

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-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-L20-940U-L20-940D-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	3728
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5378.336
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5378.336
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.329 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.791 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	728.6	N.A.	19.5
FM - Front-Medium (30-60)	189.0	N.A.	5.1
FH - Front-High (60-80)	13.7	N.A.	0.4
FVH - Front-Very High (80-90)	0.8	N.A.	0.0
BL - Back-Low (0-30)	728.6	N.A.	19.5
BM - Back-Medium (30-60)	189.0	N.A.	5.1
BH - Back-High (60-80)	13.7	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)	1862.7	N.A.	50.0
Total	3728.4	N.A.	100.0
BUG Rating	B2-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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4631.145	4630.922	4630.698	4630.467	4630.244	4630.514	4631.277	4632.034	4632.797	4633.561
10	3068.095	3068.996	3069.905	3070.806	3071.708	3074.111	3078.007	3081.904	3085.800	3089.697
15	1918.983	1919.168	1919.345	1919.530	1919.707	1921.090	1923.670	1926.250	1928.830	1931.410
20	1345.649	1345.846	1346.044	1346.234	1346.432	1347.143	1348.360	1349.585	1350.802	1352.027
25	1075.347	1074.544	1073.735	1072.932	1072.122	1071.615	1071.411	1071.201	1070.997	1070.786
30	816.617	815.696	814.781	813.859	812.944	811.174	808.548	805.921	803.302	800.676
35	384.847	385.038	385.235	385.426	385.617	385.900	386.269	386.637	387.006	387.375
40	138.294	138.794	139.294	139.801	140.301	141.183	142.447	143.704	144.968	146.231
45	87.632	87.744	87.856	87.968	88.080	88.264	88.521	88.777	89.034	89.291
50	60.699	60.778	60.857	60.942	61.021	61.153	61.337	61.528	61.712	61.897
55	41.420	41.466	41.512	41.558	41.605	41.697	41.822	41.953	42.078	42.210
60	27.341	27.374	27.407	27.440	27.473	27.526	27.611	27.697	27.782	27.868
65	18.324	18.331	18.344	18.351	18.357	18.390	18.443	18.495	18.548	18.601
70	12.256	12.256	12.262	12.262	12.269	12.282	12.302	12.328	12.348	12.374
75	7.675	7.668	7.668	7.661	7.655	7.655	7.661	7.668	7.675	7.681
80	3.725	3.725	3.725	3.732	3.732	3.739	3.745	3.752	3.765	3.771
85	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
90	0.290	0.290	0.290	0.303	0.303	0.303	0.303	0.316	0.316	0.316
95	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
100	3.725	3.725	3.725	3.732	3.732	3.739	3.745	3.752	3.765	3.771
105	7.675	7.668	7.668	7.661	7.655	7.655	7.661	7.668	7.675	7.681
110	12.256	12.256	12.262	12.262	12.269	12.282	12.302	12.328	12.348	12.374
115	18.324	18.331	18.344	18.351	18.357	18.390	18.443	18.495	18.548	18.601
120	27.341	27.374	27.407	27.440	27.473	27.526	27.611	27.697	27.782	27.868
125	41.420	41.466	41.512	41.558	41.605	41.697	41.822	41.953	42.078	42.210
130	60.699	60.778	60.857	60.942	61.021	61.153	61.337	61.528	61.712	61.897
135	87.632	87.744	87.856	87.968	88.080	88.264	88.521	88.777	89.034	89.291
140	138.294	138.794	139.294	139.801	140.301	141.183	142.447	143.704	144.968	146.231
145	384.847	385.038	385.235	385.426	385.617	385.900	386.269	386.637	387.006	387.375
150	816.617	815.696	814.781	813.859	812.944	811.174	808.548	805.921	803.302	800.676
155	1075.347	1074.544	1073.735	1072.932	1072.122	1071.615	1071.411	1071.201	1070.997	1070.786
160	1345.649	1345.846	1346.044	1346.234	1346.432	1347.143	1348.360	1349.585	1350.802	1352.027
165	1918.983	1919.168	1919.345	1919.530	1919.707	1921.090	1923.670	1926.250	1928.830	1931.410
170	3068.095	3068.996	3069.905	3070.806	3071.708	3074.111	3078.007	3081.904	3085.800	3089.697
175	4631.145	4630.922	4630.698	4630.474	4630.244	4630.514	4631.277	4632.041	4632.797	4633.561
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4633.633	4633.706	4633.778	4633.851	4634.048	4634.364	4634.687	4635.002	4635.318	4635.002
10	3094.225	3098.760	3103.288	3107.823	3111.364	3113.912	3116.465	3119.013	3121.567	3119.013
15	1934.806	1938.203	1941.592	1944.989	1947.621	1949.484	1951.347	1953.216	1955.079	1953.216
20	1353.580	1355.127	1356.680	1358.227	1359.537	1360.603	1361.663	1362.729	1363.795	1362.729
25	1071.115	1071.438	1071.767	1072.089	1072.675	1073.518	1074.360	1075.203	1076.045	1075.203
30	801.182	801.683	802.189	802.696	803.440	804.421	805.401	806.382	807.363	806.382
35	388.974	390.567	392.166	393.766	394.746	395.122	395.497	395.872	396.247	395.872
40	146.890	147.554	148.213	148.877	149.509	150.115	150.720	151.326	151.931	151.326
45	89.357	89.429	89.495	89.567	89.633	89.699	89.758	89.824	89.890	89.824
50	62.009	62.121	62.232	62.344	62.423	62.469	62.522	62.568	62.621	62.568
55	42.302	42.401	42.493	42.592	42.658	42.704	42.750	42.789	42.835	42.789

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CANDELA TABULATION - (Cont.)

