

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-935U-L40-935D-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	6950
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10025.421
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10025.421
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.613 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.067 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1358.2	N.A.	19.5
FM - Front-Medium (30-60)	352.3	N.A.	5.1
FH - Front-High (60-80)	25.5	N.A.	0.4
FVH - Front-Very High (80-90)	1.4	N.A.	0.0
BL - Back-Low (0-30)	1358.2	N.A.	19.5
BM - Back-Medium (30-60)	352.3	N.A.	5.1
BH - Back-High (60-80)	25.5	N.A.	0.4
BVH - Back-Very High (80-90)	1.4	N.A.	0.0
UL - Uplight-Low (90-100)	2.9	N.A.	0.0
UH - Uplight-High (100-180)	3472.1	N.A.	50.0
Total	6949.8	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	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8632.630	8632.213	8631.795	8631.366	8630.949	8631.452	8632.875	8634.286	8635.709	8637.132
10	5719.044	5720.725	5722.418	5724.099	5725.780	5730.258	5737.521	5744.785	5752.048	5759.311
15	3577.057	3577.401	3577.732	3578.076	3578.407	3580.983	3585.793	3590.602	3595.412	3600.221
20	2508.340	2508.708	2509.076	2509.432	2509.800	2511.125	2513.395	2515.677	2517.946	2520.228
25	2004.488	2002.991	2001.482	1999.985	1998.476	1997.531	1997.151	1996.758	1996.378	1995.986
30	1522.205	1520.487	1518.782	1517.064	1515.359	1512.059	1507.163	1502.268	1497.385	1492.489
35	717.370	717.725	718.093	718.449	718.805	719.333	720.020	720.707	721.394	722.081
40	257.784	258.717	259.649	260.594	261.526	263.170	265.526	267.870	270.225	272.581
45	163.350	163.558	163.767	163.975	164.184	164.528	165.006	165.485	165.963	166.442
50	113.145	113.292	113.439	113.599	113.746	113.991	114.335	114.691	115.034	115.378
55	77.209	77.295	77.381	77.467	77.552	77.724	77.957	78.203	78.436	78.681
60	50.966	51.027	51.088	51.150	51.211	51.309	51.469	51.628	51.788	51.947
65	34.157	34.169	34.194	34.206	34.218	34.280	34.378	34.476	34.574	34.672
70	22.845	22.845	22.857	22.857	22.869	22.894	22.931	22.980	23.017	23.066
75	14.306	14.293	14.293	14.281	14.269	14.269	14.281	14.293	14.306	14.318
80	6.944	6.944	6.944	6.957	6.957	6.969	6.981	6.993	7.018	7.030
85	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
90	0.540	0.540	0.540	0.564	0.564	0.564	0.564	0.589	0.589	0.589
95	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
100	6.944	6.944	6.944	6.957	6.957	6.969	6.981	6.993	7.018	7.030
105	14.306	14.293	14.293	14.281	14.269	14.269	14.281	14.293	14.306	14.318
110	22.845	22.845	22.857	22.857	22.869	22.894	22.931	22.980	23.017	23.066
115	34.157	34.169	34.194	34.206	34.218	34.280	34.378	34.476	34.574	34.672
120	50.966	51.027	51.088	51.150	51.211	51.309	51.469	51.628	51.788	51.947
125	77.209	77.295	77.381	77.467	77.552	77.724	77.957	78.203	78.436	78.681
130	113.145	113.292	113.439	113.599	113.746	113.991	114.335	114.691	115.034	115.378
135	163.350	163.558	163.767	163.975	164.184	164.528	165.006	165.485	165.963	166.442
140	257.784	258.717	259.649	260.594	261.526	263.170	265.526	267.870	270.225	272.581
145	717.370	717.725	718.093	718.449	718.805	719.333	720.020	720.707	721.394	722.081
150	1522.205	1520.487	1518.782	1517.064	1515.359	1512.059	1507.163	1502.268	1497.385	1492.489
155	2004.488	2002.991	2001.482	1999.985	1998.476	1997.531	1997.151	1996.758	1996.378	1995.986
160	2508.340	2508.708	2509.076	2509.432	2509.800	2511.125	2513.395	2515.677	2517.946	2520.228
165	3577.057	3577.401	3577.732	3578.076	3578.407	3580.983	3585.793	3590.602	3595.412	3600.221
170	5719.044	5720.725	5722.418	5724.099	5725.780	5730.258	5737.521	5744.785	5752.048	5759.311
175	8632.630	8632.213	8631.795	8631.378	8630.949	8631.452	8632.875	8634.298	8635.709	8637.132
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8637.267	8637.402	8637.537	8637.672	8638.040	8638.629	8639.230	8639.819	8640.408	8639.819
10	5767.752	5776.206	5784.647	5793.100	5799.701	5804.449	5809.209	5813.957	5818.718	5813.957
15	3606.552	3612.883	3619.201	3625.532	3630.440	3633.912	3637.384	3640.869	3644.341	3640.869
20	2523.124	2526.007	2528.903	2531.786	2534.227	2536.215	2538.190	2540.178	2542.165	2540.178
25	1996.599	1997.200	1997.814	1998.415	1999.507	2001.077	2002.648	2004.218	2005.788	2004.218
30	1493.434	1494.367	1495.311	1496.256	1497.642	1499.471	1501.299	1503.127	1504.955	1503.127
35	725.062	728.031	731.013	733.994	735.822	736.522	737.221	737.920	738.620	737.920
40	273.808	275.047	276.274	277.513	278.691	279.820	280.948	282.077	283.206	282.077
45	166.564	166.699	166.822	166.957	167.080	167.202	167.313	167.435	167.558	167.435
50	115.586	115.795	116.004	116.212	116.359	116.445	116.543	116.629	116.727	116.629
55	78.853	79.037	79.209	79.393	79.516	79.601	79.687	79.761	79.847	79.761

