

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-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-L10-840U-L10-840D-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	2157
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9972.182
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9972.182
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.142 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.701 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	478.5	N.A.	22.2
FM - Front-Medium (30-60)	55.5	N.A.	2.6
FH - Front-High (60-80)	4.9	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	478.5	N.A.	22.2
BM - Back-Medium (30-60)	55.5	N.A.	2.6
BH - Back-High (60-80)	4.9	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)	1077.9	N.A.	50.0
Total	2157.0	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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6750.484	6753.111	6755.738	6758.361	6760.988	6765.109	6770.728	6776.343	6781.962	6787.577
10	2022.987	2027.034	2031.081	2035.128	2039.175	2051.573	2072.327	2093.081	2113.832	2134.586
15	666.364	667.268	668.168	669.072	669.972	674.132	681.551	688.967	696.387	703.803
20	435.435	435.225	435.015	434.806	434.596	435.215	436.671	438.123	439.579	441.031
25	388.867	388.583	388.296	388.012	387.725	387.615	387.679	387.747	387.812	387.876
30	309.195	308.769	308.343	307.913	307.488	306.778	305.787	304.796	303.805	302.815
35	124.791	125.075	125.359	125.640	125.924	126.047	126.005	125.963	125.921	125.879
40	22.561	22.803	23.045	23.287	23.529	23.826	24.184	24.543	24.901	25.259
45	12.951	12.957	12.964	12.973	12.980	12.986	12.989	12.996	12.999	13.005
50	11.992	11.973	11.953	11.937	11.918	11.892	11.860	11.828	11.795	11.763
55	11.582	11.540	11.498	11.456	11.414	11.360	11.298	11.234	11.172	11.108
60	9.388	9.368	9.349	9.327	9.307	9.268	9.210	9.149	9.091	9.033
65	6.564	6.548	6.532	6.516	6.500	6.490	6.487	6.483	6.480	6.477
70	4.512	4.512	4.508	4.508	4.505	4.505	4.508	4.508	4.512	4.512
75	3.092	3.088	3.082	3.079	3.075	3.072	3.072	3.069	3.069	3.069
80	1.688	1.688	1.688	1.685	1.685	1.685	1.685	1.688	1.688	1.688
85	0.355	0.355	0.355	0.349	0.349	0.349	0.349	0.345	0.345	0.345
90	0.129	0.129	0.129	0.136	0.136	0.136	0.136	0.142	0.142	0.142
95	0.355	0.355	0.355	0.349	0.349	0.349	0.349	0.345	0.345	0.345
100	1.688	1.688	1.688	1.685	1.685	1.685	1.685	1.688	1.688	1.688
105	3.092	3.088	3.082	3.079	3.075	3.072	3.072	3.069	3.069	3.069
110	4.512	4.512	4.508	4.508	4.505	4.505	4.508	4.508	4.512	4.512
115	6.564	6.548	6.532	6.516	6.500	6.490	6.487	6.483	6.480	6.477
120	9.388	9.368	9.349	9.327	9.307	9.268	9.210	9.149	9.091	9.033
125	11.582	11.540	11.498	11.456	11.414	11.360	11.298	11.234	11.172	11.108
130	11.992	11.973	11.953	11.937	11.918	11.892	11.860	11.828	11.795	11.763
135	12.951	12.957	12.964	12.973	12.980	12.986	12.989	12.996	12.999	13.005
140	22.561	22.803	23.045	23.287	23.529	23.826	24.184	24.543	24.901	25.259
145	124.791	125.075	125.359	125.640	125.924	126.047	126.005	125.963	125.921	125.879
150	309.195	308.769	308.343	307.913	307.488	306.778	305.787	304.796	303.805	302.815
155	388.867	388.583	388.296	388.012	387.725	387.615	387.679	387.747	387.812	387.876
160	435.435	435.225	435.015	434.806	434.596	435.215	436.671	438.123	439.579	441.031
165	666.364	667.268	668.168	669.072	669.972	674.132	681.551	688.967	696.387	703.803
170	2022.987	2027.034	2031.081	2035.128	2039.175	2051.573	2072.327	2093.081	2113.832	2134.586
175	6750.490	6753.117	6755.744	6758.368	6760.995	6765.116	6770.734	6776.350	6781.968	6787.583
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6804.565	6821.556	6838.543	6855.534	6864.567	6865.642	6866.717	6867.791	6868.866	6867.791
10	2150.957	2167.329	2183.700	2200.071	2212.338	2220.493	2228.648	2236.803	2244.958	2236.803
15	706.881	709.960	713.039	716.118	720.516	726.232	731.947	737.665	743.381	737.665
20	442.441	443.855	445.265	446.675	447.882	448.883	449.880	450.880	451.881	450.880
25	388.183	388.489	388.796	389.103	389.651	390.439	391.226	392.013	392.801	392.013
30	303.092	303.366	303.644	303.918	304.377	305.019	305.661	306.303	306.945	306.303
35	126.882	127.883	128.887	129.890	130.432	130.519	130.607	130.691	130.778	130.691
40	25.746	26.234	26.721	27.208	27.437	27.408	27.382	27.353	27.328	27.353
45	12.999	12.996	12.989	12.986	12.989	13.002	13.018	13.031	13.044	13.031
50	11.747	11.731	11.715	11.698	11.689	11.679	11.669	11.663	11.653	11.663
55	11.076	11.040	11.008	10.972	10.953	10.943	10.937	10.927	10.921	10.927

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CANDELA TABULATION - (Cont.)