60	27.927	27.980	28.039	28.098	28.144	28.177	28.217	28.250	28.289	28.250
65	18.627	18.653	18.673	18.699	18.719	18.726	18.739	18.745	18.759	18.745
70	12.381	12.394	12.400	12.407	12.414	12.407	12.407	12.400	12.400	12.400
75	7.688	7.688	7.694	7.701	7.701	7.694	7.688	7.681	7.675	7.681
80	3.778	3.785	3.785	3.791	3.791	3.791	3.785	3.785	3.785	3.785
85	0.803	0.803	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796
90	0.316	0.316	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
95	0.803	0.803	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796
100	3.778	3.785	3.785	3.791	3.791	3.791	3.785	3.785	3.785	3.785
105	7.688	7.688	7.694	7.701	7.701	7.694	7.688	7.681	7.675	7.681
110	12.381	12.394	12.400	12.407	12.414	12.407	12.407	12.400	12.400	12.400
115	18.627	18.653	18.673	18.699	18.719	18.726	18.739	18.745	18.759	18.745
120	27.927	27.980	28.039	28.098	28.144	28.177	28.217	28.250	28.289	28.250
125	42.302	42.401	42.493	42.592	42.658	42.704	42.750	42.789	42.835	42.789
130	62.009	62.121	62.232	62.344	62.423	62.469	62.522	62.568	62.621	62.568
135	89.357	89.429	89.495	89.567	89.633	89.699	89.758	89.824	89.890	89.824
140	146.890	147.554	148.213	148.877	149.509	150.115	150.720	151.326	151.931	151.326
145	388.974	390.567	392.166	393.766	394.746	395.122	395.497	395.872	396.247	395.872
150	801.182	801.683	802.189	802.696	803.440	804.421	805.401	806.382	807.363	806.382
155	1071.115	1071.438	1071.767	1072.089	1072.675	1073.518	1074.360	1075.203	1076.045	1075.203
160	1353.580	1355.127	1356.680	1358.227	1359.537	1360.603	1361.663	1362.729	1363.795	1362.729
165	1934.806	1938.203	1941.592	1944.989	1947.621	1949.484	1951.347	1953.216	1955.079	1953.216
170	3094.225	3098.760	3103.288	3107.823	3111.364	3113.912	3116.465	3119.013	3121.567	3119.013
175	4633.633	4633.706	4633.785	4633.857	4634.048	4634.371	4634.687	4635.002	4635.318	4635.002
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4634.687	4634.364	4634.048	4633.851	4633.778	4633.706	4633.633	4633.561	4632.797	4632.034
10	3116.465	3113.912	3111.364	3107.823	3103.288	3098.760	3094.225	3089.697	3085.800	3081.904
15	1951.347	1949.484	1947.621	1944.989	1941.592	1938.203	1934.806	1931.410	1928.830	1926.250
20	1361.663	1360.603	1359.537	1358.227	1356.680	1355.127	1353.580	1352.027	1350.802	1349.585
25	1074.360	1073.518	1072.675	1072.089	1071.767	1071.438	1071.115	1070.786	1070.997	1071.201
30	805.401	804.421	803.440	802.696	802.189	801.683	801.182	800.676	803.302	805.921
35	395.497	395.122	394.746	393.766	392.166	390.567	388.974	387.375	387.006	386.637