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CANDELA TABULATION - (Cont.)

60	52.057	52.156	52.266	52.376	52.462	52.524	52.597	52.659	52.732	52.659
65	34.721	34.770	34.807	34.856	34.893	34.905	34.930	34.942	34.967	34.942
70	23.078	23.103	23.115	23.127	23.139	23.127	23.127	23.115	23.115	23.115
75	14.330	14.330	14.342	14.355	14.355	14.342	14.330	14.318	14.306	14.318
80	7.042	7.055	7.055	7.067	7.067	7.067	7.055	7.055	7.055	7.055
85	1.497	1.497	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485
90	0.589	0.589	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613
95	1.497	1.497	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485
100	7.042	7.055	7.055	7.067	7.067	7.067	7.055	7.055	7.055	7.055
105	14.330	14.330	14.342	14.355	14.355	14.342	14.330	14.318	14.306	14.318
110	23.078	23.103	23.115	23.127	23.139	23.127	23.127	23.115	23.115	23.115
115	34.721	34.770	34.807	34.856	34.893	34.905	34.930	34.942	34.967	34.942
120	52.057	52.156	52.266	52.376	52.462	52.524	52.597	52.659	52.732	52.659
125	78.853	79.037	79.209	79.393	79.516	79.601	79.687	79.761	79.847	79.761
130	115.586	115.795	116.004	116.212	116.359	116.445	116.543	116.629	116.727	116.629
135	166.564	166.699	166.822	166.957	167.080	167.202	167.313	167.435	167.558	167.435
140	273.808	275.047	276.274	277.513	278.691	279.820	280.948	282.077	283.206	282.077
145	725.062	728.031	731.013	733.994	735.822	736.522	737.221	737.920	738.620	737.920
150	1493.434	1494.367	1495.311	1496.256	1497.642	1499.471	1501.299	1503.127	1504.955	1503.127
155	1996.599	1997.200	1997.814	1998.415	1999.507	2001.077	2002.648	2004.218	2005.788	2004.218
160	2523.124	2526.007	2528.903	2531.786	2534.227	2536.215	2538.190	2540.178	2542.165	2540.178
165	3606.552	3612.883	3619.201	3625.532	3630.440	3633.912	3637.384	3640.869	3644.341	3640.869
170	5767.752	5776.206	5784.647	5793.100	5799.701	5804.449	5809.209	5813.957	5818.718	5813.957
175	8637.267	8637.402	8637.550	8637.685	8638.040	8638.642	8639.230	8639.819	8640.408	8639.819
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

