

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-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-L10-935U-L10-935D-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	2050
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9478.511
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9478.511
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.135 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.617 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	454.8	N.A.	22.2
FM - Front-Medium (30-60)	52.8	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)	454.8	N.A.	22.2
BM - Back-Medium (30-60)	52.8	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)	1024.6	N.A.	50.0
Total	2050.5	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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6416.303	6418.799	6421.296	6423.790	6426.287	6430.204	6435.544	6440.882	6446.222	6451.559
10	1922.840	1926.686	1930.533	1934.379	1938.226	1950.011	1969.737	1989.464	2009.187	2028.914
15	633.376	634.235	635.091	635.950	636.806	640.759	647.811	654.860	661.912	668.961
20	413.879	413.679	413.480	413.281	413.081	413.670	415.054	416.434	417.817	419.198
25	369.616	369.346	369.073	368.803	368.530	368.426	368.487	368.552	368.613	368.674
30	293.888	293.483	293.078	292.670	292.265	291.591	290.649	289.707	288.765	287.824
35	118.613	118.883	119.153	119.420	119.690	119.807	119.767	119.727	119.687	119.647
40	21.444	21.674	21.904	22.134	22.364	22.647	22.987	23.328	23.668	24.009
45	12.309	12.316	12.322	12.331	12.337	12.343	12.346	12.352	12.356	12.362
50	11.398	11.380	11.362	11.346	11.328	11.303	11.273	11.242	11.211	11.181
55	11.009	10.969	10.929	10.889	10.849	10.797	10.739	10.678	10.619	10.558
60	8.923	8.905	8.886	8.865	8.846	8.810	8.754	8.696	8.641	8.586
65	6.239	6.224	6.208	6.193	6.178	6.169	6.165	6.162	6.159	6.156
70	4.288	4.288	4.285	4.285	4.282	4.282	4.285	4.285	4.288	4.288
75	2.939	2.936	2.929	2.926	2.923	2.920	2.920	2.917	2.917	2.917
80	1.604	1.604	1.604	1.601	1.601	1.601	1.601	1.604	1.604	1.604
85	0.337	0.337	0.337	0.331	0.331	0.331	0.331	0.328	0.328	0.328
90	0.123	0.123	0.123	0.129	0.129	0.129	0.129	0.135	0.135	0.135
95	0.337	0.337	0.337	0.331	0.331	0.331	0.331	0.328	0.328	0.328
100	1.604	1.604	1.604	1.601	1.601	1.601	1.601	1.604	1.604	1.604
105	2.939	2.936	2.929	2.926	2.923	2.920	2.920	2.917	2.917	2.917
110	4.288	4.288	4.285	4.285	4.282	4.282	4.285	4.285	4.288	4.288
115	6.239	6.224	6.208	6.193	6.178	6.169	6.165	6.162	6.159	6.156
120	8.923	8.905	8.886	8.865	8.846	8.810	8.754	8.696	8.641	8.586
125	11.009	10.969	10.929	10.889	10.849	10.797	10.739	10.678	10.619	10.558
130	11.398	11.380	11.362	11.346	11.328	11.303	11.273	11.242	11.211	11.181
135	12.309	12.316	12.322	12.331	12.337	12.343	12.346	12.352	12.356	12.362
140	21.444	21.674	21.904	22.134	22.364	22.647	22.987	23.328	23.668	24.009
145	118.613	118.883	119.153	119.420	119.690	119.807	119.767	119.727	119.687	119.647
150	293.888	293.483	293.078	292.670	292.265	291.591	290.649	289.707	288.765	287.824
155	369.616	369.346	369.073	368.803	368.530	368.426	368.487	368.552	368.613	368.674
160	413.879	413.679	413.480	413.281	413.081	413.670	415.054	416.434	417.817	419.198
165	633.376	634.235	635.091	635.950	636.806	640.759	647.811	654.860	661.912	668.961
170	1922.840	1926.686	1930.533	1934.379	1938.226	1950.011	1969.737	1989.464	2009.187	2028.914
175	6416.309	6418.806	6421.302	6423.796	6426.293	6430.210	6435.551	6440.888	6446.228	6451.565
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6467.706	6483.856	6500.003	6516.153	6524.738	6525.760	6526.781	6527.803	6528.824	6527.803
10	2044.474	2060.035	2075.596	2091.157	2102.817	2110.568	2118.319	2126.070	2133.822	2126.070
15	671.887	674.814	677.740	680.666	684.847	690.280	695.712	701.147	706.580	701.147
20	420.538	421.882	423.222	424.563	425.710	426.661	427.609	428.559	429.510	428.559
25	368.966	369.257	369.549	369.840	370.362	371.110	371.858	372.607	373.355	372.607
30	288.088	288.348	288.612	288.873	289.308	289.919	290.529	291.140	291.750	291.140
35	120.601	121.552	122.506	123.460	123.975	124.058	124.141	124.221	124.304	124.221
40	24.472	24.935	25.398	25.861	26.079	26.051	26.027	25.999	25.975	25.999
45	12.356	12.352	12.346	12.343	12.346	12.359	12.374	12.386	12.398	12.386
50	11.165	11.150	11.135	11.119	11.110	11.101	11.092	11.086	11.076	11.086
55	10.527	10.494	10.463	10.429	10.411	10.402	10.395	10.386	10.380	10.386