40	150.720	150.115	149.509	148.877	148.213	147.554	146.890	146.231	144.968	143.704
45	89.758	89.699	89.633	89.567	89.495	89.429	89.357	89.291	89.034	88.777
50	62.522	62.469	62.423	62.344	62.232	62.121	62.009	61.897	61.712	61.528
55	42.750	42.704	42.658	42.592	42.493	42.401	42.302	42.210	42.078	41.953
60	28.217	28.177	28.144	28.098	28.039	27.980	27.927	27.868	27.782	27.697
65	18.739	18.726	18.719	18.699	18.673	18.653	18.627	18.601	18.548	18.495
70	12.407	12.407	12.414	12.407	12.400	12.394	12.381	12.374	12.348	12.328
75	7.688	7.694	7.701	7.701	7.694	7.688	7.688	7.681	7.675	7.668
80	3.785	3.791	3.791	3.791	3.785	3.785	3.778	3.771	3.765	3.752
85	0.796	0.796	0.796	0.796	0.796	0.803	0.803	0.803	0.803	0.803
90	0.329	0.329	0.329	0.329	0.329	0.316	0.316	0.316	0.316	0.316
95	0.796	0.796	0.796	0.796	0.796	0.803	0.803	0.803	0.803	0.803
100	3.785	3.791	3.791	3.791	3.785	3.785	3.778	3.771	3.765	3.752
105	7.688	7.694	7.701	7.701	7.694	7.688	7.688	7.681	7.675	7.668
110	12.407	12.407	12.414	12.407	12.400	12.394	12.381	12.374	12.348	12.328
115	18.739	18.726	18.719	18.699	18.673	18.653	18.627	18.601	18.548	18.495
120	28.217	28.177	28.144	28.098	28.039	27.980	27.927	27.868	27.782	27.697
125	42.750	42.704	42.658	42.592	42.493	42.401	42.302	42.210	42.078	41.953
130	62.522	62.469	62.423	62.344	62.232	62.121	62.009	61.897	61.712	61.528

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CANDELA TABULATION - (Cont.)

135	89.758	89.699	89.633	89.567	89.495	89.429	89.357	89.291	89.034	88.777
140	150.720	150.115	149.509	148.877	148.213	147.554	146.890	146.231	144.968	143.704
145	395.497	395.122	394.746	393.766	392.166	390.567	388.974	387.375	387.006	386.637
150	805.401	804.421	803.440	802.696	802.189	801.683	801.182	800.676	803.302	805.921
155	1074.360	1073.518	1072.675	1072.089	1071.767	1071.438	1071.115	1070.786	1070.997	1071.201
160	1361.663	1360.603	1359.537	1358.227	1356.680	1355.127	1353.580	1352.027	1350.802	1349.585
165	1951.347	1949.484	1947.621	1944.989	1941.592	1938.203	1934.806	1931.410	1928.830	1926.250
170	3116.465	3113.912	3111.364	3107.823	3103.288	3098.760	3094.225	3089.697	3085.800	3081.904
175	4634.687	4634.371	4634.048	4633.857	4633.785	4633.706	4633.633	4633.561	4632.797	4632.041
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4631.277	4630.514	4630.244	4630.467	4630.698	4630.922	4631.145	4630.922	4630.698	4630.467
10	3078.007	3074.111	3071.708	3070.806	3069.905	3068.996	3068.095	3068.996	3069.905	3070.806
15	1923.670	1921.090	1919.707	1919.530	1919.345	1919.168	1918.983	1919.168	1919.345	1919.530