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	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8639.230	8638.629	8638.040	8637.672	8637.537	8637.402	8637.267	8637.132	8635.709	8634.286
10	5809.209	5804.449	5799.701	5793.100	5784.647	5776.206	5767.752	5759.311	5752.048	5744.785
15	3637.384	3633.912	3630.440	3625.532	3619.201	3612.883	3606.552	3600.221	3595.412	3590.602
20	2538.190	2536.215	2534.227	2531.786	2528.903	2526.007	2523.124	2520.228	2517.946	2515.677
25	2002.648	2001.077	1999.507	1998.415	1997.814	1997.200	1996.599	1995.986	1996.378	1996.758
30	1501.299	1499.471	1497.642	1496.256	1495.311	1494.367	1493.434	1492.489	1497.385	1502.268
35	737.221	736.522	735.822	733.994	731.013	728.031	725.062	722.081	721.394	720.707
40	280.948	279.820	278.691	277.513	276.274	275.047	273.808	272.581	270.225	267.870
45	167.313	167.202	167.080	166.957	166.822	166.699	166.564	166.442	165.963	165.485
50	116.543	116.445	116.359	116.212	116.004	115.795	115.586	115.378	115.034	114.691
55	79.687	79.601	79.516	79.393	79.209	79.037	78.853	78.681	78.436	78.203
60	52.597	52.524	52.462	52.376	52.266	52.156	52.057	51.947	51.788	51.628
65	34.930	34.905	34.893	34.856	34.807	34.770	34.721	34.672	34.574	34.476
70	23.127	23.127	23.139	23.127	23.115	23.103	23.078	23.066	23.017	22.980
75	14.330	14.342	14.355	14.355	14.342	14.330	14.330	14.318	14.306	14.293
80	7.055	7.067	7.067	7.067	7.055	7.055	7.042	7.030	7.018	6.993
85	1.485	1.485	1.485	1.485	1.485	1.497	1.497	1.497	1.497	1.497
90	0.613	0.613	0.613	0.613	0.613	0.589	0.589	0.589	0.589	0.589
95	1.485	1.485	1.485	1.485	1.485	1.497	1.497	1.497	1.497	1.497
100	7.055	7.067	7.067	7.067	7.055	7.055	7.042	7.030	7.018	6.993
105	14.330	14.342	14.355	14.355	14.342	14.330	14.330	14.318	14.306	14.293
110	23.127	23.127	23.139	23.127	23.115	23.103	23.078	23.066	23.017	22.980
115	34.930	34.905	34.893	34.856	34.807	34.770	34.721	34.672	34.574	34.476
120	52.597	52.524	52.462	52.376	52.266	52.156	52.057	51.947	51.788	51.628
125	79.687	79.601	79.516	79.393	79.209	79.037	78.853	78.681	78.436	78.203
130	116.543	116.445	116.359	116.212	116.004	115.795	115.586	115.378	115.034	114.691

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CANDELA TABULATION - (Cont.)

135	167.313	167.202	167.080	166.957	166.822	166.699	166.564	166.442	165.963	165.485
140	280.948	279.820	278.691	277.513	276.274	275.047	273.808	272.581	270.225	267.870
145	737.221	736.522	735.822	733.994	731.013	728.031	725.062	722.081	721.394	720.707
150	1501.299	1499.471	1497.642	1496.256	1495.311	1494.367	1493.434	1492.489	1497.385	1502.268
155	2002.648	2001.077	1999.507	1998.415	1997.814	1997.200	1996.599	1995.986	1996.378	1996.758
160	2538.190	2536.215	2534.227	2531.786	2528.903	2526.007	2523.124	2520.228	2517.946	2515.677
165	3637.384	3633.912	3630.440	3625.532	3619.201	3612.883	3606.552	3600.221	3595.412	3590.602
170	5809.209	5804.449	5799.701	5793.100	5784.647	5776.206	5767.752	5759.311	5752.048	5744.785
175	8639.230	8638.642	8638.040	8637.685	8637.550	8637.402	8637.267	8637.132	8635.709	8634.298
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

