

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-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-L30-950U-L30-950D-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	5732
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26496.158
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	26496.158
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.377 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.519 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-S-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1271.4	N.A.	22.2
FM - Front-Medium (30-60)	147.6	N.A.	2.6
FH - Front-High (60-80)	13.1	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1271.4	N.A.	22.2
BM - Back-Medium (30-60)	147.6	N.A.	2.6
BH - Back-High (60-80)	13.1	N.A.	0.2
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.8	N.A.	0.0
UH - Uplight-High (100-180)	2864.1	N.A.	50.0
Total	5731.9	N.A.	100.0
BUG Rating	B3-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	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158
5	17936.083	17943.063	17950.042	17957.014	17963.993	17974.943	17989.871	18004.791	18019.720	18034.639
10	5375.091	5385.844	5396.596	5407.349	5418.101	5451.045	5506.188	5561.331	5616.466	5671.609
15	1770.535	1772.936	1775.328	1777.729	1780.121	1791.174	1810.887	1830.591	1850.304	1870.009
20	1156.954	1156.396	1155.839	1155.282	1154.724	1156.371	1160.238	1164.096	1167.963	1171.822
25	1033.222	1032.468	1031.704	1030.950	1030.187	1029.895	1030.067	1030.247	1030.418	1030.590
30	821.532	820.401	819.269	818.128	816.996	815.110	812.478	809.845	807.213	804.580
35	331.571	332.326	333.080	333.826	334.581	334.907	334.795	334.684	334.572	334.461
40	59.945	60.588	61.231	61.874	62.517	63.306	64.258	65.210	66.162	67.113
45	34.410	34.427	34.444	34.470	34.487	34.504	34.513	34.530	34.538	34.556
50	31.863	31.812	31.760	31.717	31.666	31.597	31.512	31.426	31.340	31.254
55	30.774	30.663	30.551	30.440	30.328	30.183	30.020	29.848	29.685	29.514
60	24.944	24.892	24.841	24.781	24.729	24.626	24.472	24.309	24.155	24.000
65	17.441	17.398	17.355	17.312	17.269	17.244	17.235	17.226	17.218	17.209
70	11.987	11.987	11.979	11.979	11.970	11.970	11.979	11.979	11.987	11.987
75	8.214	8.206	8.189	8.180	8.172	8.163	8.163	8.154	8.154	8.154
80	4.485	4.485	4.485	4.476	4.476	4.476	4.476	4.485	4.485	4.485
85	0.943	0.943	0.943	0.926	0.926	0.926	0.926	0.917	0.917	0.917
90	0.343	0.343	0.343	0.360	0.360	0.360	0.360	0.377	0.377	0.377
95	0.943	0.943	0.943	0.926	0.926	0.926	0.926	0.917	0.917	0.917
100	4.485	4.485	4.485	4.476	4.476	4.476	4.476	4.485	4.485	4.485
105	8.214	8.206	8.189	8.180	8.172	8.163	8.163	8.154	8.154	8.154
110	11.987	11.987	11.979	11.979	11.970	11.970	11.979	11.979	11.987	11.987
115	17.441	17.398	17.355	17.312	17.269	17.244	17.235	17.226	17.218	17.209
120	24.944	24.892	24.841	24.781	24.729	24.626	24.472	24.309	24.155	24.000
125	30.774	30.663	30.551	30.440	30.328	30.183	30.020	29.848	29.685	29.514
130	31.863	31.812	31.760	31.717	31.666	31.597	31.512	31.426	31.340	31.254
135	34.410	34.427	34.444	34.470	34.487	34.504	34.513	34.530	34.538	34.556
140	59.945	60.588	61.231	61.874	62.517	63.306	64.258	65.210	66.162	67.113
145	331.571	332.326	333.080	333.826	334.581	334.907	334.795	334.684	334.572	334.461
150	821.532	820.401	819.269	818.128	816.996	815.110	812.478	809.845	807.213	804.580
155	1033.222	1032.468	1031.704	1030.950	1030.187	1029.895	1030.067	1030.247	1030.418	1030.590
160	1156.954	1156.396	1155.839	1155.282	1154.724	1156.371	1160.238	1164.096	1167.963	1171.822
165	1770.535	1772.936	1775.328	1777.729	1780.121	1791.174	1810.887	1830.591	1850.304	1870.009
170	5375.091	5385.844	5396.596	5407.349	5418.101	5451.045	5506.188	5561.331	5616.466	5671.609
175	17936.100	17943.080	17950.060	17957.031	17964.010	17974.960	17989.889	18004.808	18019.737	18034.657
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