60	9.017	9.001	8.984	8.968	8.975	9.004	9.033	9.062	9.091	9.062
65	6.470	6.464	6.458	6.451	6.454	6.464	6.474	6.487	6.496	6.487
70	4.508	4.505	4.502	4.499	4.499	4.502	4.505	4.508	4.512	4.508
75	3.063	3.059	3.053	3.050	3.046	3.050	3.053	3.053	3.056	3.053
80	1.688	1.691	1.688	1.691	1.691	1.694	1.697	1.697	1.701	1.697
85	0.345	0.345	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342
90	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142
95	0.345	0.345	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342
100	1.688	1.691	1.688	1.691	1.691	1.694	1.697	1.697	1.701	1.697
105	3.063	3.059	3.053	3.050	3.046	3.050	3.053	3.053	3.056	3.053
110	4.508	4.505	4.502	4.499	4.499	4.502	4.505	4.508	4.512	4.508
115	6.470	6.464	6.458	6.451	6.454	6.464	6.474	6.487	6.496	6.487
120	9.017	9.001	8.984	8.968	8.975	9.004	9.033	9.062	9.091	9.062
125	11.076	11.040	11.008	10.972	10.953	10.943	10.937	10.927	10.921	10.927
130	11.747	11.731	11.715	11.698	11.689	11.679	11.669	11.663	11.653	11.663
135	12.999	12.996	12.989	12.986	12.989	13.002	13.018	13.031	13.044	13.031
140	25.746	26.234	26.721	27.208	27.437	27.408	27.382	27.353	27.328	27.353
145	126.882	127.883	128.887	129.890	130.432	130.519	130.607	130.691	130.778	130.691
150	303.092	303.366	303.644	303.918	304.377	305.019	305.661	306.303	306.945	306.303
155	388.183	388.489	388.796	389.103	389.651	390.439	391.226	392.013	392.801	392.013
160	442.441	443.855	445.265	446.675	447.882	448.883	449.880	450.880	451.881	450.880
165	706.881	709.960	713.039	716.118	720.516	726.232	731.947	737.665	743.381	737.665
170	2150.957	2167.329	2183.700	2200.071	2212.338	2220.493	2228.648	2236.803	2244.958	2236.803
175	6804.571	6821.562	6838.550	6855.541	6864.571	6865.648	6866.723	6867.798	6868.872	6867.798
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6866.717	6865.642	6864.567	6855.534	6838.543	6821.556	6804.565	6787.577	6781.962	6776.343
10	2228.648	2220.493	2212.338	2200.071	2183.700	2167.329	2150.957	2134.586	2113.832	2093.081
15	731.947	726.232	720.516	716.118	713.039	709.960	706.881	703.803	696.387	688.967
20	449.880	448.883	447.882	446.675	445.265	443.855	442.441	441.031	439.579	438.123
25	391.226	390.439	389.651	389.103	388.796	388.489	388.183	387.876	387.812	387.747
30	305.661	305.019	304.377	303.918	303.644	303.366	303.092	302.815	303.805	304.796
35	130.607	130.519	130.432	129.890	128.887	127.883	126.882	125.879	125.921	125.963
