

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-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-L20-935U-L20-935D-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	3690
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5322.889
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5322.889
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.326 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.752 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	721.1	N.A.	19.5
FM - Front-Medium (30-60)	187.1	N.A.	5.1
FH - Front-High (60-80)	13.6	N.A.	0.4
FVH - Front-Very High (80-90)	0.8	N.A.	0.0
BL - Back-Low (0-30)	721.1	N.A.	19.5
BM - Back-Medium (30-60)	187.1	N.A.	5.1
BH - Back-High (60-80)	13.6	N.A.	0.4
BVH - Back-Very High (80-90)	0.8	N.A.	0.0
UL - Uplight-Low (90-100)	1.5	N.A.	0.0
UH - Uplight-High (100-180)	1843.5	N.A.	50.0
Total	3690.2	N.A.	100.0
BUG Rating	B2-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4583.402	4583.180	4582.959	4582.731	4582.509	4582.776	4583.532	4584.281	4585.037	4585.792
10	3036.465	3037.357	3038.256	3039.149	3040.041	3042.419	3046.275	3050.131	3053.988	3057.844
15	1899.200	1899.382	1899.558	1899.741	1899.917	1901.285	1903.838	1906.392	1908.945	1911.499
20	1331.776	1331.971	1332.167	1332.356	1332.551	1333.255	1334.460	1335.671	1336.877	1338.088
25	1064.261	1063.467	1062.665	1061.871	1061.069	1060.568	1060.366	1060.157	1059.955	1059.747
30	808.198	807.286	806.381	805.469	804.564	802.811	800.212	797.613	795.020	792.421
35	380.880	381.069	381.264	381.453	381.642	381.922	382.287	382.651	383.016	383.381
40	136.868	137.363	137.858	138.360	138.855	139.728	140.978	142.222	143.473	144.724
45	86.729	86.840	86.950	87.061	87.172	87.354	87.608	87.862	88.116	88.370
50	60.073	60.151	60.229	60.314	60.392	60.523	60.705	60.894	61.076	61.259
55	40.993	41.039	41.084	41.130	41.176	41.267	41.391	41.521	41.645	41.775
60	27.060	27.092	27.125	27.157	27.190	27.242	27.327	27.411	27.496	27.581
65	18.135	18.142	18.155	18.161	18.168	18.200	18.253	18.305	18.357	18.409
70	12.129	12.129	12.136	12.136	12.142	12.155	12.175	12.201	12.220	12.247
75	7.595	7.589	7.589	7.582	7.576	7.576	7.582	7.589	7.595	7.602
80	3.687	3.687	3.687	3.693	3.693	3.700	3.707	3.713	3.726	3.733
85	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
90	0.287	0.287	0.287	0.300	0.300	0.300	0.300	0.313	0.313	0.313
95	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
100	3.687	3.687	3.687	3.693	3.693	3.700	3.707	3.713	3.726	3.733
105	7.595	7.589	7.589	7.582	7.576	7.576	7.582	7.589	7.595	7.602
110	12.129	12.129	12.136	12.136	12.142	12.155	12.175	12.201	12.220	12.247
115	18.135	18.142	18.155	18.161	18.168	18.200	18.253	18.305	18.357	18.409
120	27.060	27.092	27.125	27.157	27.190	27.242	27.327	27.411	27.496	27.581
125	40.993	41.039	41.084	41.130	41.176	41.267	41.391	41.521	41.645	41.775
130	60.073	60.151	60.229	60.314	60.392	60.523	60.705	60.894	61.076	61.259
135	86.729	86.840	86.950	87.061	87.172	87.354	87.608	87.862	88.116	88.370
140	136.868	137.363	137.858	138.360	138.855	139.728	140.978	142.222	143.473	144.724
145	380.880	381.069	381.264	381.453	381.642	381.922	382.287	382.651	383.016	383.381
150	808.198	807.286	806.381	805.469	804.564	802.811	800.212	797.613	795.020	792.421
155	1064.261	1063.467	1062.665	1061.871	1061.069	1060.568	1060.366	1060.157	1059.955	1059.747
160	1331.776	1331.971	1332.167	1332.356	1332.551	1333.255	1334.460	1335.671	1336.877	1338.088
165	1899.200	1899.382	1899.558	1899.741	1899.917	1901.285	1903.838	1906.392	1908.945	1911.499
170	3036.465	3037.357	3038.256	3039.149	3040.041	3042.419	3046.275	3050.131	3053.988	3057.844
175	4583.402	4583.180	4582.959	4582.737	4582.509	4582.776	4583.532	4584.288	4585.037	4585.792
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4585.864	4585.936	4586.007	4586.079	4586.274	4586.587	4586.906	4587.219	4587.532	4587.219
10	3062.326	3066.814	3071.296	3075.784	3079.289	3081.810	3084.337	3086.858	3089.385	3086.858
15	1914.860	1918.221	1921.576	1924.937	1927.543	1929.386	1931.230	1933.080	1934.923	1933.080
20	1339.625	1341.156	1342.694	1344.224	1345.521	1346.576	1347.625	1348.680	1349.735	1348.680
25	1060.073	1060.392	1060.718	1061.037	1061.617	1062.450	1063.284	1064.118	1064.952	1064.118
30	792.923	793.418	793.919	794.421	795.157	796.128	797.098	798.069	799.040	798.069
35	384.964	386.540	388.123	389.706	390.677	391.048	391.419	391.791	392.162	391.791
40	145.375	146.033	146.685	147.343	147.968	148.567	149.166	149.766	150.365	149.766
45	88.435	88.507	88.572	88.644	88.709	88.774	88.833	88.898	88.963	88.898
50	61.369	61.480	61.591	61.702	61.780	61.825	61.877	61.923	61.975	61.923
55	41.866	41.964	42.055	42.153	42.218	42.264	42.309	42.348	42.394	42.348