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CANDELA TABULATION - (Cont.)

60	8.570	8.555	8.540	8.524	8.530	8.558	8.586	8.613	8.641	8.613
65	6.150	6.144	6.138	6.132	6.135	6.144	6.153	6.165	6.175	6.165
70	4.285	4.282	4.279	4.276	4.276	4.279	4.282	4.285	4.288	4.285
75	2.911	2.908	2.902	2.899	2.896	2.899	2.902	2.902	2.905	2.902
80	1.604	1.607	1.604	1.607	1.607	1.610	1.613	1.613	1.617	1.613
85	0.328	0.328	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325
90	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135
95	0.328	0.328	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325
100	1.604	1.607	1.604	1.607	1.607	1.610	1.613	1.613	1.617	1.613
105	2.911	2.908	2.902	2.899	2.896	2.899	2.902	2.902	2.905	2.902
110	4.285	4.282	4.279	4.276	4.276	4.279	4.282	4.285	4.288	4.285
115	6.150	6.144	6.138	6.132	6.135	6.144	6.153	6.165	6.175	6.165
120	8.570	8.555	8.540	8.524	8.530	8.558	8.586	8.613	8.641	8.613
125	10.527	10.494	10.463	10.429	10.411	10.402	10.395	10.386	10.380	10.386
130	11.165	11.150	11.135	11.119	11.110	11.101	11.092	11.086	11.076	11.086
135	12.356	12.352	12.346	12.343	12.346	12.359	12.374	12.386	12.398	12.386
140	24.472	24.935	25.398	25.861	26.079	26.051	26.027	25.999	25.975	25.999
145	120.601	121.552	122.506	123.460	123.975	124.058	124.141	124.221	124.304	124.221
150	288.088	288.348	288.612	288.873	289.308	289.919	290.529	291.140	291.750	291.140
155	368.966	369.257	369.549	369.840	370.362	371.110	371.858	372.607	373.355	372.607
160	420.538	421.882	423.222	424.563	425.710	426.661	427.609	428.559	429.510	428.559
165	671.887	674.814	677.740	680.666	684.847	690.280	695.712	701.147	706.580	701.147
170	2044.474	2060.035	2075.596	2091.157	2102.817	2110.568	2118.319	2126.070	2133.822	2126.070
175	6467.712	6483.862	6500.009	6516.159	6524.741	6525.766	6526.787	6527.809	6528.830	6527.809
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6526.781	6525.760	6524.738	6516.153	6500.003	6483.856	6467.706	6451.559	6446.222	6440.882
10	2118.319	2110.568	2102.817	2091.157	2075.596	2060.035	2044.474	2028.914	2009.187	1989.464
15	695.712	690.280	684.847	680.666	677.740	674.814	671.887	668.961	661.912	654.860
20	427.609	426.661	425.710	424.563	423.222	421.882	420.538	419.198	417.817	416.434
25	371.858	371.110	370.362	369.840	369.549	369.257	368.966	368.674	368.613	368.552
30	290.529	289.919	289.308	288.873	288.612	288.348	288.088	287.824	288.765	289.707
35	124.141	124.058	123.975	123.460	122.506	121.552	120.601	119.647	119.687	119.727
40	26.027	26.051	26.079	25.861	25.398	24.935	24.472	24.009	23.668	23.328
45	12.374	12.359	12.346	12.343	12.346	12.352	12.356	12.362	12.356	12.352
50	11.092	11.101	11.110	11.119	11.135	11.150	11.165	11.181	11.211	11.242
55	10.395	10.402	10.411	10.429	10.463	10.494	10.527	10.558	10.619	10.678
60	8.586	8.558	8.530	8.524	8.540	8.555	8.570	8.586	8.641	8.696
65	6.153	6.144	6.135	6.132	6.138	6.144	6.150	6.156	6.159	6.162
70	4.282	4.279	4.276	4.276	4.279	4.282	4.285	4.288	4.288	4.285
75	2.902	2.899	2.896	2.899	2.902	2.908	2.911	2.917	2.917	2.917
80	1.613	1.610	1.607	1.607	1.604	1.607	1.604	1.604	1.604	1.604
85	0.325	0.325	0.325	0.325	0.325	0.328	0.328	0.328	0.328	0.328
90	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135
95	0.325	0.325	0.325	0.325	0.325	0.328	0.328	0.328	0.328	0.328
100	1.613	1.610	1.607	1.607	1.604	1.607	1.604	1.604	1.604	1.604
105	2.902	2.899	2.896	2.899	2.902	2.908	2.911	2.917	2.917	2.917
110	4.282	4.279	4.276	4.276	4.279	4.282	4.285	4.288	4.288	4.285
115	6.153	6.144	6.135	6.132	6.138	6.144	6.150	6.156	6.159	6.162
120	8.586	8.558	8.530	8.524	8.540	8.555	8.570	8.586	8.641	8.696
125	10.395	10.402	10.411	10.429	10.463	10.494	10.527	10.558	10.619	10.678
130	11.092	11.101	11.110	11.119	11.135	11.150	11.165	11.181	11.211	11.242

