0.341
90	0.124	0.124	0.124
95	0.341	0.341	0.341
100	1.621	1.621	1.621
105	2.960	2.966	2.969
110	4.330	4.333	4.333
115	6.273	6.289	6.304
120	8.979	8.997	9.016
125	11.043	11.083	11.124
130	11.480	11.499	11.517
135	12.450	12.444	12.438
140	22.133	21.900	21.668
145	120.395	120.122	119.849
150	296.131	296.540	296.949
155	372.918	373.194	373.466
160	417.787	417.989	418.190
165	641.706	640.842	639.974
170	1950.642	1946.756	1942.869
175	6488.191	6485.668	6483.145
180	9577.013	9577.013	9577.013

COEFFICIENTS OF UTILIZATION



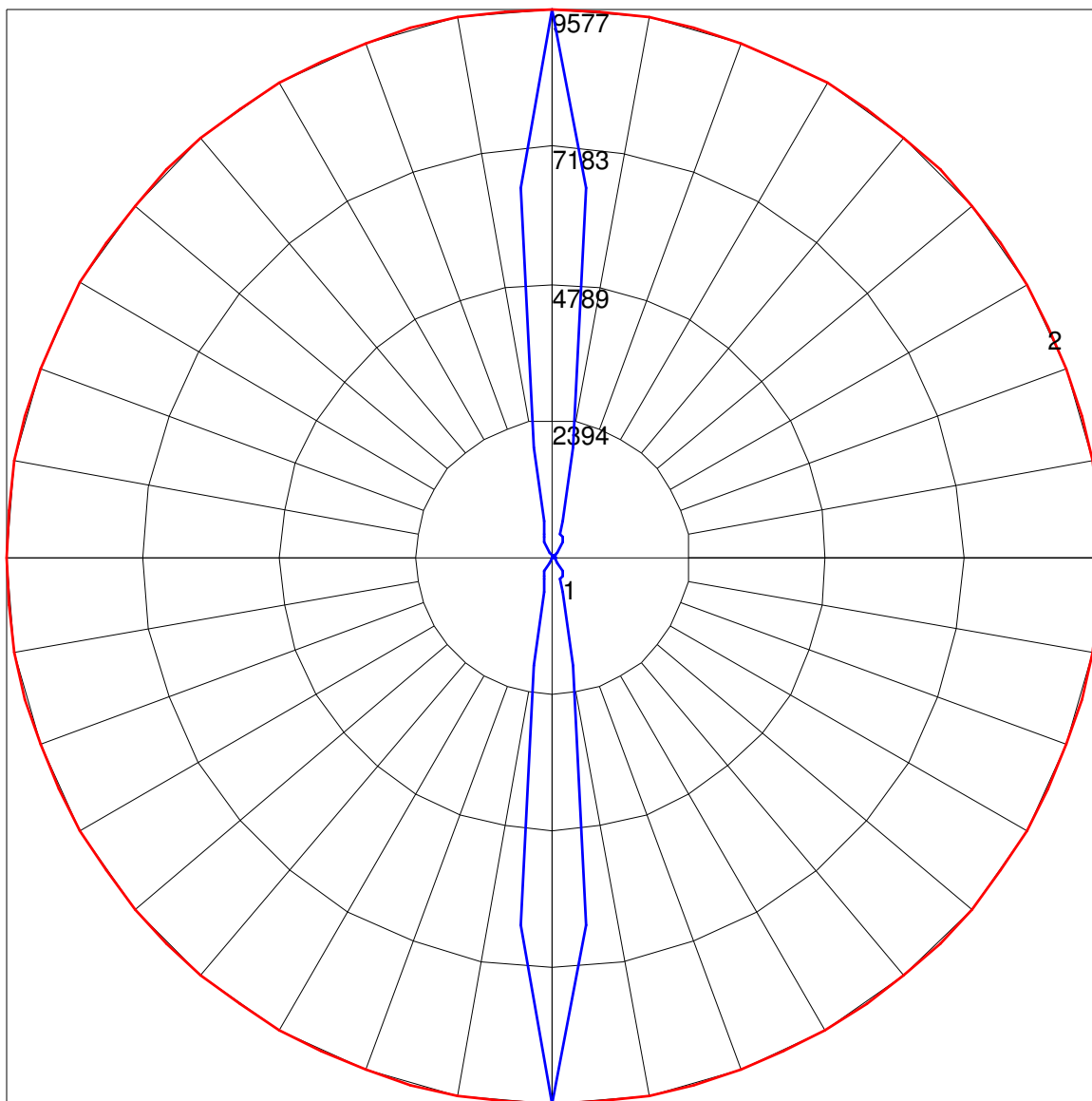
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	518.0	25.0
Downward House Side	518.0	25.0
Downward Total	1036.0	50.0
Upward Street Side	518.0	25.0
Upward House Side	518.0	25.0
Upward Total	1036.0	50.0
Total Flux	2072.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9577.245 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