20	1348.360	1347.143	1346.432	1346.234	1346.044	1345.846	1345.649	1345.846	1346.044	1346.234
25	1071.411	1071.615	1072.122	1072.932	1073.735	1074.544	1075.347	1074.544	1073.735	1072.932
30	808.548	811.174	812.944	813.859	814.781	815.696	816.617	815.696	814.781	813.859
35	386.269	385.900	385.617	385.426	385.235	385.038	384.847	385.038	385.235	385.426
40	142.447	141.183	140.301	139.801	139.294	138.794	138.294	138.794	139.294	139.801
45	88.521	88.264	88.080	87.968	87.856	87.744	87.632	87.744	87.856	87.968
50	61.337	61.153	61.021	60.942	60.857	60.778	60.699	60.778	60.857	60.942
55	41.822	41.697	41.605	41.558	41.512	41.466	41.420	41.466	41.512	41.558
60	27.611	27.526	27.473	27.440	27.407	27.374	27.341	27.374	27.407	27.440
65	18.443	18.390	18.357	18.351	18.344	18.331	18.324	18.331	18.344	18.351
70	12.302	12.282	12.269	12.262	12.262	12.256	12.256	12.256	12.262	12.262
75	7.661	7.655	7.655	7.661	7.668	7.668	7.675	7.668	7.668	7.661
80	3.745	3.739	3.732	3.732	3.725	3.725	3.725	3.725	3.725	3.732
85	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
90	0.303	0.303	0.303	0.303	0.290	0.290	0.290	0.290	0.290	0.303
95	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
100	3.745	3.739	3.732	3.732	3.725	3.725	3.725	3.725	3.725	3.732
105	7.661	7.655	7.655	7.661	7.668	7.668	7.675	7.668	7.668	7.661
110	12.302	12.282	12.269	12.262	12.262	12.256	12.256	12.256	12.262	12.262
115	18.443	18.390	18.357	18.351	18.344	18.331	18.324	18.331	18.344	18.351
120	27.611	27.526	27.473	27.440	27.407	27.374	27.341	27.374	27.407	27.440
125	41.822	41.697	41.605	41.558	41.512	41.466	41.420	41.466	41.512	41.558
130	61.337	61.153	61.021	60.942	60.857	60.778	60.699	60.778	60.857	60.942
135	88.521	88.264	88.080	87.968	87.856	87.744	87.632	87.744	87.856	87.968
140	142.447	141.183	140.301	139.801	139.294	138.794	138.294	138.794	139.294	139.801
145	386.269	385.900	385.617	385.426	385.235	385.038	384.847	385.038	385.235	385.426
150	808.548	811.174	812.944	813.859	814.781	815.696	816.617	815.696	814.781	813.859
155	1071.411	1071.615	1072.122	1072.932	1073.735	1074.544	1075.347	1074.544	1073.735	1072.932
160	1348.360	1347.143	1346.432	1346.234	1346.044	1345.846	1345.649	1345.846	1346.044	1346.234
165	1923.670	1921.090	1919.707	1919.530	1919.345	1919.168	1918.983	1919.168	1919.345	1919.530
170	3078.007	3074.111	3071.708	3070.806	3069.905	3068.996	3068.095	3068.996	3069.905	3070.806
175	4631.277	4630.514	4630.244	4630.474	4630.698	4630.922	4631.145	4630.922	4630.698	4630.474
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	4630.244	4630.514	4631.277	4632.034	4632.797	4633.561	4633.633	4633.706	4633.778	4633.851