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CANDELA TABULATION - (Cont.)

135	12.374	12.359	12.346	12.343	12.346	12.352	12.356	12.362	12.356	12.352
140	26.027	26.051	26.079	25.861	25.398	24.935	24.472	24.009	23.668	23.328
145	124.141	124.058	123.975	123.460	122.506	121.552	120.601	119.647	119.687	119.727
150	290.529	289.919	289.308	288.873	288.612	288.348	288.088	287.824	288.765	289.707
155	371.858	371.110	370.362	369.840	369.549	369.257	368.966	368.674	368.613	368.552
160	427.609	426.661	425.710	424.563	423.222	421.882	420.538	419.198	417.817	416.434
165	695.712	690.280	684.847	680.666	677.740	674.814	671.887	668.961	661.912	654.860
170	2118.319	2110.568	2102.817	2091.157	2075.596	2060.035	2044.474	2028.914	2009.187	1989.464
175	6526.787	6525.763	6524.741	6516.159	6500.009	6483.862	6467.712	6451.565	6446.225	6440.888
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6435.544	6430.204	6426.287	6423.790	6421.296	6418.799	6416.303	6418.799	6421.296	6423.790
10	1969.737	1950.011	1938.226	1934.379	1930.533	1926.686	1922.840	1926.686	1930.533	1934.379
15	647.811	640.759	636.806	635.950	635.091	634.235	633.376	634.235	635.091	635.950
20	415.054	413.670	413.081	413.281	413.480	413.679	413.879	413.679	413.480	413.281
25	368.487	368.426	368.530	368.803	369.073	369.346	369.616	369.346	369.073	368.803
30	290.649	291.591	292.265	292.670	293.078	293.483	293.888	293.483	293.078	292.670
35	119.767	119.807	119.690	119.420	119.153	118.883	118.613	118.883	119.153	119.420
40	22.987	22.647	22.364	22.134	21.904	21.674	21.444	21.674	21.904	22.134
45	12.346	12.343	12.337	12.331	12.322	12.316	12.309	12.316	12.322	12.331
50	11.273	11.303	11.328	11.346	11.362	11.380	11.398	11.380	11.362	11.346
55	10.739	10.797	10.849	10.889	10.929	10.969	11.009	10.969	10.929	10.889
60	8.754	8.810	8.846	8.865	8.886	8.905	8.923	8.905	8.886	8.865
65	6.165	6.169	6.178	6.193	6.208	6.224	6.239	6.224	6.208	6.193
70	4.285	4.282	4.282	4.285	4.285	4.288	4.288	4.288	4.285	4.285
75	2.920	2.920	2.923	2.926	2.929	2.936	2.939	2.936	2.929	2.926
80	1.601	1.601	1.601	1.601	1.604	1.604	1.604	1.604	1.604	1.601
85	0.331	0.331	0.331	0.331	0.337	0.337	0.337	0.337	0.337	0.331
90	0.129	0.129	0.129	0.129	0.123	0.123	0.123	0.123	0.123	0.129
95	0.331	0.331	0.331	0.331	0.337	0.337	0.337	0.337	0.337	0.331
100	1.601	1.601	1.601	1.601	1.604	1.604	1.604	1.604	1.604	1.601
105	2.920	2.920	2.923	2.926	2.929	2.936	2.939	2.936	2.929	2.926
110	4.285	4.282	4.282	4.285	4.285	4.288	4.288	4.288	4.285	4.285
115	6.165	6.169	6.178	6.193	6.208	6.224	6.239	6.224	6.208	6.193
120	8.754	8.810	8.846	8.865	8.886	8.905	8.923	8.905	8.886	8.865
125	10.739	10.797	10.849	10.889	10.929	10.969	11.009	10.969	10.929	10.889
130	11.273	11.303	11.328	11.346	11.362	11.380	11.398	11.380	11.362	11.346
135	12.346	12.343	12.337	12.331	12.322	12.316	12.309	12.316	12.322	12.331
140	22.987	22.647	22.364	22.134	21.904	21.674	21.444	21.674	21.904	22.134
145	119.767	119.807	119.690	119.420	119.153	118.883	118.613	118.883	119.153	119.420
150	290.649	291.591	292.265	292.670	293.078	293.483	293.888	293.483	293.078	292.670
155	368.487	368.426	368.530	368.803	369.073	369.346	369.616	369.346	369.073	368.803
160	415.054	413.670	413.081	413.281	413.480	413.679	413.879	413.679	413.480	413.281
165	647.811	640.759	636.806	635.950	635.091	634.235	633.376	634.235	635.091	635.950
170	1969.737	1950.011	1938.226	1934.379	1930.533	1926.686	1922.840	1926.686	1930.533	1934.379
175	6435.551	6430.210	6426.293	6423.796	6421.299	6418.806	6416.309	6418.806	6421.299	6423.796
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6426.287	6430.204	6435.544	6440.882	6446.222	6451.559	6467.706	6483.856	6500.003	6516.153