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CANDELA TABULATION - (Cont.)

60	27.639	27.691	27.750	27.809	27.854	27.887	27.926	27.959	27.998	27.959
65	18.435	18.461	18.481	18.507	18.526	18.533	18.546	18.552	18.565	18.552
70	12.253	12.266	12.273	12.279	12.286	12.279	12.279	12.273	12.273	12.273
75	7.608	7.608	7.615	7.622	7.622	7.615	7.608	7.602	7.595	7.602
80	3.739	3.746	3.746	3.752	3.752	3.752	3.746	3.746	3.746	3.746
85	0.795	0.795	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788
90	0.313	0.313	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326
95	0.795	0.795	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788
100	3.739	3.746	3.746	3.752	3.752	3.752	3.746	3.746	3.746	3.746
105	7.608	7.608	7.615	7.622	7.622	7.615	7.608	7.602	7.595	7.602
110	12.253	12.266	12.273	12.279	12.286	12.279	12.279	12.273	12.273	12.273
115	18.435	18.461	18.481	18.507	18.526	18.533	18.546	18.552	18.565	18.552
120	27.639	27.691	27.750	27.809	27.854	27.887	27.926	27.959	27.998	27.959
125	41.866	41.964	42.055	42.153	42.218	42.264	42.309	42.348	42.394	42.348
130	61.369	61.480	61.591	61.702	61.780	61.825	61.877	61.923	61.975	61.923
135	88.435	88.507	88.572	88.644	88.709	88.774	88.833	88.898	88.963	88.898
140	145.375	146.033	146.685	147.343	147.968	148.567	149.166	149.766	150.365	149.766
145	384.964	386.540	388.123	389.706	390.677	391.048	391.419	391.791	392.162	391.791
150	792.923	793.418	793.919	794.421	795.157	796.128	797.098	798.069	799.040	798.069
155	1060.073	1060.392	1060.718	1061.037	1061.617	1062.450	1063.284	1064.118	1064.952	1064.118
160	1339.625	1341.156	1342.694	1344.224	1345.521	1346.576	1347.625	1348.680	1349.735	1348.680
165	1914.860	1918.221	1921.576	1924.937	1927.543	1929.386	1931.230	1933.080	1934.923	1933.080
170	3062.326	3066.814	3071.296	3075.784	3079.289	3081.810	3084.337	3086.858	3089.385	3086.858
175	4585.864	4585.936	4586.014	4586.086	4586.274	4586.594	4586.906	4587.219	4587.532	4587.219
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