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	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8632.875	8631.452	8630.949	8631.366	8631.795	8632.213	8632.630	8632.213	8631.795	8631.366
10	5737.521	5730.258	5725.780	5724.099	5722.418	5720.725	5719.044	5720.725	5722.418	5724.099
15	3585.793	3580.983	3578.407	3578.076	3577.732	3577.401	3577.057	3577.401	3577.732	3578.076
20	2513.395	2511.125	2509.800	2509.432	2509.076	2508.708	2508.340	2508.708	2509.076	2509.432
25	1997.151	1997.531	1998.476	1999.985	2001.482	2002.991	2004.488	2002.991	2001.482	1999.985
30	1507.163	1512.059	1515.359	1517.064	1518.782	1520.487	1522.205	1520.487	1518.782	1517.064
35	720.020	719.333	718.805	718.449	718.093	717.725	717.370	717.725	718.093	718.449
40	265.526	263.170	261.526	260.594	259.649	258.717	257.784	258.717	259.649	260.594
45	165.006	164.528	164.184	163.975	163.767	163.558	163.350	163.558	163.767	163.975
50	114.335	113.991	113.746	113.599	113.439	113.292	113.145	113.292	113.439	113.599
55	77.957	77.724	77.552	77.467	77.381	77.295	77.209	77.295	77.381	77.467
60	51.469	51.309	51.211	51.150	51.088	51.027	50.966	51.027	51.088	51.150
65	34.378	34.280	34.218	34.206	34.194	34.169	34.157	34.169	34.194	34.206
70	22.931	22.894	22.869	22.857	22.857	22.845	22.845	22.845	22.857	22.857
75	14.281	14.269	14.269	14.281	14.293	14.293	14.306	14.293	14.293	14.281
80	6.981	6.969	6.957	6.957	6.944	6.944	6.944	6.944	6.944	6.957
85	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
90	0.564	0.564	0.564	0.564	0.540	0.540	0.540	0.540	0.540	0.564
95	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
100	6.981	6.969	6.957	6.957	6.944	6.944	6.944	6.944	6.944	6.957
105	14.281	14.269	14.269	14.281	14.293	14.293	14.306	14.293	14.293	14.281
110	22.931	22.894	22.869	22.857	22.857	22.845	22.845	22.845	22.857	22.857
115	34.378	34.280	34.218	34.206	34.194	34.169	34.157	34.169	34.194	34.206
120	51.469	51.309	51.211	51.150	51.088	51.027	50.966	51.027	51.088	51.150
125	77.957	77.724	77.552	77.467	77.381	77.295	77.209	77.295	77.381	77.467
130	114.335	113.991	113.746	113.599	113.439	113.292	113.145	113.292	113.439	113.599
135	165.006	164.528	164.184	163.975	163.767	163.558	163.350	163.558	163.767	163.975
140	265.526	263.170	261.526	260.594	259.649	258.717	257.784	258.717	259.649	260.594
145	720.020	719.333	718.805	718.449	718.093	717.725	717.370	717.725	718.093	718.449
150	1507.163	1512.059	1515.359	1517.064	1518.782	1520.487	1522.205	1520.487	1518.782	1517.064
155	1997.151	1997.531	1998.476	1999.985	2001.482	2002.991	2004.488	2002.991	2001.482	1999.985
160	2513.395	2511.125	2509.800	2509.432	2509.076	2508.708	2508.340	2508.708	2509.076	2509.432
165	3585.793	3580.983	3578.407	3578.076	3577.732	3577.401	3577.057	3577.401	3577.732	3578.076
170	5737.521	5730.258	5725.780	5724.099	5722.418	5720.725	5719.044	5720.725	5722.418	5724.099
175	8632.875	8631.452	8630.949	8631.378	8631.795	8632.213	8632.630	8632.213	8631.795	8631.378
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

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	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	8630.949	8631.452	8632.875	8634.286	8635.709	8637.132	8637.267	8637.402	8637.537	8637.672
10	5725.780	5730.258	5737.521	5744.785	5752.048	5759.311	5767.752	5776.206	5784.647	5793.100
15	3578.407	3580.983	3585.793	3590.602	3595.412	3600.221	3606.552	3612.883	3619.201	3625.532
20	2509.800	2511.125	2513.395	2515.677	2517.946	2520.228	2523.124	2526.007	2528.903	2531.786
25	1998.476	1997.531	1997.151	1996.758	1996.378	1995.986	1996.599	1997.200	1997.814	1998.415
30	1515.359	1512.059	1507.163	1502.268	1497.385	1492.489	1493.434	1494.367	1495.311	1496.256
35	718.805	719.333	720.020	720.707	721.394	722.081	725.062	728.031	731.013	733.994
40	261.526	263.170	265.526	267.870	270.225	272.581	273.808	275.047	276.274	277.513
45	164.184	164.528	165.006	165.485	165.963	166.442	166.564	166.699	166.822	166.957
50	113.746	113.991	114.335	114.691	115.034	115.378	115.586	115.795	116.004	116.212
55	77.552	77.724	77.957	78.203	78.436	78.681	78.853	79.037	79.209	79.393
60	51.211	51.309	51.469	51.628	51.788	51.947	52.057	52.156	52.266	52.376
65	34.218	34.280	34.378	34.476	34.574	34.672	34.721	34.770	34.807	34.856
70	22.869	22.894	22.931	22.980	23.017	23.066	23.078	23.103	23.115	23.127
75	14.269	14.269	14.281	14.293	14.306	14.318	14.330	14.330	14.342	14.355
80	6.957	6.969	6.981	6.993	7.018	7.030	7.042	7.055	7.055	7.067
85	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.485	1.485
90	0.564	0.564	0.564	0.589	0.589	0.589	0.589	0.589	0.613	0.613
95	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.485	1.485
100	6.957	6.969	6.981	6.993	7.018	7.030	7.042	7.055	7.055	7.067
105	14.269	14.269	14.281	14.293	14.306	14.318	14.330	14.330	14.342	14.355
110	22.869	22.894	22.931	22.980	23.017	23.066	23.078	23.103	23.115	23.127
115	34.218	34.280	34.378	34.476	34.574	34.672	34.721	34.770	34.807	34.856
120	51.211	51.309	51.469	51.628	51.788	51.947	52.057	52.156	52.266	52.376
125	77.552	77.724	77.957	78.203	78.436	78.681	78.853	79.037	79.209	79.393
130	113.746	113.991	114.335	114.691	115.034	115.378	115.586	115.795	116.004	116.212
135	164.184	164.528	165.006	165.485	165.963	166.442	166.564	166.699	166.822	166.957
140	261.526	263.170	265.526	267.870	270.225	272.581	273.808	275.047	276.274	277.513
145	718.805	719.333	720.020	720.707	721.394	722.081	725.062	728.031	731.013	733.994
150	1515.359	1512.059	1507.163	1502.268	1497.385	1492.489	1493.434	1494.367	1495.311	1496.256
155	1998.476	1997.531	1997.151	1996.758	1996.378	1995.986	1996.599	1997.200	1997.814	1998.415
160	2509.800	2511.125	2513.395	2515.677	2517.946	2520.228	2523.124	2526.007	2528.903	2531.786
165	3578.407	3580.983	3585.793	3590.602	3595.412	3600.221	3606.552	3612.883	3619.201	3625.532
170	5725.780	5730.258	5737.521	5744.785	5752.048	5759.311	5767.752	5776.206	5784.647	5793.100
175	8630.949	8631.452	8632.875	8634.298	8635.709	8637.132	8637.267	8637.402	8637.550	8637.685
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