10	3071.708	3074.111	3078.007	3081.904	3085.800	3089.697	3094.225	3098.760	3103.288	3107.823
15	1919.707	1921.090	1923.670	1926.250	1928.830	1931.410	1934.806	1938.203	1941.592	1944.989
20	1346.432	1347.143	1348.360	1349.585	1350.802	1352.027	1353.580	1355.127	1356.680	1358.227
25	1072.122	1071.615	1071.411	1071.201	1070.997	1070.786	1071.115	1071.438	1071.767	1072.089
30	812.944	811.174	808.548	805.921	803.302	800.676	801.182	801.683	802.189	802.696
35	385.617	385.900	386.269	386.637	387.006	387.375	388.974	390.567	392.166	393.766
40	140.301	141.183	142.447	143.704	144.968	146.231	146.890	147.554	148.213	148.877
45	88.080	88.264	88.521	88.777	89.034	89.291	89.357	89.429	89.495	89.567
50	61.021	61.153	61.337	61.528	61.712	61.897	62.009	62.121	62.232	62.344
55	41.605	41.697	41.822	41.953	42.078	42.210	42.302	42.401	42.493	42.592
60	27.473	27.526	27.611	27.697	27.782	27.868	27.927	27.980	28.039	28.098
65	18.357	18.390	18.443	18.495	18.548	18.601	18.627	18.653	18.673	18.699
70	12.269	12.282	12.302	12.328	12.348	12.374	12.381	12.394	12.400	12.407
75	7.655	7.655	7.661	7.668	7.675	7.681	7.688	7.688	7.694	7.701
80	3.732	3.739	3.745	3.752	3.765	3.771	3.778	3.785	3.785	3.791
85	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.796	0.796
90	0.303	0.303	0.303	0.316	0.316	0.316	0.316	0.316	0.329	0.329
95	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.796	0.796
100	3.732	3.739	3.745	3.752	3.765	3.771	3.778	3.785	3.785	3.791
105	7.655	7.655	7.661	7.668	7.675	7.681	7.688	7.688	7.694	7.701
110	12.269	12.282	12.302	12.328	12.348	12.374	12.381	12.394	12.400	12.407
115	18.357	18.390	18.443	18.495	18.548	18.601	18.627	18.653	18.673	18.699
120	27.473	27.526	27.611	27.697	27.782	27.868	27.927	27.980	28.039	28.098
125	41.605	41.697	41.822	41.953	42.078	42.210	42.302	42.401	42.493	42.592
130	61.021	61.153	61.337	61.528	61.712	61.897	62.009	62.121	62.232	62.344
135	88.080	88.264	88.521	88.777	89.034	89.291	89.357	89.429	89.495	89.567
140	140.301	141.183	142.447	143.704	144.968	146.231	146.890	147.554	148.213	148.877
145	385.617	385.900	386.269	386.637	387.006	387.375	388.974	390.567	392.166	393.766
150	812.944	811.174	808.548	805.921	803.302	800.676	801.182	801.683	802.189	802.696
155	1072.122	1071.615	1071.411	1071.201	1070.997	1070.786	1071.115	1071.438	1071.767	1072.089
160	1346.432	1347.143	1348.360	1349.585	1350.802	1352.027	1353.580	1355.127	1356.680	1358.227
165	1919.707	1921.090	1923.670	1926.250	1928.830	1931.410	1934.806	1938.203	1941.592	1944.989