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	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4586.906	4586.587	4586.274	4586.079	4586.007	4585.936	4585.864	4585.792	4585.037	4584.281
10	3084.337	3081.810	3079.289	3075.784	3071.296	3066.814	3062.326	3057.844	3053.988	3050.131
15	1931.230	1929.386	1927.543	1924.937	1921.576	1918.221	1914.860	1911.499	1908.945	1906.392
20	1347.625	1346.576	1345.521	1344.224	1342.694	1341.156	1339.625	1338.088	1336.877	1335.671
25	1063.284	1062.450	1061.617	1061.037	1060.718	1060.392	1060.073	1059.747	1059.955	1060.157
30	797.098	796.128	795.157	794.421	793.919	793.418	792.923	792.421	795.020	797.613
35	391.419	391.048	390.677	389.706	388.123	386.540	384.964	383.381	383.016	382.651
40	149.166	148.567	147.968	147.343	146.685	146.033	145.375	144.724	143.473	142.222
45	88.833	88.774	88.709	88.644	88.572	88.507	88.435	88.370	88.116	87.862
50	61.877	61.825	61.780	61.702	61.591	61.480	61.369	61.259	61.076	60.894
55	42.309	42.264	42.218	42.153	42.055	41.964	41.866	41.775	41.645	41.521
60	27.926	27.887	27.854	27.809	27.750	27.691	27.639	27.581	27.496	27.411
65	18.546	18.533	18.526	18.507	18.481	18.461	18.435	18.409	18.357	18.305
70	12.279	12.279	12.286	12.279	12.273	12.266	12.253	12.247	12.220	12.201
75	7.608	7.615	7.622	7.622	7.615	7.608	7.608	7.602	7.595	7.589
80	3.746	3.752	3.752	3.752	3.746	3.746	3.739	3.733	3.726	3.713
85	0.788	0.788	0.788	0.788	0.788	0.795	0.795	0.795	0.795	0.795
90	0.326	0.326	0.326	0.326	0.326	0.313	0.313	0.313	0.313	0.313
95	0.788	0.788	0.788	0.788	0.788	0.795	0.795	0.795	0.795	0.795
100	3.746	3.752	3.752	3.752	3.746	3.746	3.739	3.733	3.726	3.713
105	7.608	7.615	7.622	7.622	7.615	7.608	7.608	7.602	7.595	7.589
110	12.279	12.279	12.286	12.279	12.273	12.266	12.253	12.247	12.220	12.201
115	18.546	18.533	18.526	18.507	18.481	18.461	18.435	18.409	18.357	18.305
120	27.926	27.887	27.854	27.809	27.750	27.691	27.639	27.581	27.496	27.411
125	42.309	42.264	42.218	42.153	42.055	41.964	41.866	41.775	41.645	41.521
130	61.877	61.825	61.780	61.702	61.591	61.480	61.369	61.259	61.076	60.894

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CANDELA TABULATION - (Cont.)

135	88.833	88.774	88.709	88.644	88.572	88.507	88.435	88.370	88.116	87.862
140	149.166	148.567	147.968	147.343	146.685	146.033	145.375	144.724	143.473	142.222
145	391.419	391.048	390.677	389.706	388.123	386.540	384.964	383.381	383.016	382.651
150	797.098	796.128	795.157	794.421	793.919	793.418	792.923	792.421	795.020	797.613
155	1063.284	1062.450	1061.617	1061.037	1060.718	1060.392	1060.073	1059.747	1059.955	1060.157
160	1347.625	1346.576	1345.521	1344.224	1342.694	1341.156	1339.625	1338.088	1336.877	1335.671
165	1931.230	1929.386	1927.543	1924.937	1921.576	1918.221	1914.860	1911.499	1908.945	1906.392
170	3084.337	3081.810	3079.289	3075.784	3071.296	3066.814	3062.326	3057.844	3053.988	3050.131
175	4586.906	4586.594	4586.274	4586.086	4586.014	4585.936	4585.864	4585.792	4585.037	4584.288
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