40	27.382	27.408	27.437	27.208	26.721	26.234	25.746	25.259	24.901	24.543
45	13.018	13.002	12.989	12.986	12.989	12.996	12.999	13.005	12.999	12.996
50	11.669	11.679	11.689	11.698	11.715	11.731	11.747	11.763	11.795	11.828
55	10.937	10.943	10.953	10.972	11.008	11.040	11.076	11.108	11.172	11.234
60	9.033	9.004	8.975	8.968	8.984	9.001	9.017	9.033	9.091	9.149
65	6.474	6.464	6.454	6.451	6.458	6.464	6.470	6.477	6.480	6.483
70	4.505	4.502	4.499	4.499	4.502	4.505	4.508	4.512	4.512	4.508
75	3.053	3.050	3.046	3.050	3.053	3.059	3.063	3.069	3.069	3.069
80	1.697	1.694	1.691	1.691	1.688	1.691	1.688	1.688	1.688	1.688
85	0.342	0.342	0.342	0.342	0.342	0.345	0.345	0.345	0.345	0.345
90	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142
95	0.342	0.342	0.342	0.342	0.342	0.345	0.345	0.345	0.345	0.345
100	1.697	1.694	1.691	1.691	1.688	1.691	1.688	1.688	1.688	1.688
105	3.053	3.050	3.046	3.050	3.053	3.059	3.063	3.069	3.069	3.069
110	4.505	4.502	4.499	4.499	4.502	4.505	4.508	4.512	4.512	4.508
115	6.474	6.464	6.454	6.451	6.458	6.464	6.470	6.477	6.480	6.483
120	9.033	9.004	8.975	8.968	8.984	9.001	9.017	9.033	9.091	9.149
125	10.937	10.943	10.953	10.972	11.008	11.040	11.076	11.108	11.172	11.234
130	11.669	11.679	11.689	11.698	11.715	11.731	11.747	11.763	11.795	11.828

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CANDELA TABULATION - (Cont.)

135	13.018	13.002	12.989	12.986	12.989	12.996	12.999	13.005	12.999	12.996
140	27.382	27.408	27.437	27.208	26.721	26.234	25.746	25.259	24.901	24.543
145	130.607	130.519	130.432	129.890	128.887	127.883	126.882	125.879	125.921	125.963
150	305.661	305.019	304.377	303.918	303.644	303.366	303.092	302.815	303.805	304.796
155	391.226	390.439	389.651	389.103	388.796	388.489	388.183	387.876	387.812	387.747
160	449.880	448.883	447.882	446.675	445.265	443.855	442.441	441.031	439.579	438.123
165	731.947	726.232	720.516	716.118	713.039	709.960	706.881	703.803	696.387	688.967
170	2228.648	2220.493	2212.338	2200.071	2183.700	2167.329	2150.957	2134.586	2113.832	2093.081
175	6866.723	6865.645	6864.571	6855.541	6838.550	6821.562	6804.571	6787.583	6781.965	6776.350
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6770.728	6765.109	6760.988	6758.361	6755.738	6753.111	6750.484	6753.111	6755.738	6758.361
10	2072.327	2051.573	2039.175	2035.128	2031.081	2027.034	2022.987	2027.034	2031.081	2035.128
15	681.551	674.132	669.972	669.072	668.168	667.268	666.364	667.268	668.168	669.072