170	3071.708	3074.111	3078.007	3081.904	3085.800	3089.697	3094.225	3098.760	3103.288	3107.823
175	4630.244	4630.514	4631.277	4632.041	4632.797	4633.561	4633.633	4633.706	4633.785	4633.857
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4634.048	4634.364	4634.687	4635.002	4635.318	4635.002	4634.687	4634.364	4634.048	4633.851
10	3111.364	3113.912	3116.465	3119.013	3121.567	3119.013	3116.465	3113.912	3111.364	3107.823
15	1947.621	1949.484	1951.347	1953.216	1955.079	1953.216	1951.347	1949.484	1947.621	1944.989
20	1359.537	1360.603	1361.663	1362.729	1363.795	1362.729	1361.663	1360.603	1359.537	1358.227
25	1072.675	1073.518	1074.360	1075.203	1076.045	1075.203	1074.360	1073.518	1072.675	1072.089
30	803.440	804.421	805.401	806.382	807.363	806.382	805.401	804.421	803.440	802.696
35	394.746	395.122	395.497	395.872	396.247	395.872	395.497	395.122	394.746	393.766
40	149.509	150.115	150.720	151.326	151.931	151.326	150.720	150.115	149.509	148.877
45	89.633	89.699	89.758	89.824	89.890	89.824	89.758	89.699	89.633	89.567
50	62.423	62.469	62.522	62.568	62.621	62.568	62.522	62.469	62.423	62.344
55	42.658	42.704	42.750	42.789	42.835	42.789	42.750	42.704	42.658	42.592
60	28.144	28.177	28.217	28.250	28.289	28.250	28.217	28.177	28.144	28.098
65	18.719	18.726	18.739	18.745	18.759	18.745	18.739	18.726	18.719	18.699
70	12.414	12.407	12.407	12.400	12.400	12.400	12.407	12.407	12.414	12.407
75	7.701	7.694	7.688	7.681	7.675	7.681	7.688	7.694	7.701	7.701

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	3.791	3.791	3.785	3.785	3.785	3.785	3.785	3.791	3.791	3.791
85	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796
90	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329
95	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796
100	3.791	3.791	3.785	3.785	3.785	3.785	3.785	3.791	3.791	3.791
105	7.701	7.694	7.688	7.681	7.675	7.681	7.688	7.694	7.701	7.701
110	12.414	12.407	12.407	12.400	12.400	12.400	12.407	12.407	12.414	12.407
115	18.719	18.726	18.739	18.745	18.759	18.745	18.739	18.726	18.719	18.699
120	28.144	28.177	28.217	28.250	28.289	28.250	28.217	28.177	28.144	28.098
125	42.658	42.704	42.750	42.789	42.835	42.789	42.750	42.704	42.658	42.592
130	62.423	62.469	62.522	62.568	62.621	62.568	62.522	62.469	62.423	62.344
135	89.633	89.699	89.758	89.824	89.890	89.824	89.758	89.699	89.633	89.567
140	149.509	150.115	150.720	151.326	151.931	151.326	150.720	150.115	149.509	148.877
145	394.746	395.122	395.497	395.872	396.247	395.872	395.497	395.122	394.746	393.766
150	803.440	804.421	805.401	806.382	807.363	806.382	805.401	804.421	803.440	802.696