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	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4583.532	4582.776	4582.509	4582.731	4582.959	4583.180	4583.402	4583.180	4582.959	4582.731
10	3046.275	3042.419	3040.041	3039.149	3038.256	3037.357	3036.465	3037.357	3038.256	3039.149
15	1903.838	1901.285	1899.917	1899.741	1899.558	1899.382	1899.200	1899.382	1899.558	1899.741
20	1334.460	1333.255	1332.551	1332.356	1332.167	1331.971	1331.776	1331.971	1332.167	1332.356
25	1060.366	1060.568	1061.069	1061.871	1062.665	1063.467	1064.261	1063.467	1062.665	1061.871
30	800.212	802.811	804.564	805.469	806.381	807.286	808.198	807.286	806.381	805.469
35	382.287	381.922	381.642	381.453	381.264	381.069	380.880	381.069	381.264	381.453
40	140.978	139.728	138.855	138.360	137.858	137.363	136.868	137.363	137.858	138.360
45	87.608	87.354	87.172	87.061	86.950	86.840	86.729	86.840	86.950	87.061
50	60.705	60.523	60.392	60.314	60.229	60.151	60.073	60.151	60.229	60.314
55	41.391	41.267	41.176	41.130	41.084	41.039	40.993	41.039	41.084	41.130
60	27.327	27.242	27.190	27.157	27.125	27.092	27.060	27.092	27.125	27.157
65	18.253	18.200	18.168	18.161	18.155	18.142	18.135	18.142	18.155	18.161
70	12.175	12.155	12.142	12.136	12.136	12.129	12.129	12.129	12.136	12.136
75	7.582	7.576	7.576	7.582	7.589	7.589	7.595	7.589	7.589	7.582
80	3.707	3.700	3.693	3.693	3.687	3.687	3.687	3.687	3.687	3.693
85	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
90	0.300	0.300	0.300	0.300	0.287	0.287	0.287	0.287	0.287	0.300
95	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
100	3.707	3.700	3.693	3.693	3.687	3.687	3.687	3.687	3.687	3.693
105	7.582	7.576	7.576	7.582	7.589	7.589	7.595	7.589	7.589	7.582
110	12.175	12.155	12.142	12.136	12.136	12.129	12.129	12.129	12.136	12.136
115	18.253	18.200	18.168	18.161	18.155	18.142	18.135	18.142	18.155	18.161
120	27.327	27.242	27.190	27.157	27.125	27.092	27.060	27.092	27.125	27.157
125	41.391	41.267	41.176	41.130	41.084	41.039	40.993	41.039	41.084	41.130
130	60.705	60.523	60.392	60.314	60.229	60.151	60.073	60.151	60.229	60.314
135	87.608	87.354	87.172	87.061	86.950	86.840	86.729	86.840	86.950	87.061
140	140.978	139.728	138.855	138.360	137.858	137.363	136.868	137.363	137.858	138.360
145	382.287	381.922	381.642	381.453	381.264	381.069	380.880	381.069	381.264	381.453
150	800.212	802.811	804.564	805.469	806.381	807.286	808.198	807.286	806.381	805.469
155	1060.366	1060.568	1061.069	1061.871	1062.665	1063.467	1064.261	1063.467	1062.665	1061.871
160	1334.460	1333.255	1332.551	1332.356	1332.167	1331.971	1331.776	1331.971	1332.167	1332.356
165	1903.838	1901.285	1899.917	1899.741	1899.558	1899.382	1899.200	1899.382	1899.558	1899.741
170	3046.275	3042.419	3040.041	3039.149	3038.256	3037.357	3036.465	3037.357	3038.256	3039.149
175	4583.532	4582.776	4582.509	4582.737	4582.959	4583.180	4583.402	4583.180	4582.959	4582.737
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

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	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	4582.509	4582.776	4583.532	4584.281	4585.037	4585.792	4585.864	4585.936	4586.007	4586.079
10	3040.041	3042.419	3046.275	3050.131	3053.988	3057.844	3062.326	3066.814	3071.296	3075.784
15	1899.917	1901.285	1903.838	1906.392	1908.945	1911.499	1914.860	1918.221	1921.576	1924.937
20	1332.551	1333.255	1334.460	1335.671	1336.877	1338.088	1339.625	1341.156	1342.694	1344.224
25	1061.069	1060.568	1060.366	1060.157	1059.955	1059.747	1060.073	1060.392	1060.718	1061.037
30	804.564	802.811	800.212	797.613	795.020	792.421	792.923	793.418	793.919	794.421
35	381.642	381.922	382.287	382.651	383.016	383.381	384.964	386.540	388.123	389.706
40	138.855	139.728	140.978	142.222	143.473	144.724	145.375	146.033	146.685	147.343
45	87.172	87.354	87.608	87.862	88.116	88.370	88.435	88.507	88.572	88.644
50	60.392	60.523	60.705	60.894	61.076	61.259	61.369	61.480	61.591	61.702
55	41.176	41.267	41.391	41.521	41.645	41.775	41.866	41.964	42.055	42.153
60	27.190	27.242	27.327	27.411	27.496	27.581	27.639	27.691	27.750	27.809
65	18.168	18.200	18.253	18.305	18.357	18.409	18.435	18.461	18.481	18.507
70	12.142	12.155	12.175	12.201	12.220	12.247	12.253	12.266	12.273	12.279
75	7.576	7.576	7.582	7.589	7.595	7.602	7.608	7.608	7.615	7.622
80	3.693	3.700	3.707	3.713	3.726	3.733	3.739	3.746	3.746	3.752
85	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.788	0.788
90	0.300	0.300	0.300	0.313	0.313	0.313	0.313	0.313	0.326	0.326
95	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.788	0.788
100	3.693	3.700	3.707	3.713	3.726	3.733	3.739	3.746	3.746	3.752
105	7.576	7.576	7.582	7.589	7.595	7.602	7.608	7.608	7.615	7.622
110	12.142	12.155	12.175	12.201	12.220	12.247	12.253	12.266	12.273	12.279
115	18.168	18.200	18.253	18.305	18.357	18.409	18.435	18.461	18.481	18.507
120	27.190	27.242	27.327	27.411	27.496	27.581	27.639	27.691	27.750	27.809
125	41.176	41.267	41.391	41.521	41.645	41.775	41.866	41.964	42.055	42.153
130	60.392	60.523	60.705	60.894	61.076	61.259	61.369	61.480	61.591	61.702
135	87.172	87.354	87.608	87.862	88.116	88.370	88.435	88.507	88.572	88.644
140	138.855	139.728	140.978	142.222	143.473	144.724	145.375	146.033	146.685	147.343
145	381.642	381.922	382.287	382.651	383.016	383.381	384.964	386.540	388.123	389.706
150	804.564	802.811	800.212	797.613	795.020	792.421	792.923	793.418	793.919	794.421
155	1061.069	1060.568	1060.366	1060.157	1059.955	1059.747	1060.073	1060.392	1060.718	1061.037
160	1332.551	1333.255	1334.460	1335.671	1336.877	1338.088	1339.625	1341.156	1342.694	1344.224
165	1899.917	1901.285	1903.838	1906.392	1908.945	1911.499	1914.860	1918.221	1921.576	1924.937
170	3040.041	3042.419	3046.275	3050.131	3053.988	3057.844	3062.326	3066.814	3071.296	3075.784
175	4582.509	4582.776	4583.532	4584.288	4585.037	4585.792	4585.864	4585.936	4586.014	4586.086
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