20	436.671	435.215	434.596	434.806	435.015	435.225	435.435	435.225	435.015	434.806
25	387.679	387.615	387.725	388.012	388.296	388.583	388.867	388.583	388.296	388.012
30	305.787	306.778	307.488	307.913	308.343	308.769	309.195	308.769	308.343	307.913
35	126.005	126.047	125.924	125.640	125.359	125.075	124.791	125.075	125.359	125.640
40	24.184	23.826	23.529	23.287	23.045	22.803	22.561	22.803	23.045	23.287
45	12.989	12.986	12.980	12.973	12.964	12.957	12.951	12.957	12.964	12.973
50	11.860	11.892	11.918	11.937	11.953	11.973	11.992	11.973	11.953	11.937
55	11.298	11.360	11.414	11.456	11.498	11.540	11.582	11.540	11.498	11.456
60	9.210	9.268	9.307	9.327	9.349	9.368	9.388	9.368	9.349	9.327
65	6.487	6.490	6.500	6.516	6.532	6.548	6.564	6.548	6.532	6.516
70	4.508	4.505	4.505	4.508	4.508	4.512	4.512	4.512	4.508	4.508
75	3.072	3.072	3.075	3.079	3.082	3.088	3.092	3.088	3.082	3.079
80	1.685	1.685	1.685	1.685	1.688	1.688	1.688	1.688	1.688	1.685
85	0.349	0.349	0.349	0.349	0.355	0.355	0.355	0.355	0.355	0.349
90	0.136	0.136	0.136	0.136	0.129	0.129	0.129	0.129	0.129	0.136
95	0.349	0.349	0.349	0.349	0.355	0.355	0.355	0.355	0.355	0.349
100	1.685	1.685	1.685	1.685	1.688	1.688	1.688	1.688	1.688	1.685
105	3.072	3.072	3.075	3.079	3.082	3.088	3.092	3.088	3.082	3.079
110	4.508	4.505	4.505	4.508	4.508	4.512	4.512	4.512	4.508	4.508
115	6.487	6.490	6.500	6.516	6.532	6.548	6.564	6.548	6.532	6.516
120	9.210	9.268	9.307	9.327	9.349	9.368	9.388	9.368	9.349	9.327
125	11.298	11.360	11.414	11.456	11.498	11.540	11.582	11.540	11.498	11.456
130	11.860	11.892	11.918	11.937	11.953	11.973	11.992	11.973	11.953	11.937
135	12.989	12.986	12.980	12.973	12.964	12.957	12.951	12.957	12.964	12.973
140	24.184	23.826	23.529	23.287	23.045	22.803	22.561	22.803	23.045	23.287
145	126.005	126.047	125.924	125.640	125.359	125.075	124.791	125.075	125.359	125.640
150	305.787	306.778	307.488	307.913	308.343	308.769	309.195	308.769	308.343	307.913
155	387.679	387.615	387.725	388.012	388.296	388.583	388.867	388.583	388.296	388.012
160	436.671	435.215	434.596	434.806	435.015	435.225	435.435	435.225	435.015	434.806
165	681.551	674.132	669.972	669.072	668.168	667.268	666.364	667.268	668.168	669.072
170	2072.327	2051.573	2039.175	2035.128	2031.081	2027.034	2022.987	2027.034	2031.081	2035.128
175	6770.734	6765.116	6760.995	6758.368	6755.741	6753.117	6750.490	6753.117	6755.741	6758.368
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6760.988	6765.109	6770.728	6776.343	6781.962	6787.577	6804.565	6821.556	6838.543	6855.534