Vert. Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8638.040	8638.629	8639.230	8639.819	8640.408	8639.819	8639.230	8638.629	8638.040	8637.672
10	5799.701	5804.449	5809.209	5813.957	5818.718	5813.957	5809.209	5804.449	5799.701	5793.100
15	3630.440	3633.912	3637.384	3640.869	3644.341	3640.869	3637.384	3633.912	3630.440	3625.532
20	2534.227	2536.215	2538.190	2540.178	2542.165	2540.178	2538.190	2536.215	2534.227	2531.786
25	1999.507	2001.077	2002.648	2004.218	2005.788	2004.218	2002.648	2001.077	1999.507	1998.415
30	1497.642	1499.471	1501.299	1503.127	1504.955	1503.127	1501.299	1499.471	1497.642	1496.256
35	735.822	736.522	737.221	737.920	738.620	737.920	737.221	736.522	735.822	733.994
40	278.691	279.820	280.948	282.077	283.206	282.077	280.948	279.820	278.691	277.513
45	167.080	167.202	167.313	167.435	167.558	167.435	167.313	167.202	167.080	166.957
50	116.359	116.445	116.543	116.629	116.727	116.629	116.543	116.445	116.359	116.212
55	79.516	79.601	79.687	79.761	79.847	79.761	79.687	79.601	79.516	79.393
60	52.462	52.524	52.597	52.659	52.732	52.659	52.597	52.524	52.462	52.376
65	34.893	34.905	34.930	34.942	34.967	34.942	34.930	34.905	34.893	34.856
70	23.139	23.127	23.127	23.115	23.115	23.115	23.127	23.127	23.139	23.127
75	14.355	14.342	14.330	14.318	14.306	14.318	14.330	14.342	14.355	14.355

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	7.067	7.067	7.055	7.055	7.055	7.055	7.055	7.067	7.067	7.067
85	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485
90	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613
95	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485
100	7.067	7.067	7.055	7.055	7.055	7.055	7.055	7.067	7.067	7.067
105	14.355	14.342	14.330	14.318	14.306	14.318	14.330	14.342	14.355	14.355
110	23.139	23.127	23.127	23.115	23.115	23.115	23.127	23.127	23.139	23.127
115	34.893	34.905	34.930	34.942	34.967	34.942	34.930	34.905	34.893	34.856
120	52.462	52.524	52.597	52.659	52.732	52.659	52.597	52.524	52.462	52.376
125	79.516	79.601	79.687	79.761	79.847	79.761	79.687	79.601	79.516	79.393
130	116.359	116.445	116.543	116.629	116.727	116.629	116.543	116.445	116.359	116.212
135	167.080	167.202	167.313	167.435	167.558	167.435	167.313	167.202	167.080	166.957
140	278.691	279.820	280.948	282.077	283.206	282.077	280.948	279.820	278.691	277.513
145	735.822	736.522	737.221	737.920	738.620	737.920	737.221	736.522	735.822	733.994
150	1497.642	1499.471	1501.299	1503.127	1504.955	1503.127	1501.299	1499.471	1497.642	1496.256
155	1999.507	2001.077	2002.648	2004.218	2005.788	2004.218	2002.648	2001.077	1999.507	1998.415
160	2534.227	2536.215	2538.190	2540.178	2542.165	2540.178	2538.190	2536.215	2534.227	2531.786
165	3630.440	3633.912	3637.384	3640.869	3644.341	3640.869	3637.384	3633.912	3630.440	3625.532
170	5799.701	5804.449	5809.209	5813.957	5818.718	5813.957	5809.209	5804.449	5799.701	5793.100
175	8638.040	8638.642	8639.230	8639.819	8640.408	8639.819	8639.230	8638.642	8638.040	8637.685
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