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	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4586.274	4586.587	4586.906	4587.219	4587.532	4587.219	4586.906	4586.587	4586.274	4586.079
10	3079.289	3081.810	3084.337	3086.858	3089.385	3086.858	3084.337	3081.810	3079.289	3075.784
15	1927.543	1929.386	1931.230	1933.080	1934.923	1933.080	1931.230	1929.386	1927.543	1924.937
20	1345.521	1346.576	1347.625	1348.680	1349.735	1348.680	1347.625	1346.576	1345.521	1344.224
25	1061.617	1062.450	1063.284	1064.118	1064.952	1064.118	1063.284	1062.450	1061.617	1061.037
30	795.157	796.128	797.098	798.069	799.040	798.069	797.098	796.128	795.157	794.421
35	390.677	391.048	391.419	391.791	392.162	391.791	391.419	391.048	390.677	389.706
40	147.968	148.567	149.166	149.766	150.365	149.766	149.166	148.567	147.968	147.343
45	88.709	88.774	88.833	88.898	88.963	88.898	88.833	88.774	88.709	88.644
50	61.780	61.825	61.877	61.923	61.975	61.923	61.877	61.825	61.780	61.702
55	42.218	42.264	42.309	42.348	42.394	42.348	42.309	42.264	42.218	42.153
60	27.854	27.887	27.926	27.959	27.998	27.959	27.926	27.887	27.854	27.809
65	18.526	18.533	18.546	18.552	18.565	18.552	18.546	18.533	18.526	18.507
70	12.286	12.279	12.279	12.273	12.273	12.273	12.279	12.279	12.286	12.279
75	7.622	7.615	7.608	7.602	7.595	7.602	7.608	7.615	7.622	7.622

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	3.752	3.752	3.746	3.746	3.746	3.746	3.746	3.752	3.752	3.752
85	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788
90	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326
95	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788
100	3.752	3.752	3.746	3.746	3.746	3.746	3.746	3.752	3.752	3.752
105	7.622	7.615	7.608	7.602	7.595	7.602	7.608	7.615	7.622	7.622
110	12.286	12.279	12.279	12.273	12.273	12.273	12.279	12.279	12.286	12.279
115	18.526	18.533	18.546	18.552	18.565	18.552	18.546	18.533	18.526	18.507
120	27.854	27.887	27.926	27.959	27.998	27.959	27.926	27.887	27.854	27.809
125	42.218	42.264	42.309	42.348	42.394	42.348	42.309	42.264	42.218	42.153
130	61.780	61.825	61.877	61.923	61.975	61.923	61.877	61.825	61.780	61.702
135	88.709	88.774	88.833	88.898	88.963	88.898	88.833	88.774	88.709	88.644
140	147.968	148.567	149.166	149.766	150.365	149.766	149.166	148.567	147.968	147.343
145	390.677	391.048	391.419	391.791	392.162	391.791	391.419	391.048	390.677	389.706
150	795.157	796.128	797.098	798.069	799.040	798.069	797.098	796.128	795.157	794.421
155	1061.617	1062.450	1063.284	1064.118	1064.952	1064.118	1063.284	1062.450	1061.617	1061.037
160	1345.521	1346.576	1347.625	1348.680	1349.735	1348.680	1347.625	1346.576	1345.521	1344.224
165	1927.543	1929.386	1931.230	1933.080	1934.923	1933.080	1931.230	1929.386	1927.543	1924.937
170	3079.289	3081.810	3084.337	3086.858	3089.385	3086.858	3084.337	3081.810	3079.289	3075.784
175	4586.274	4586.594	4586.906	4587.219	4587.532	4587.219	4586.906	4586.594	4586.274	4586.086
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