10	2039.175	2051.573	2072.327	2093.081	2113.832	2134.586	2150.957	2167.329	2183.700	2200.071
15	669.972	674.132	681.551	688.967	696.387	703.803	706.881	709.960	713.039	716.118
20	434.596	435.215	436.671	438.123	439.579	441.031	442.441	443.855	445.265	446.675
25	387.725	387.615	387.679	387.747	387.812	387.876	388.183	388.489	388.796	389.103
30	307.488	306.778	305.787	304.796	303.805	302.815	303.092	303.366	303.644	303.918
35	125.924	126.047	126.005	125.963	125.921	125.879	126.882	127.883	128.887	129.890
40	23.529	23.826	24.184	24.543	24.901	25.259	25.746	26.234	26.721	27.208
45	12.980	12.986	12.989	12.996	12.999	13.005	12.999	12.996	12.989	12.986
50	11.918	11.892	11.860	11.828	11.795	11.763	11.747	11.731	11.715	11.698
55	11.414	11.360	11.298	11.234	11.172	11.108	11.076	11.040	11.008	10.972
60	9.307	9.268	9.210	9.149	9.091	9.033	9.017	9.001	8.984	8.968
65	6.500	6.490	6.487	6.483	6.480	6.477	6.470	6.464	6.458	6.451
70	4.505	4.505	4.508	4.508	4.512	4.512	4.508	4.505	4.502	4.499
75	3.075	3.072	3.072	3.069	3.069	3.069	3.063	3.059	3.053	3.050
80	1.685	1.685	1.685	1.688	1.688	1.688	1.688	1.691	1.688	1.691
85	0.349	0.349	0.349	0.345	0.345	0.345	0.345	0.345	0.342	0.342
90	0.136	0.136	0.136	0.142	0.142	0.142	0.142	0.142	0.142	0.142
95	0.349	0.349	0.349	0.345	0.345	0.345	0.345	0.345	0.342	0.342
100	1.685	1.685	1.685	1.688	1.688	1.688	1.688	1.691	1.688	1.691
105	3.075	3.072	3.072	3.069	3.069	3.069	3.063	3.059	3.053	3.050
110	4.505	4.505	4.508	4.508	4.512	4.512	4.508	4.505	4.502	4.499
115	6.500	6.490	6.487	6.483	6.480	6.477	6.470	6.464	6.458	6.451
120	9.307	9.268	9.210	9.149	9.091	9.033	9.017	9.001	8.984	8.968
125	11.414	11.360	11.298	11.234	11.172	11.108	11.076	11.040	11.008	10.972
130	11.918	11.892	11.860	11.828	11.795	11.763	11.747	11.731	11.715	11.698
135	12.980	12.986	12.989	12.996	12.999	13.005	12.999	12.996	12.989	12.986
140	23.529	23.826	24.184	24.543	24.901	25.259	25.746	26.234	26.721	27.208
145	125.924	126.047	126.005	125.963	125.921	125.879	126.882	127.883	128.887	129.890
150	307.488	306.778	305.787	304.796	303.805	302.815	303.092	303.366	303.644	303.918
155	387.725	387.615	387.679	387.747	387.812	387.876	388.183	388.489	388.796	389.103
160	434.596	435.215	436.671	438.123	439.579	441.031	442.441	443.855	445.265	446.675
165	669.972	674.132	681.551	688.967	696.387	703.803	706.881	709.960	713.039	716.118