10	1938.226	1950.011	1969.737	1989.464	2009.187	2028.914	2044.474	2060.035	2075.596	2091.157
15	636.806	640.759	647.811	654.860	661.912	668.961	671.887	674.814	677.740	680.666
20	413.081	413.670	415.054	416.434	417.817	419.198	420.538	421.882	423.222	424.563
25	368.530	368.426	368.487	368.552	368.613	368.674	368.966	369.257	369.549	369.840
30	292.265	291.591	290.649	289.707	288.765	287.824	288.088	288.348	288.612	288.873
35	119.690	119.807	119.767	119.727	119.687	119.647	120.601	121.552	122.506	123.460
40	22.364	22.647	22.987	23.328	23.668	24.009	24.472	24.935	25.398	25.861
45	12.337	12.343	12.346	12.352	12.356	12.362	12.356	12.352	12.346	12.343
50	11.328	11.303	11.273	11.242	11.211	11.181	11.165	11.150	11.135	11.119
55	10.849	10.797	10.739	10.678	10.619	10.558	10.527	10.494	10.463	10.429
60	8.846	8.810	8.754	8.696	8.641	8.586	8.570	8.555	8.540	8.524
65	6.178	6.169	6.165	6.162	6.159	6.156	6.150	6.144	6.138	6.132
70	4.282	4.282	4.285	4.285	4.288	4.288	4.285	4.282	4.279	4.276
75	2.923	2.920	2.920	2.917	2.917	2.917	2.911	2.908	2.902	2.899
80	1.601	1.601	1.601	1.604	1.604	1.604	1.604	1.607	1.604	1.607
85	0.331	0.331	0.331	0.328	0.328	0.328	0.328	0.328	0.325	0.325
90	0.129	0.129	0.129	0.135	0.135	0.135	0.135	0.135	0.135	0.135
95	0.331	0.331	0.331	0.328	0.328	0.328	0.328	0.328	0.325	0.325
100	1.601	1.601	1.601	1.604	1.604	1.604	1.604	1.607	1.604	1.607
105	2.923	2.920	2.920	2.917	2.917	2.917	2.911	2.908	2.902	2.899
110	4.282	4.282	4.285	4.285	4.288	4.288	4.285	4.282	4.279	4.276
115	6.178	6.169	6.165	6.162	6.159	6.156	6.150	6.144	6.138	6.132
120	8.846	8.810	8.754	8.696	8.641	8.586	8.570	8.555	8.540	8.524
125	10.849	10.797	10.739	10.678	10.619	10.558	10.527	10.494	10.463	10.429
130	11.328	11.303	11.273	11.242	11.211	11.181	11.165	11.150	11.135	11.119
135	12.337	12.343	12.346	12.352	12.356	12.362	12.356	12.352	12.346	12.343
140	22.364	22.647	22.987	23.328	23.668	24.009	24.472	24.935	25.398	25.861
145	119.690	119.807	119.767	119.727	119.687	119.647	120.601	121.552	122.506	123.460
150	292.265	291.591	290.649	289.707	288.765	287.824	288.088	288.348	288.612	288.873
155	368.530	368.426	368.487	368.552	368.613	368.674	368.966	369.257	369.549	369.840
160	413.081	413.670	415.054	416.434	417.817	419.198	420.538	421.882	423.222	424.563
165	636.806	640.759	647.811	654.860	661.912	668.961	671.887	674.814	677.740	680.666
170	1938.226	1950.011	1969.737	1989.464	2009.187	2028.914	2044.474	2060.035	2075.596	2091.157
175	6426.293	6430.210	6435.551	6440.888	6446.225	6451.565	6467.712	6483.862	6500.009	6516.159
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6524.738	6525.760	6526.781	6527.803	6528.824	6527.803	6526.781	6525.760	6524.738	6516.153
10	2102.817	2110.568	2118.319	2126.070	2133.822	2126.070	2118.319	2110.568	2102.817	2091.157
15	684.847	690.280	695.712	701.147	706.580	701.147	695.712	690.280	684.847	680.666
20	425.710	426.661	427.609	428.559	429.510	428.559	427.609	426.661	425.710	424.563
25	370.362	371.110	371.858	372.607	373.355	372.607	371.858	371.110	370.362	369.840
30	289.308	289.919	290.529	291.140	291.750	291.140	290.529	289.919	289.308	288.873
35	123.975	124.058	124.141	124.221	124.304	124.221	124.141	124.058	123.975	123.460
40	26.079	26.051	26.027	25.999	25.975	25.999	26.027	26.051	26.079	25.861
45	12.346	12.359	12.374	12.386	12.398	12.386	12.374	12.359	12.346	12.343
50	11.110	11.101	11.092	11.086	11.076	11.086	11.092	11.101	11.110	11.119
55	10.411	10.402	10.395	10.386	10.380	10.386	10.395	10.402	10.411	10.429
60	8.530	8.558	8.586	8.613	8.641	8.613	8.586	8.558	8.530	8.524
65	6.135	6.144	6.153	6.165	6.175	6.165	6.153	6.144	6.135	6.132
70	4.276	4.279	4.282	4.285	4.288	4.285	4.282	4.279	4.276	4.276
75	2.896	2.899	2.902	2.902	2.905	2.902	2.902	2.899	2.896	2.899