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	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889	5322.889
5	4586.007	4585.936	4585.864	4585.792	4585.037	4584.281	4583.532	4582.776	4582.509	4582.731
10	3071.296	3066.814	3062.326	3057.844	3053.988	3050.131	3046.275	3042.419	3040.041	3039.149
15	1921.576	1918.221	1914.860	1911.499	1908.945	1906.392	1903.838	1901.285	1899.917	1899.741
20	1342.694	1341.156	1339.625	1338.088	1336.877	1335.671	1334.460	1333.255	1332.551	1332.356
25	1060.718	1060.392	1060.073	1059.747	1059.955	1060.157	1060.366	1060.568	1061.069	1061.871
30	793.919	793.418	792.923	792.421	795.020	797.613	800.212	802.811	804.564	805.469
35	388.123	386.540	384.964	383.381	383.016	382.651	382.287	381.922	381.642	381.453
40	146.685	146.033	145.375	144.724	143.473	142.222	140.978	139.728	138.855	138.360
45	88.572	88.507	88.435	88.370	88.116	87.862	87.608	87.354	87.172	87.061
50	61.591	61.480	61.369	61.259	61.076	60.894	60.705	60.523	60.392	60.314
55	42.055	41.964	41.866	41.775	41.645	41.521	41.391	41.267	41.176	41.130
60	27.750	27.691	27.639	27.581	27.496	27.411	27.327	27.242	27.190	27.157
65	18.481	18.461	18.435	18.409	18.357	18.305	18.253	18.200	18.168	18.161
70	12.273	12.266	12.253	12.247	12.220	12.201	12.175	12.155	12.142	12.136
75	7.615	7.608	7.608	7.602	7.595	7.589	7.582	7.576	7.576	7.582
80	3.746	3.746	3.739	3.733	3.726	3.713	3.707	3.700	3.693	3.693
85	0.788	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
90	0.326	0.313	0.313	0.313	0.313	0.313	0.300	0.300	0.300	0.300
95	0.788	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795	0.795
100	3.746	3.746	3.739	3.733	3.726	3.713	3.707	3.700	3.693	3.693
105	7.615	7.608	7.608	7.602	7.595	7.589	7.582	7.576	7.576	7.582
110	12.273	12.266	12.253	12.247	12.220	12.201	12.175	12.155	12.142	12.136
115	18.481	18.461	18.435	18.409	18.357	18.305	18.253	18.200	18.168	18.161
120	27.750	27.691	27.639	27.581	27.496	27.411	27.327	27.242	27.190	27.157
125	42.055	41.964	41.866	41.775	41.645	41.521	41.391	41.267	41.176	41.130
130	61.591	61.480	61.369	61.259	61.076	60.894	60.705	60.523	60.392	60.314
135	88.572	88.507	88.435	88.370	88.116	87.862	87.608	87.354	87.172	87.061
140	146.685	146.033	145.375	144.724	143.473	142.222	140.978	139.728	138.855	138.360
145	388.123	386.540	384.964	383.381	383.016	382.651	382.287	381.922	381.642	381.453
150	793.919	793.418	792.923	792.421	795.020	797.613	800.212	802.811	804.564	805.469

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1060.718	1060.392	1060.073	1059.747	1059.955	1060.157	1060.366	1060.568	1061.069	1061.871
160	1342.694	1341.156	1339.625	1338.088	1336.877	1335.671	1334.460	1333.255	1332.551	1332.356
165	1921.576	1918.221	1914.860	1911.499	1908.945	1906.392	1903.838	1901.285	1899.917	1899.741
170	3071.296	3066.814	3062.326	3057.844	3053.988	3050.131	3046.275	3042.419	3040.041	3039.149
175	4586.014	4585.936	4585.864	4585.792	4585.037	4584.288	4583.532	4582.776	4582.509	4582.737
180	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674	5322.674