170	2039.175	2051.573	2072.327	2093.081	2113.832	2134.586	2150.957	2167.329	2183.700	2200.071
175	6760.995	6765.116	6770.734	6776.350	6781.965	6787.583	6804.571	6821.562	6838.550	6855.541
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6864.567	6865.642	6866.717	6867.791	6868.866	6867.791	6866.717	6865.642	6864.567	6855.534
10	2212.338	2220.493	2228.648	2236.803	2244.958	2236.803	2228.648	2220.493	2212.338	2200.071
15	720.516	726.232	731.947	737.665	743.381	737.665	731.947	726.232	720.516	716.118
20	447.882	448.883	449.880	450.880	451.881	450.880	449.880	448.883	447.882	446.675
25	389.651	390.439	391.226	392.013	392.801	392.013	391.226	390.439	389.651	389.103
30	304.377	305.019	305.661	306.303	306.945	306.303	305.661	305.019	304.377	303.918
35	130.432	130.519	130.607	130.691	130.778	130.691	130.607	130.519	130.432	129.890
40	27.437	27.408	27.382	27.353	27.328	27.353	27.382	27.408	27.437	27.208
45	12.989	13.002	13.018	13.031	13.044	13.031	13.018	13.002	12.989	12.986
50	11.689	11.679	11.669	11.663	11.653	11.663	11.669	11.679	11.689	11.698
55	10.953	10.943	10.937	10.927	10.921	10.927	10.937	10.943	10.953	10.972
60	8.975	9.004	9.033	9.062	9.091	9.062	9.033	9.004	8.975	8.968
65	6.454	6.464	6.474	6.487	6.496	6.487	6.474	6.464	6.454	6.451
70	4.499	4.502	4.505	4.508	4.512	4.508	4.505	4.502	4.499	4.499
75	3.046	3.050	3.053	3.053	3.056	3.053	3.053	3.050	3.046	3.050

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.691	1.694	1.697	1.697	1.701	1.697	1.697	1.694	1.691	1.691
85	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342
90	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142
95	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342	0.342
100	1.691	1.694	1.697	1.697	1.701	1.697	1.697	1.694	1.691	1.691
105	3.046	3.050	3.053	3.053	3.056	3.053	3.053	3.050	3.046	3.050
110	4.499	4.502	4.505	4.508	4.512	4.508	4.505	4.502	4.499	4.499
115	6.454	6.464	6.474	6.487	6.496	6.487	6.474	6.464	6.454	6.451
120	8.975	9.004	9.033	9.062	9.091	9.062	9.033	9.004	8.975	8.968
125	10.953	10.943	10.937	10.927	10.921	10.927	10.937	10.943	10.953	10.972
130	11.689	11.679	11.669	11.663	11.653	11.663	11.669	11.679	11.689	11.698
135	12.989	13.002	13.018	13.031	13.044	13.031	13.018	13.002	12.989	12.986
140	27.437	27.408	27.382	27.353	27.328	27.353	27.382	27.408	27.437	27.208
145	130.432	130.519	130.607	130.691	130.778	130.691	130.607	130.519	130.432	129.890
150	304.377	305.019	305.661	306.303	306.945	306.303	305.661	305.019	304.377	303.918