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.607	1.610	1.613	1.613	1.617	1.613	1.613	1.610	1.607	1.607
85	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325
90	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135
95	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325
100	1.607	1.610	1.613	1.613	1.617	1.613	1.613	1.610	1.607	1.607
105	2.896	2.899	2.902	2.902	2.905	2.902	2.902	2.899	2.896	2.899
110	4.276	4.279	4.282	4.285	4.288	4.285	4.282	4.279	4.276	4.276
115	6.135	6.144	6.153	6.165	6.175	6.165	6.153	6.144	6.135	6.132
120	8.530	8.558	8.586	8.613	8.641	8.613	8.586	8.558	8.530	8.524
125	10.411	10.402	10.395	10.386	10.380	10.386	10.395	10.402	10.411	10.429
130	11.110	11.101	11.092	11.086	11.076	11.086	11.092	11.101	11.110	11.119
135	12.346	12.359	12.374	12.386	12.398	12.386	12.374	12.359	12.346	12.343
140	26.079	26.051	26.027	25.999	25.975	25.999	26.027	26.051	26.079	25.861
145	123.975	124.058	124.141	124.221	124.304	124.221	124.141	124.058	123.975	123.460
150	289.308	289.919	290.529	291.140	291.750	291.140	290.529	289.919	289.308	288.873
155	370.362	371.110	371.858	372.607	373.355	372.607	371.858	371.110	370.362	369.840
160	425.710	426.661	427.609	428.559	429.510	428.559	427.609	426.661	425.710	424.563
165	684.847	690.280	695.712	701.147	706.580	701.147	695.712	690.280	684.847	680.666
170	2102.817	2110.568	2118.319	2126.070	2133.822	2126.070	2118.319	2110.568	2102.817	2091.157
175	6524.741	6525.763	6526.787	6527.809	6528.830	6527.809	6526.787	6525.766	6524.741	6516.159
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