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5322.889	5322.889	5322.889
5	4582.959	4583.180	4583.402
10	3038.256	3037.357	3036.465
15	1899.558	1899.382	1899.200
20	1332.167	1331.971	1331.776
25	1062.665	1063.467	1064.261
30	806.381	807.286	808.198
35	381.264	381.069	380.880
40	137.858	137.363	136.868
45	86.950	86.840	86.729
50	60.229	60.151	60.073
55	41.084	41.039	40.993
60	27.125	27.092	27.060
65	18.155	18.142	18.135
70	12.136	12.129	12.129
75	7.589	7.589	7.595
80	3.687	3.687	3.687
85	0.795	0.795	0.795
90	0.287	0.287	0.287
95	0.795	0.795	0.795
100	3.687	3.687	3.687
105	7.589	7.589	7.595
110	12.136	12.129	12.129
115	18.155	18.142	18.135
120	27.125	27.092	27.060
125	41.084	41.039	40.993
130	60.229	60.151	60.073
135	86.950	86.840	86.729
140	137.858	137.363	136.868
145	381.264	381.069	380.880
150	806.381	807.286	808.198
155	1062.665	1063.467	1064.261
160	1332.167	1331.971	1331.776
165	1899.558	1899.382	1899.200
170	3038.256	3037.357	3036.465
175	4582.959	4583.180	4583.402
180	5322.674	5322.674	5322.674

COEFFICIENTS OF UTILIZATION



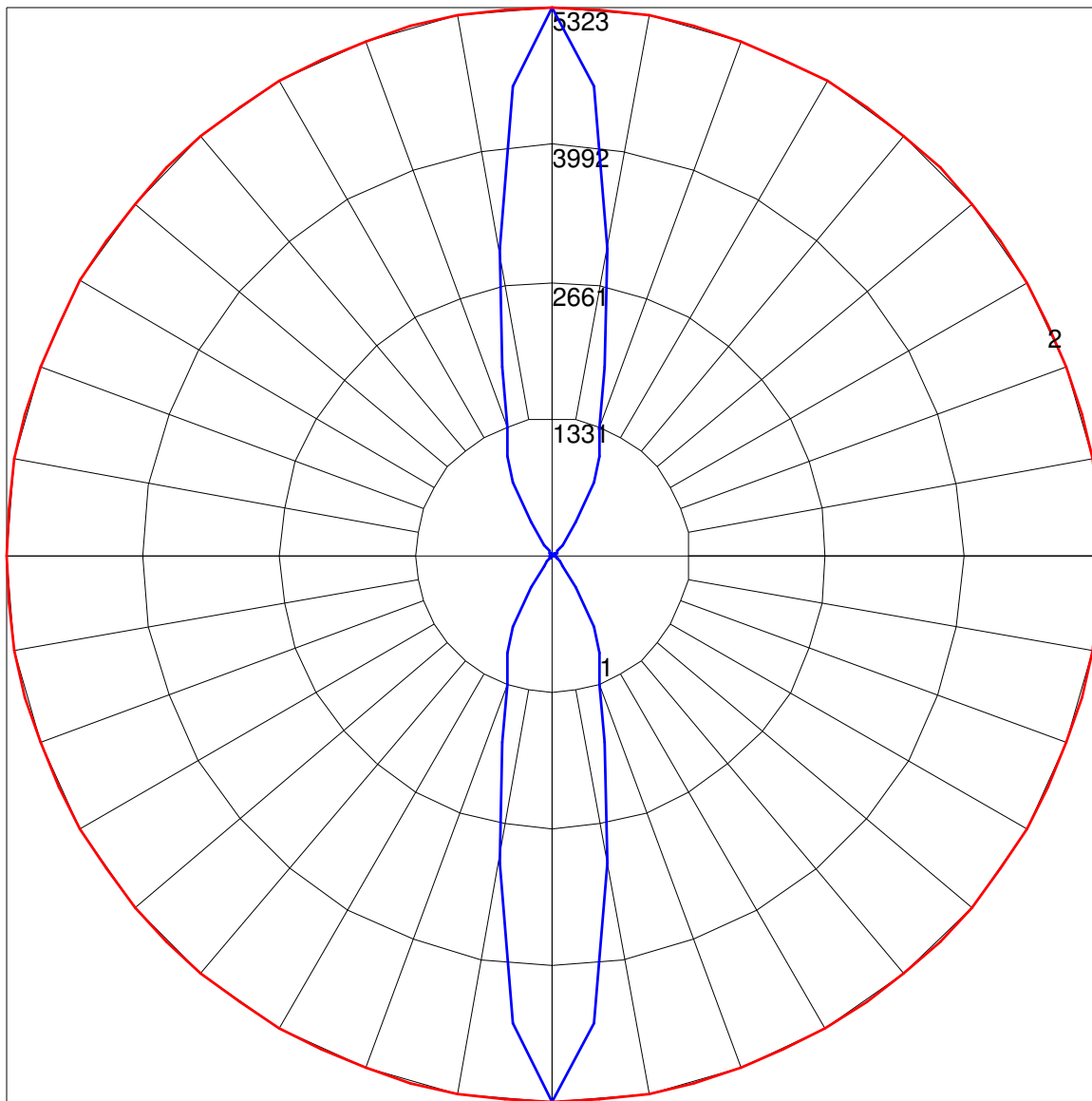
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	922.5	25.0
Downward House Side	922.5	25.0
Downward Total	1845.0	50.0
Upward Street Side	922.5	25.0
Upward House Side	922.5	25.0
Upward Total	1845.0	50.0
Total Flux	3690.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-935U-L20-935D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 5322.889 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