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	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421	10025.421
5	8637.537	8637.402	8637.267	8637.132	8635.709	8634.286	8632.875	8631.452	8630.949	8631.366
10	5784.647	5776.206	5767.752	5759.311	5752.048	5744.785	5737.521	5730.258	5725.780	5724.099
15	3619.201	3612.883	3606.552	3600.221	3595.412	3590.602	3585.793	3580.983	3578.407	3578.076
20	2528.903	2526.007	2523.124	2520.228	2517.946	2515.677	2513.395	2511.125	2509.800	2509.432
25	1997.814	1997.200	1996.599	1995.986	1996.378	1996.758	1997.151	1997.531	1998.476	1999.985
30	1495.311	1494.367	1493.434	1492.489	1497.385	1502.268	1507.163	1512.059	1515.359	1517.064
35	731.013	728.031	725.062	722.081	721.394	720.707	720.020	719.333	718.805	718.449
40	276.274	275.047	273.808	272.581	270.225	267.870	265.526	263.170	261.526	260.594
45	166.822	166.699	166.564	166.442	165.963	165.485	165.006	164.528	164.184	163.975
50	116.004	115.795	115.586	115.378	115.034	114.691	114.335	113.991	113.746	113.599
55	79.209	79.037	78.853	78.681	78.436	78.203	77.957	77.724	77.552	77.467
60	52.266	52.156	52.057	51.947	51.788	51.628	51.469	51.309	51.211	51.150
65	34.807	34.770	34.721	34.672	34.574	34.476	34.378	34.280	34.218	34.206
70	23.115	23.103	23.078	23.066	23.017	22.980	22.931	22.894	22.869	22.857
75	14.342	14.330	14.330	14.318	14.306	14.293	14.281	14.269	14.269	14.281
80	7.055	7.055	7.042	7.030	7.018	6.993	6.981	6.969	6.957	6.957
85	1.485	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
90	0.613	0.589	0.589	0.589	0.589	0.589	0.564	0.564	0.564	0.564
95	1.485	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497	1.497
100	7.055	7.055	7.042	7.030	7.018	6.993	6.981	6.969	6.957	6.957
105	14.342	14.330	14.330	14.318	14.306	14.293	14.281	14.269	14.269	14.281
110	23.115	23.103	23.078	23.066	23.017	22.980	22.931	22.894	22.869	22.857
115	34.807	34.770	34.721	34.672	34.574	34.476	34.378	34.280	34.218	34.206
120	52.266	52.156	52.057	51.947	51.788	51.628	51.469	51.309	51.211	51.150
125	79.209	79.037	78.853	78.681	78.436	78.203	77.957	77.724	77.552	77.467
130	116.004	115.795	115.586	115.378	115.034	114.691	114.335	113.991	113.746	113.599
135	166.822	166.699	166.564	166.442	165.963	165.485	165.006	164.528	164.184	163.975
140	276.274	275.047	273.808	272.581	270.225	267.870	265.526	263.170	261.526	260.594
145	731.013	728.031	725.062	722.081	721.394	720.707	720.020	719.333	718.805	718.449
150	1495.311	1494.367	1493.434	1492.489	1497.385	1502.268	1507.163	1512.059	1515.359	1517.064

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1997.814	1997.200	1996.599	1995.986	1996.378	1996.758	1997.151	1997.531	1998.476	1999.985
160	2528.903	2526.007	2523.124	2520.228	2517.946	2515.677	2513.395	2511.125	2509.800	2509.432
165	3619.201	3612.883	3606.552	3600.221	3595.412	3590.602	3585.793	3580.983	3578.407	3578.076
170	5784.647	5776.206	5767.752	5759.311	5752.048	5744.785	5737.521	5730.258	5725.780	5724.099
175	8637.550	8637.402	8637.267	8637.132	8635.709	8634.298	8632.875	8631.452	8630.949	8631.378
180	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016	10025.016