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	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511	9478.511
5	6500.003	6483.856	6467.706	6451.559	6446.222	6440.882	6435.544	6430.204	6426.287	6423.790
10	2075.596	2060.035	2044.474	2028.914	2009.187	1989.464	1969.737	1950.011	1938.226	1934.379
15	677.740	674.814	671.887	668.961	661.912	654.860	647.811	640.759	636.806	635.950
20	423.222	421.882	420.538	419.198	417.817	416.434	415.054	413.670	413.081	413.281
25	369.549	369.257	368.966	368.674	368.613	368.552	368.487	368.426	368.530	368.803
30	288.612	288.348	288.088	287.824	288.765	289.707	290.649	291.591	292.265	292.670
35	122.506	121.552	120.601	119.647	119.687	119.727	119.767	119.807	119.690	119.420
40	25.398	24.935	24.472	24.009	23.668	23.328	22.987	22.647	22.364	22.134
45	12.346	12.352	12.356	12.362	12.356	12.352	12.346	12.343	12.337	12.331
50	11.135	11.150	11.165	11.181	11.211	11.242	11.273	11.303	11.328	11.346
55	10.463	10.494	10.527	10.558	10.619	10.678	10.739	10.797	10.849	10.889
60	8.540	8.555	8.570	8.586	8.641	8.696	8.754	8.810	8.846	8.865
65	6.138	6.144	6.150	6.156	6.159	6.162	6.165	6.169	6.178	6.193
70	4.279	4.282	4.285	4.288	4.288	4.285	4.285	4.282	4.282	4.285
75	2.902	2.908	2.911	2.917	2.917	2.917	2.920	2.920	2.923	2.926
80	1.604	1.607	1.604	1.604	1.604	1.604	1.601	1.601	1.601	1.601
85	0.325	0.328	0.328	0.328	0.328	0.328	0.331	0.331	0.331	0.331
90	0.135	0.135	0.135	0.135	0.135	0.135	0.129	0.129	0.129	0.129
95	0.325	0.328	0.328	0.328	0.328	0.328	0.331	0.331	0.331	0.331
100	1.604	1.607	1.604	1.604	1.604	1.604	1.601	1.601	1.601	1.601
105	2.902	2.908	2.911	2.917	2.917	2.917	2.920	2.920	2.923	2.926
110	4.279	4.282	4.285	4.288	4.288	4.285	4.285	4.282	4.282	4.285
115	6.138	6.144	6.150	6.156	6.159	6.162	6.165	6.169	6.178	6.193
120	8.540	8.555	8.570	8.586	8.641	8.696	8.754	8.810	8.846	8.865
125	10.463	10.494	10.527	10.558	10.619	10.678	10.739	10.797	10.849	10.889
130	11.135	11.150	11.165	11.181	11.211	11.242	11.273	11.303	11.328	11.346
135	12.346	12.352	12.356	12.362	12.356	12.352	12.346	12.343	12.337	12.331
140	25.398	24.935	24.472	24.009	23.668	23.328	22.987	22.647	22.364	22.134
145	122.506	121.552	120.601	119.647	119.687	119.727	119.767	119.807	119.690	119.420
150	288.612	288.348	288.088	287.824	288.765	289.707	290.649	291.591	292.265	292.670