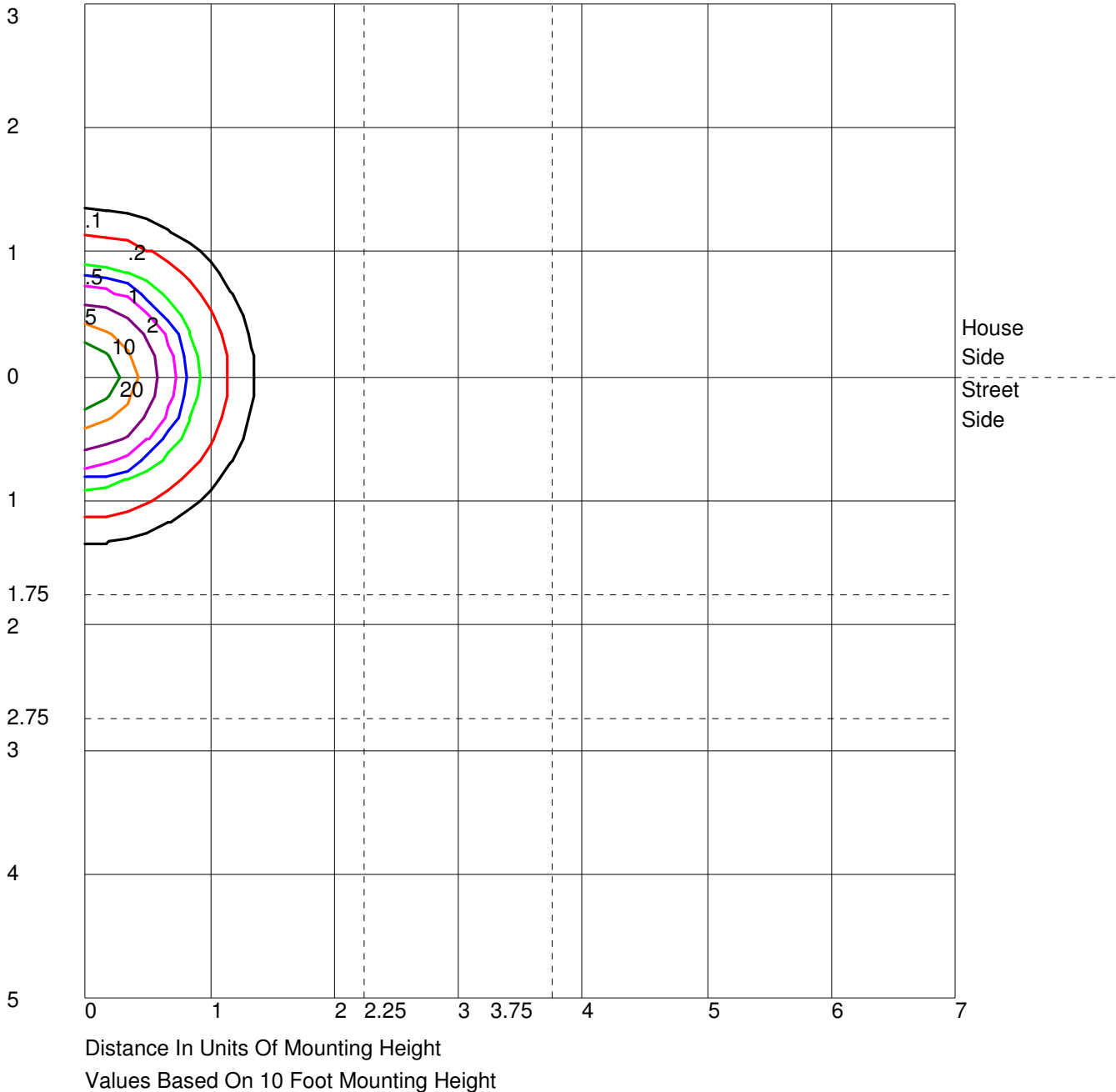


PHOTO LUMENS