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10025.421	10025.421	10025.421
5	8631.795	8632.213	8632.630
10	5722.418	5720.725	5719.044
15	3577.732	3577.401	3577.057
20	2509.076	2508.708	2508.340
25	2001.482	2002.991	2004.488
30	1518.782	1520.487	1522.205
35	718.093	717.725	717.370
40	259.649	258.717	257.784
45	163.767	163.558	163.350
50	113.439	113.292	113.145
55	77.381	77.295	77.209
60	51.088	51.027	50.966
65	34.194	34.169	34.157
70	22.857	22.845	22.845
75	14.293	14.293	14.306
80	6.944	6.944	6.944
85	1.497	1.497	1.497
90	0.540	0.540	0.540
95	1.497	1.497	1.497
100	6.944	6.944	6.944
105	14.293	14.293	14.306
110	22.857	22.845	22.845
115	34.194	34.169	34.157
120	51.088	51.027	50.966
125	77.381	77.295	77.209
130	113.439	113.292	113.145
135	163.767	163.558	163.350
140	259.649	258.717	257.784
145	718.093	717.725	717.370
150	1518.782	1520.487	1522.205
155	2001.482	2002.991	2004.488
160	2509.076	2508.708	2508.340
165	3577.732	3577.401	3577.057
170	5722.418	5720.725	5719.044
175	8631.795	8632.213	8632.630
180	10025.016	10025.016	10025.016

COEFFICIENTS OF UTILIZATION



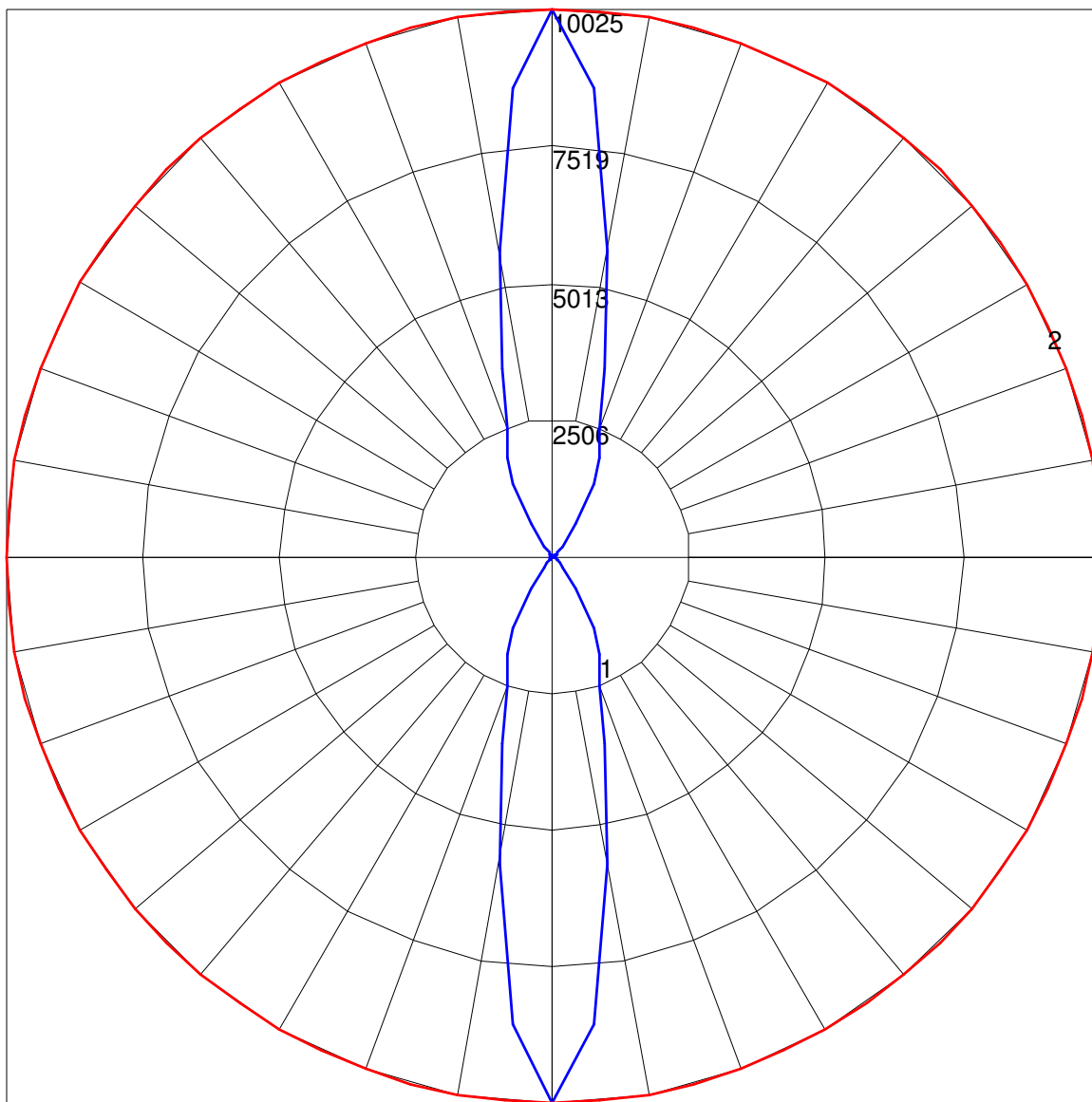
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1737.5	25.0
Downward House Side	1737.5	25.0
Downward Total	3475.0	50.0
Upward Street Side	1737.5	25.0
Upward House Side	1737.5	25.0
Upward Total	3475.0	50.0
Total Flux	6950.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10025.421 Located At Horizontal Angle = 360, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