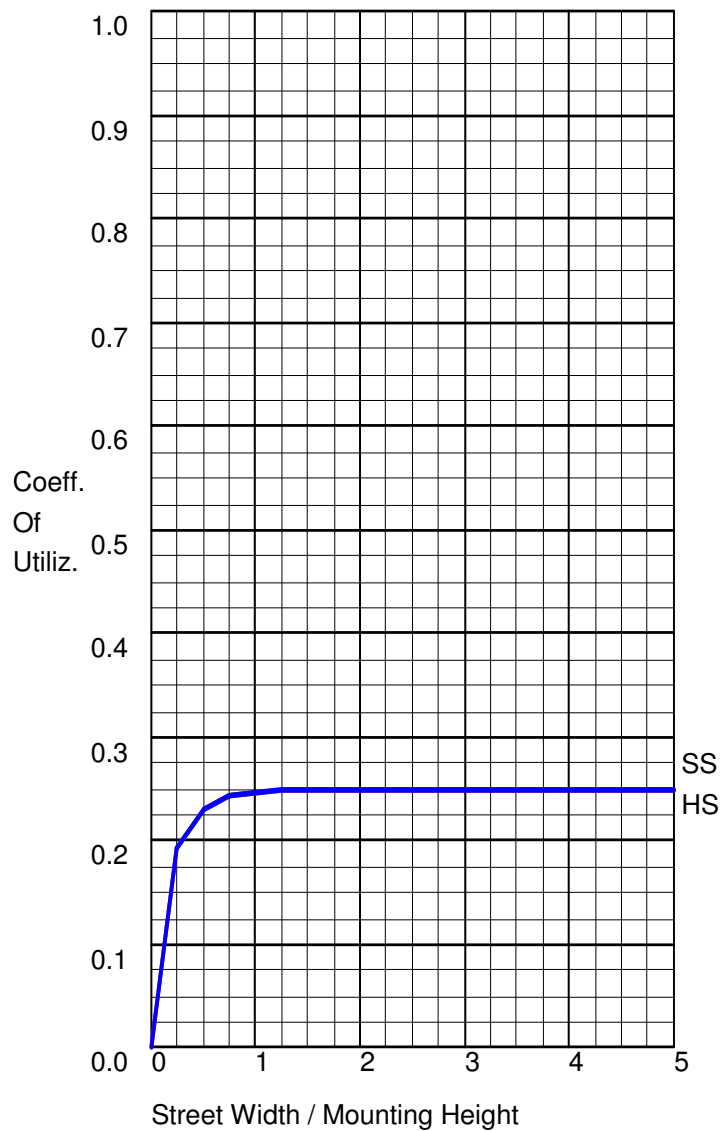
IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

155	369.549	369.257	368.966	368.674	368.613	368.552	368.487	368.426	368.530	368.803
160	423.222	421.882	420.538	419.198	417.817	416.434	415.054	413.670	413.081	413.281
165	677.740	674.814	671.887	668.961	661.912	654.860	647.811	640.759	636.806	635.950
170	2075.596	2060.035	2044.474	2028.914	2009.187	1989.464	1969.737	1950.011	1938.226	1934.379
175	6500.009	6483.862	6467.712	6451.565	6446.228	6440.888	6435.551	6430.210	6426.293	6423.796
180	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281	9478.281

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	9478.511	9478.511	9478.511
5	6421.296	6418.799	6416.303
10	1930.533	1926.686	1922.840
15	635.091	634.235	633.376
20	413.480	413.679	413.879
25	369.073	369.346	369.616
30	293.078	293.483	293.888
35	119.153	118.883	118.613
40	21.904	21.674	21.444
45	12.322	12.316	12.309
50	11.362	11.380	11.398
55	10.929	10.969	11.009
60	8.886	8.905	8.923
65	6.208	6.224	6.239
70	4.285	4.288	4.288
75	2.929	2.936	2.939
80	1.604	1.604	1.604
85	0.337	0.337	0.337
90	0.123	0.123	0.123
95	0.337	0.337	0.337
100	1.604	1.604	1.604
105	2.929	2.936	2.939
110	4.285	4.288	4.288
115	6.208	6.224	6.239
120	8.886	8.905	8.923
125	10.929	10.969	11.009
130	11.362	11.380	11.398
135	12.322	12.316	12.309
140	21.904	21.674	21.444
145	119.153	118.883	118.613
150	293.078	293.483	293.888
155	369.073	369.346	369.616
160	413.480	413.679	413.879
165	635.091	634.235	633.376
170	1930.533	1926.686	1922.840
175	6421.302	6418.806	6416.309
180	9478.281	9478.281	9478.281