155	1072.675	1073.518	1074.360	1075.203	1076.045	1075.203	1074.360	1073.518	1072.675	1072.089
160	1359.537	1360.603	1361.663	1362.729	1363.795	1362.729	1361.663	1360.603	1359.537	1358.227
165	1947.621	1949.484	1951.347	1953.216	1955.079	1953.216	1951.347	1949.484	1947.621	1944.989
170	3111.364	3113.912	3116.465	3119.013	3121.567	3119.013	3116.465	3113.912	3111.364	3107.823
175	4634.048	4634.371	4634.687	4635.002	4635.318	4635.002	4634.687	4634.371	4634.048	4633.857
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

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	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336	5378.336
5	4633.778	4633.706	4633.633	4633.561	4632.797	4632.034	4631.277	4630.514	4630.244	4630.467
10	3103.288	3098.760	3094.225	3089.697	3085.800	3081.904	3078.007	3074.111	3071.708	3070.806
15	1941.592	1938.203	1934.806	1931.410	1928.830	1926.250	1923.670	1921.090	1919.707	1919.530
20	1356.680	1355.127	1353.580	1352.027	1350.802	1349.585	1348.360	1347.143	1346.432	1346.234
25	1071.767	1071.438	1071.115	1070.786	1070.997	1071.201	1071.411	1071.615	1072.122	1072.932
30	802.189	801.683	801.182	800.676	803.302	805.921	808.548	811.174	812.944	813.859
35	392.166	390.567	388.974	387.375	387.006	386.637	386.269	385.900	385.617	385.426
40	148.213	147.554	146.890	146.231	144.968	143.704	142.447	141.183	140.301	139.801
45	89.495	89.429	89.357	89.291	89.034	88.777	88.521	88.264	88.080	87.968
50	62.232	62.121	62.009	61.897	61.712	61.528	61.337	61.153	61.021	60.942
55	42.493	42.401	42.302	42.210	42.078	41.953	41.822	41.697	41.605	41.558
60	28.039	27.980	27.927	27.868	27.782	27.697	27.611	27.526	27.473	27.440
65	18.673	18.653	18.627	18.601	18.548	18.495	18.443	18.390	18.357	18.351
70	12.400	12.394	12.381	12.374	12.348	12.328	12.302	12.282	12.269	12.262
75	7.694	7.688	7.688	7.681	7.675	7.668	7.661	7.655	7.655	7.661
80	3.785	3.785	3.778	3.771	3.765	3.752	3.745	3.739	3.732	3.732
85	0.796	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
90	0.329	0.316	0.316	0.316	0.316	0.316	0.303	0.303	0.303	0.303
95	0.796	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803	0.803
100	3.785	3.785	3.778	3.771	3.765	3.752	3.745	3.739	3.732	3.732
105	7.694	7.688	7.688	7.681	7.675	7.668	7.661	7.655	7.655	7.661
110	12.400	12.394	12.381	12.374	12.348	12.328	12.302	12.282	12.269	12.262
115	18.673	18.653	18.627	18.601	18.548	18.495	18.443	18.390	18.357	18.351
120	28.039	27.980	27.927	27.868	27.782	27.697	27.611	27.526	27.473	27.440
125	42.493	42.401	42.302	42.210	42.078	41.953	41.822	41.697	41.605	41.558