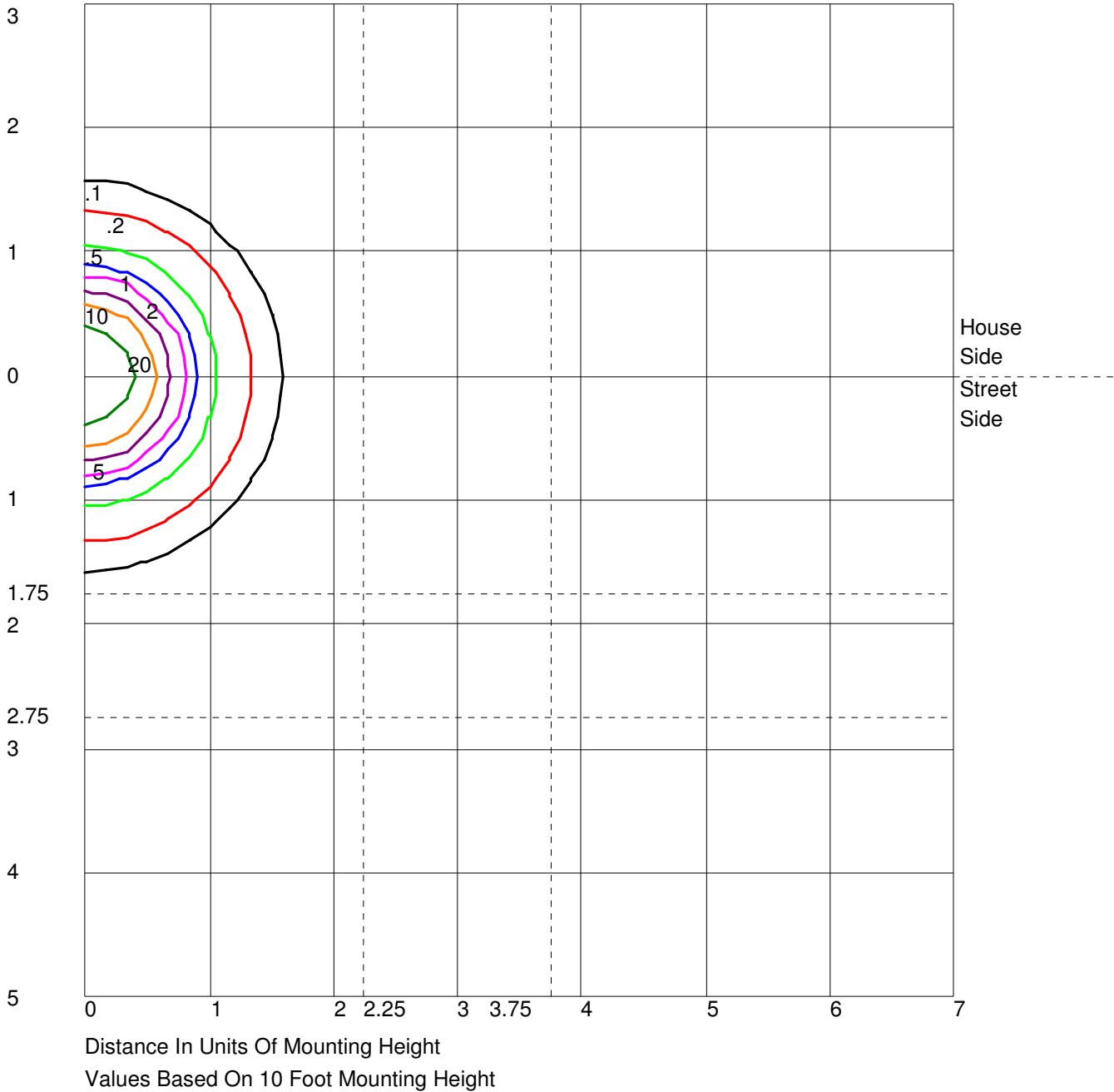


PHOTO LUMENS