155	389.651	390.439	391.226	392.013	392.801	392.013	391.226	390.439	389.651	389.103
160	447.882	448.883	449.880	450.880	451.881	450.880	449.880	448.883	447.882	446.675
165	720.516	726.232	731.947	737.665	743.381	737.665	731.947	726.232	720.516	716.118
170	2212.338	2220.493	2228.648	2236.803	2244.958	2236.803	2228.648	2220.493	2212.338	2200.071
175	6864.571	6865.645	6866.723	6867.798	6868.872	6867.798	6866.723	6865.648	6864.571	6855.541
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

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	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182	9972.182
5	6838.543	6821.556	6804.565	6787.577	6781.962	6776.343	6770.728	6765.109	6760.988	6758.361
10	2183.700	2167.329	2150.957	2134.586	2118.215	2099.844	2077.473	2051.102	2030.731	2035.128
15	713.039	709.960	706.881	703.803	696.387	688.967	681.551	674.132	669.972	669.072
20	445.265	443.855	442.441	441.031	439.579	438.123	436.671	435.215	434.596	434.806
25	388.796	388.489	388.183	387.876	387.812	387.747	387.679	387.615	387.725	388.012
30	303.644	303.366	303.092	302.815	303.805	304.796	305.787	306.778	307.488	307.913
35	128.887	127.883	126.882	125.879	125.921	125.963	126.005	126.047	125.924	125.640
40	26.721	26.234	25.746	25.259	24.901	24.543	24.184	23.826	23.529	23.287
45	12.989	12.996	12.999	13.005	12.999	12.996	12.989	12.986	12.980	12.973
50	11.715	11.731	11.747	11.763	11.795	11.828	11.860	11.892	11.918	11.937
55	11.008	11.040	11.076	11.108	11.172	11.234	11.298	11.360	11.414	11.456
60	8.984	9.001	9.017	9.033	9.091	9.149	9.210	9.268	9.307	9.327
65	6.458	6.464	6.470	6.477	6.480	6.483	6.487	6.490	6.500	6.516
70	4.502	4.505	4.508	4.512	4.512	4.508	4.508	4.505	4.505	4.508
75	3.053	3.059	3.063	3.069	3.069	3.069	3.072	3.072	3.075	3.079
80	1.688	1.691	1.688	1.688	1.688	1.688	1.685	1.685	1.685	1.685
85	0.342	0.345	0.345	0.345	0.345	0.345	0.349	0.349	0.349	0.349
90	0.142	0.142	0.142	0.142	0.142	0.142	0.136	0.136	0.136	0.136
95	0.342	0.345	0.345	0.345	0.345	0.345	0.349	0.349	0.349	0.349
100	1.688	1.691	1.688	1.688	1.688	1.688	1.685	1.685	1.685	1.685
105	3.053	3.059	3.063	3.069	3.069	3.069	3.072	3.072	3.075	3.079
110	4.502	4.505	4.508	4.512	4.512	4.508	4.508	4.505	4.505	4.508
115	6.458	6.464	6.470	6.477	6.480	6.483	6.487	6.490	6.500	6.516
120	8.984	9.001	9.017	9.033	9.091	9.149	9.210	9.268	9.307	9.327
125	11.008	11.040	11.076	11.108	11.172	11.234	11.298	11.360	11.414	11.456