130	62.232	62.121	62.009	61.897	61.712	61.528	61.337	61.153	61.021	60.942
135	89.495	89.429	89.357	89.291	89.034	88.777	88.521	88.264	88.080	87.968
140	148.213	147.554	146.890	146.231	144.968	143.704	142.447	141.183	140.301	139.801
145	392.166	390.567	388.974	387.375	387.006	386.637	386.269	385.900	385.617	385.426
150	802.189	801.683	801.182	800.676	803.302	805.921	808.548	811.174	812.944	813.859

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1071.767	1071.438	1071.115	1070.786	1070.997	1071.201	1071.411	1071.615	1072.122	1072.932
160	1356.680	1355.127	1353.580	1352.027	1350.802	1349.585	1348.360	1347.143	1346.432	1346.234
165	1941.592	1938.203	1934.806	1931.410	1928.830	1926.250	1923.670	1921.090	1919.707	1919.530
170	3103.288	3098.760	3094.225	3089.697	3085.800	3081.904	3078.007	3074.111	3071.708	3070.806
175	4633.785	4633.706	4633.633	4633.561	4632.797	4632.041	4631.277	4630.514	4630.244	4630.474
180	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119	5378.119

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5378.336	5378.336	5378.336
5	4630.698	4630.922	4631.145
10	3069.905	3068.996	3068.095
15	1919.345	1919.168	1918.983
20	1346.044	1345.846	1345.649
25	1073.735	1074.544	1075.347
30	814.781	815.696	816.617
35	385.235	385.038	384.847
40	139.294	138.794	138.294
45	87.856	87.744	87.632
50	60.857	60.778	60.699
55	41.512	41.466	41.420
60	27.407	27.374	27.341
65	18.344	18.331	18.324
70	12.262	12.256	12.256
75	7.668	7.668	7.675
80	3.725	3.725	3.725
85	0.803	0.803	0.803
90	0.290	0.290	0.290
95	0.803	0.803	0.803
100	3.725	3.725	3.725
105	7.668	7.668	7.675
110	12.262	12.256	12.256
115	18.344	18.331	18.324
120	27.407	27.374	27.341
125	41.512	41.466	41.420
130	60.857	60.778	60.699
135	87.856	87.744	87.632
140	139.294	138.794	138.294
145	385.235	385.038	384.847
150	814.781	815.696	816.617
155	1073.735	1074.544	1075.347
160	1346.044	1345.846	1345.649
165	1919.345	1919.168	1918.983
170	3069.905	3068.996	3068.095
175	4630.698	4630.922	4631.145
180	5378.119	5378.119	5378.119

COEFFICIENTS OF UTILIZATION



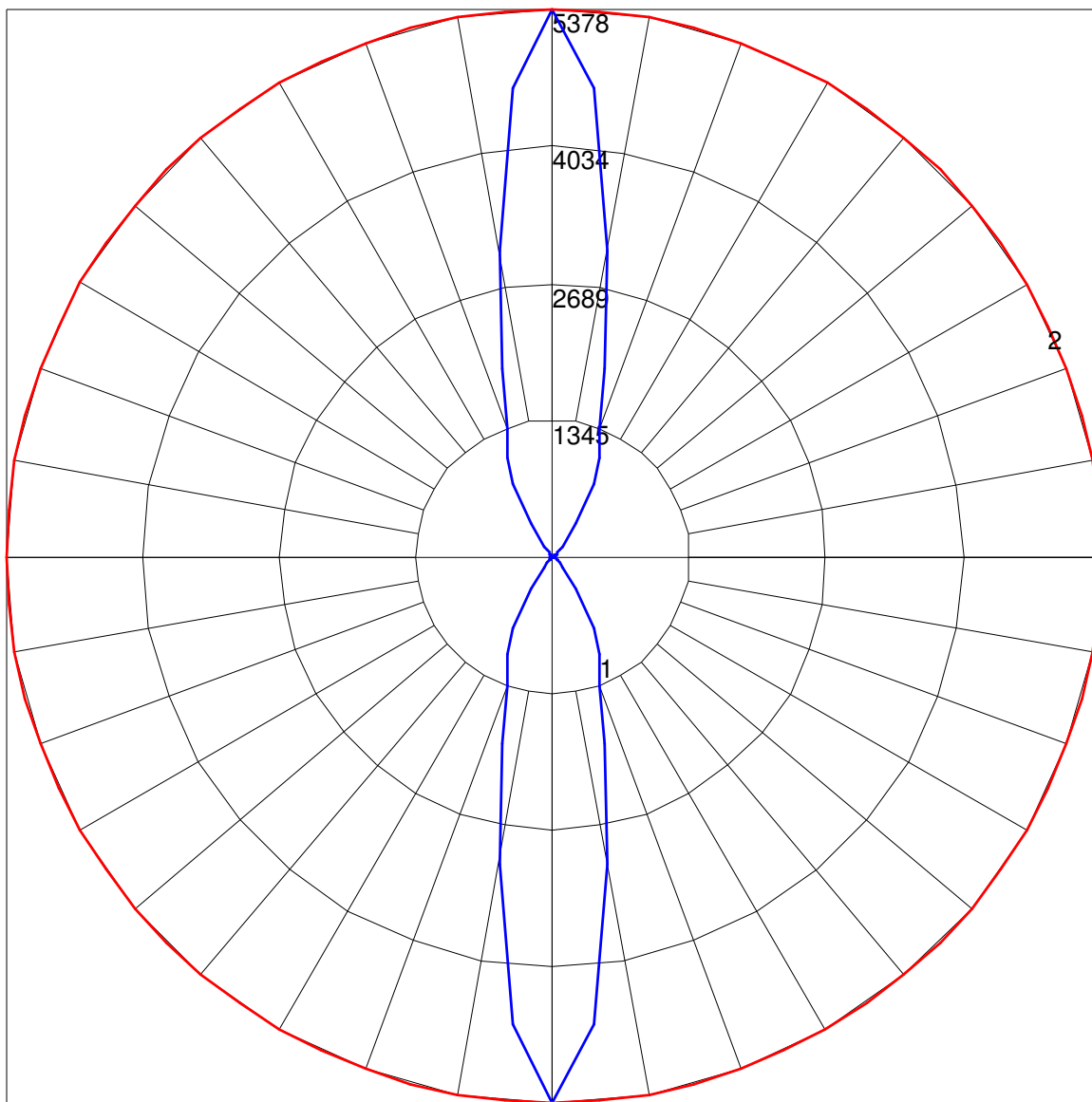
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	932.1	25.0
Downward House Side	932.1	25.0
Downward Total	1864.2	50.0
Upward Street Side	932.1	25.0
Upward House Side	932.1	25.0
Upward Total	1864.2	50.0
Total Flux	3728.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-940U-L20-940D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 5378.336 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

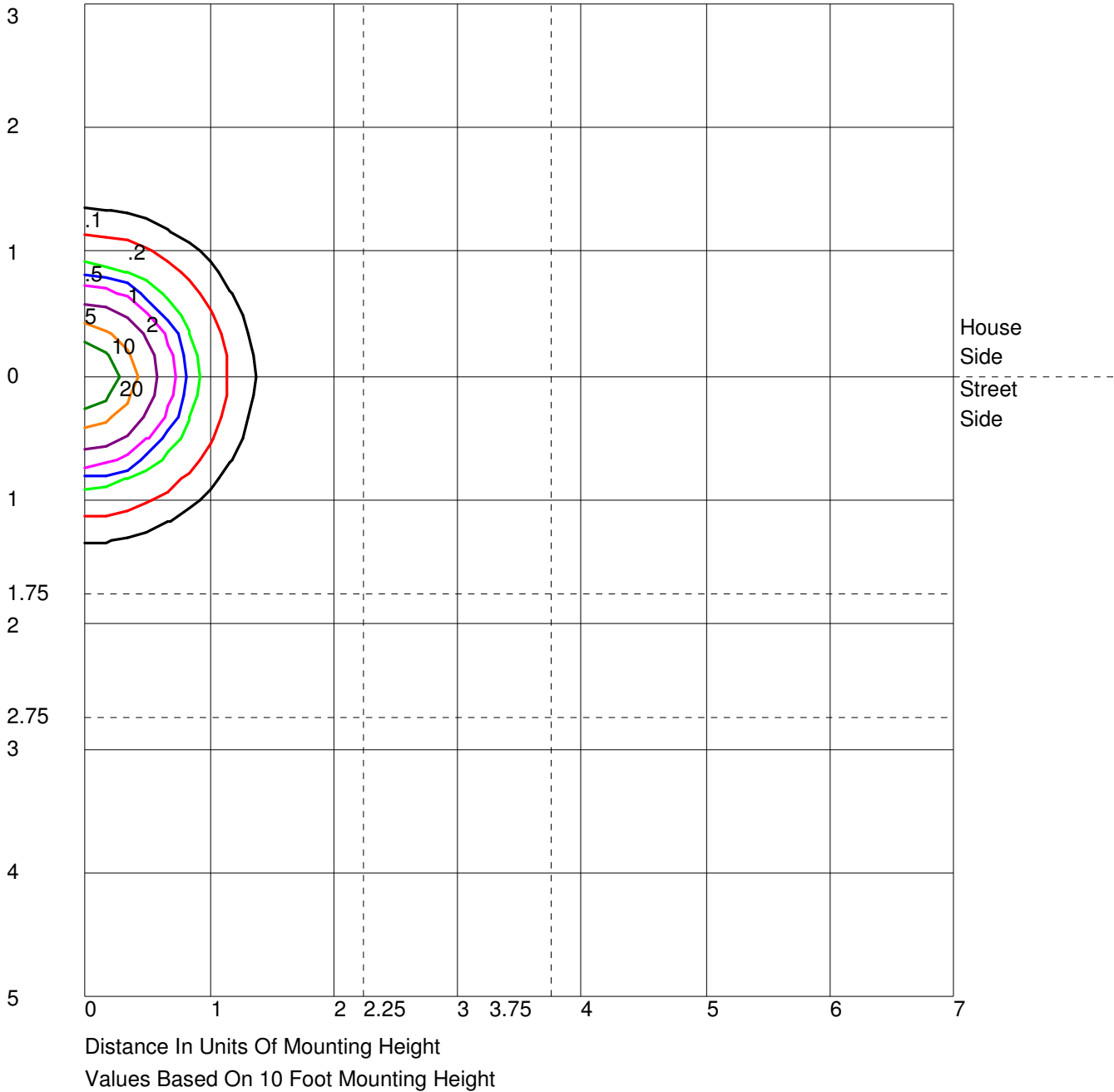


PHOTO LUMENS