COEFFICIENTS OF UTILIZATION



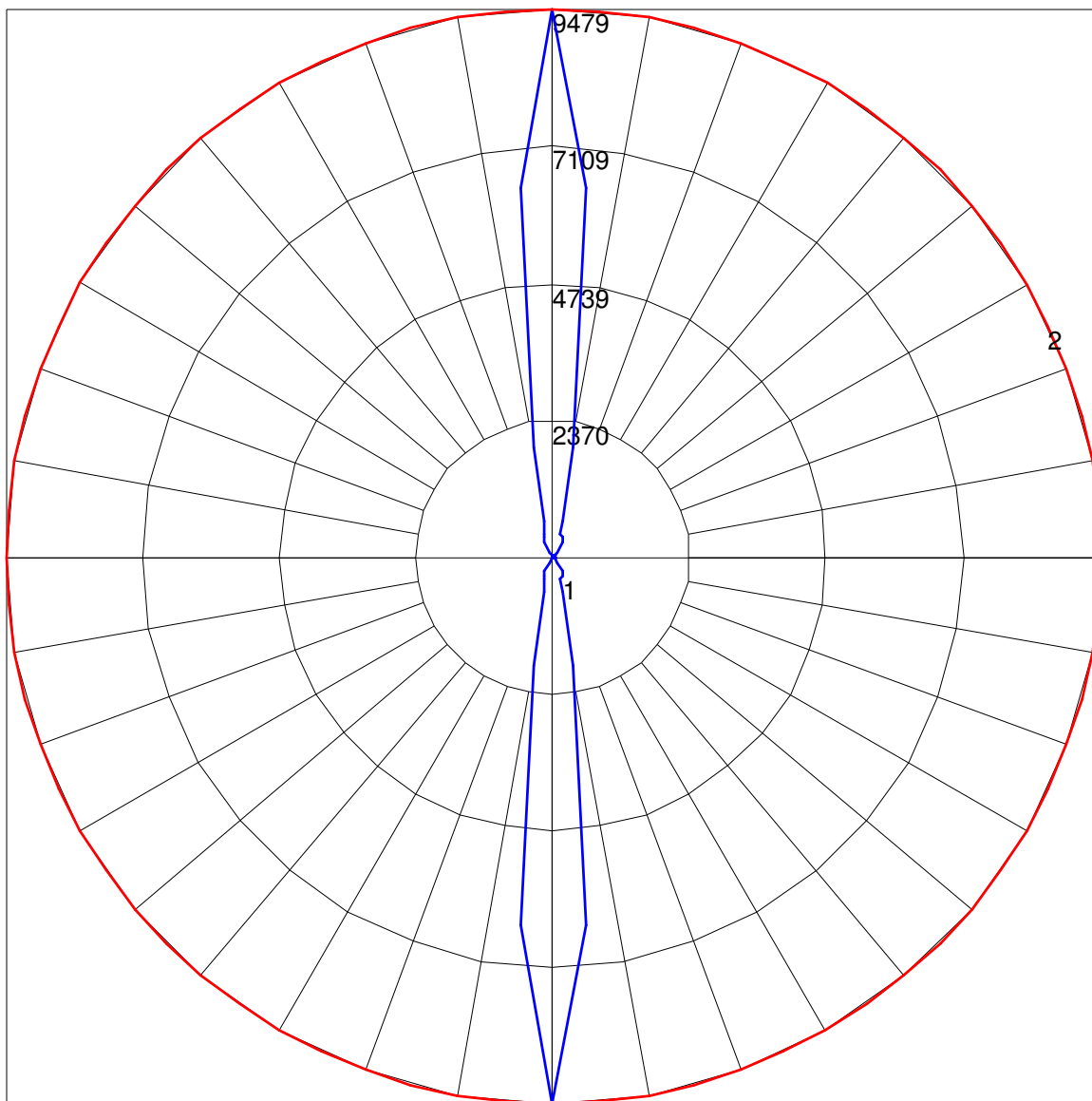
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	512.6	25.0
Downward House Side	512.6	25.0
Downward Total	1025.2	50.0
Upward Street Side	512.6	25.0
Upward House Side	512.6	25.0
Upward Total	1025.2	50.0
Total Flux	2050.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9478.511 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-L10-935U-L10-935D-XXX-DIM-UNV-S-XX.IES

Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

House Side

Street Side

PHOTO LUMENS