130	11.715	11.731	11.747	11.763	11.795	11.828	11.860	11.892	11.918	11.937
135	12.989	12.996	12.999	13.005	12.999	12.996	12.989	12.986	12.980	12.973
140	26.721	26.234	25.746	25.259	24.901	24.543	24.184	23.826	23.529	23.287
145	128.887	127.883	126.882	125.879	125.921	125.963	126.005	126.047	125.924	125.640
150	303.644	303.366	303.092	302.815	303.805	304.796	305.787	306.778	307.488	307.913

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	388.796	388.489	388.183	387.876	387.812	387.747	387.679	387.615	387.725	388.012
160	445.265	443.855	442.441	441.031	439.579	438.123	436.671	435.215	434.596	434.806
165	713.039	709.960	706.881	703.803	696.387	688.967	681.551	674.132	669.972	669.072
170	2183.700	2167.329	2150.957	2134.586	2113.832	2093.081	2072.327	2051.573	2039.175	2035.128
175	6838.550	6821.562	6804.571	6787.583	6781.968	6776.350	6770.734	6765.116	6760.995	6758.368
180	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940	9971.940

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9972.182	9972.182	9972.182
5	6755.738	6753.111	6750.484
10	2031.081	2027.034	2022.987
15	668.168	667.268	666.364
20	435.015	435.225	435.435
25	388.296	388.583	388.867
30	308.343	308.769	309.195
35	125.359	125.075	124.791
40	23.045	22.803	22.561
45	12.964	12.957	12.951
50	11.953	11.973	11.992
55	11.498	11.540	11.582
60	9.349	9.368	9.388
65	6.532	6.548	6.564
70	4.508	4.512	4.512
75	3.082	3.088	3.092
80	1.688	1.688	1.688
85	0.355	0.355	0.355
90	0.129	0.129	0.129
95	0.355	0.355	0.355
100	1.688	1.688	1.688
105	3.082	3.088	3.092
110	4.508	4.512	4.512
115	6.532	6.548	6.564
120	9.349	9.368	9.388
125	11.498	11.540	11.582
130	11.953	11.973	11.992
135	12.964	12.957	12.951
140	23.045	22.803	22.561
145	125.359	125.075	124.791
150	308.343	308.769	309.195
155	388.296	388.583	388.867
160	435.015	435.225	435.435
165	668.168	667.268	666.364
170	2031.081	2027.034	2022.987
175	6755.744	6753.117	6750.490
180	9971.940	9971.940	9971.940

COEFFICIENTS OF UTILIZATION



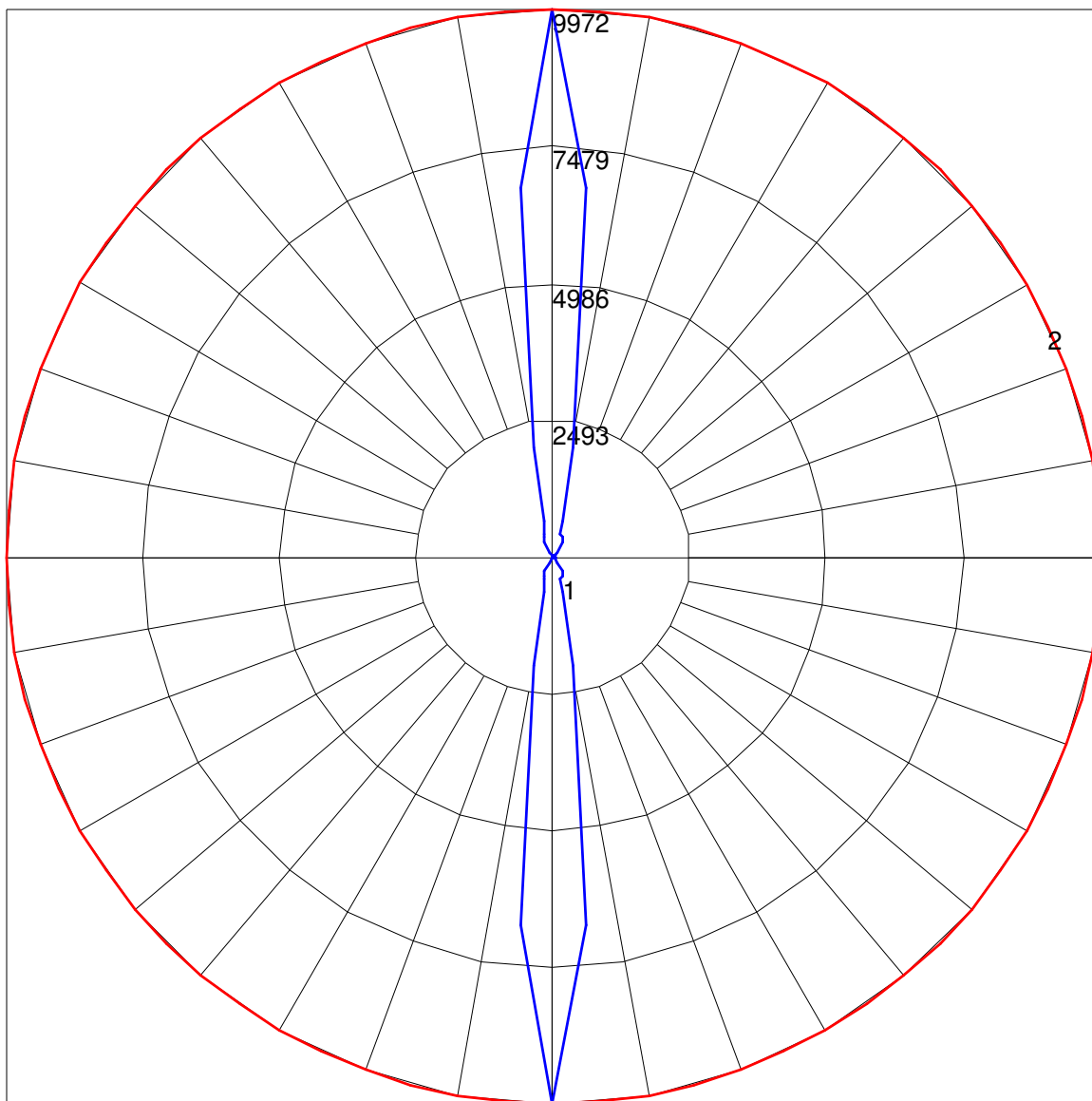
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	539.3	25.0
Downward House Side	539.3	25.0
Downward Total	1078.6	50.0
Upward Street Side	539.3	25.0
Upward House Side	539.3	25.0
Upward Total	1078.6	50.0
Total Flux	2157.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9972.182 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

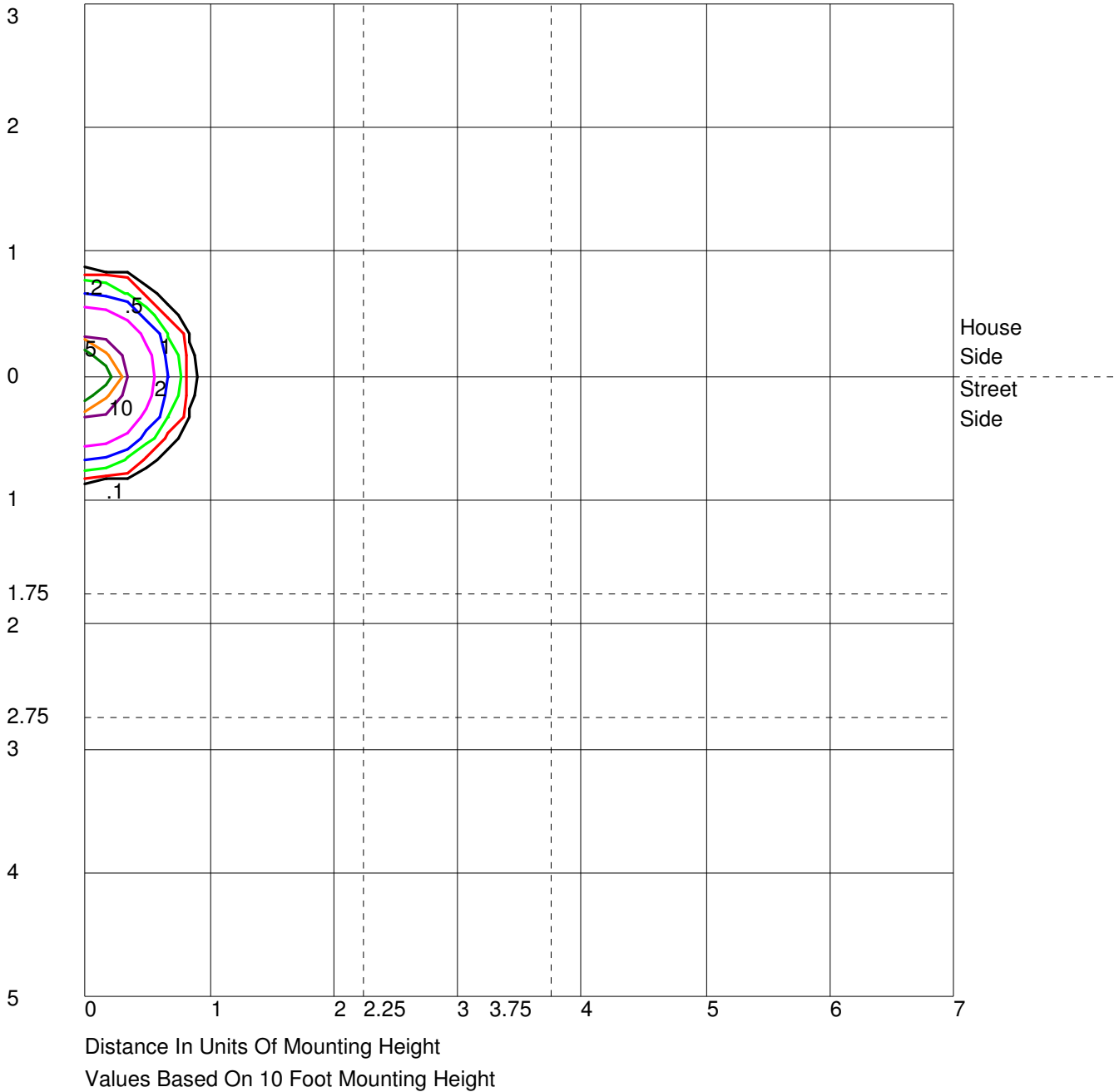


PHOTO LUMENS