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	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158
5	18079.776	18124.921	18170.058	18215.203	18239.204	18242.059	18244.914	18247.770	18250.625	18247.770
10	5715.108	5758.607	5802.106	5845.605	5878.197	5899.865	5921.533	5943.201	5964.869	5943.201
15	1878.189	1886.369	1894.549	1902.730	1914.417	1929.602	1944.788	1959.982	1975.168	1959.982
20	1175.569	1179.325	1183.072	1186.819	1190.026	1192.684	1195.334	1197.992	1200.650	1197.992
25	1031.404	1032.219	1033.034	1033.848	1035.306	1037.398	1039.490	1041.582	1043.675	1041.582
30	805.318	806.047	806.784	807.513	808.731	810.437	812.143	813.850	815.556	813.850
35	337.128	339.786	342.452	345.119	346.560	346.791	347.023	347.246	347.477	347.246
40	68.408	69.703	70.998	72.292	72.901	72.824	72.755	72.678	72.610	72.678
45	34.538	34.530	34.513	34.504	34.513	34.547	34.590	34.624	34.659	34.624
50	31.212	31.169	31.126	31.083	31.057	31.031	31.006	30.989	30.963	30.989
55	29.428	29.334	29.248	29.154	29.102	29.076	29.059	29.034	29.016	29.034

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## CANDELA TABULATION - (Cont.)

60	23.957	23.915	23.872	23.829	23.846	23.923	24.000	24.077	24.155	24.077
65	17.192	17.175	17.158	17.141	17.149	17.175	17.201	17.235	17.261	17.235
70	11.979	11.970	11.962	11.953	11.953	11.962	11.970	11.979	11.987	11.979
75	8.137	8.129	8.112	8.103	8.094	8.103	8.112	8.112	8.120	8.112
80	4.485	4.493	4.485	4.493	4.493	4.502	4.510	4.510	4.519	4.510
85	0.917	0.917	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909
90	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377
95	0.917	0.917	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909
100	4.485	4.493	4.485	4.493	4.493	4.502	4.510	4.510	4.519	4.510
105	8.137	8.129	8.112	8.103	8.094	8.103	8.112	8.112	8.120	8.112
110	11.979	11.970	11.962	11.953	11.953	11.962	11.970	11.979	11.987	11.979
115	17.192	17.175	17.158	17.141	17.149	17.175	17.201	17.235	17.261	17.235
120	23.957	23.915	23.872	23.829	23.846	23.923	24.000	24.077	24.155	24.077
125	29.428	29.334	29.248	29.154	29.102	29.076	29.059	29.034	29.016	29.034
130	31.212	31.169	31.126	31.083	31.057	31.031	31.006	30.989	30.963	30.989
135	34.538	34.530	34.513	34.504	34.513	34.547	34.590	34.624	34.659	34.624
140	68.408	69.703	70.998	72.292	72.901	72.824	72.755	72.678	72.610	72.678
145	337.128	339.786	342.452	345.119	346.560	346.791	347.023	347.246	347.477	347.246
150	805.318	806.047	806.784	807.513	808.731	810.437	812.143	813.850	815.556	813.850
155	1031.404	1032.219	1033.034	1033.848	1035.306	1037.398	1039.490	1041.582	1043.675	1041.582
160	1175.569	1179.325	1183.072	1186.819	1190.026	1192.684	1195.334	1197.992	1200.650	1197.992
165	1878.189	1886.369	1894.549	1902.730	1914.417	1929.602	1944.788	1959.982	1975.168	1959.982
170	5715.108	5758.607	5802.106	5845.605	5878.197	5899.865	5921.533	5943.201	5964.869	5943.201
175	18079.793	18124.938	18170.075	18215.220	18239.212	18242.076	18244.931	18247.787	18250.642	18247.787
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158
5	18244.914	18242.059	18239.204	18215.203	18170.058	18124.921	18079.776	18034.639	18019.720	18004.791
10	5921.533	5899.865	5878.197	5845.605	5802.106	5758.607	5715.108	5671.609	5616.466	5561.331
15	1944.788	1929.602	1914.417	1902.730	1894.549	1886.369	1878.189	1870.009	1850.304	1830.591
20	1195.334	1192.684	1190.026	1186.819	1183.072	1179.325	1175.569	1171.822	1167.963	1164.096
25	1039.490	1037.398	1035.306	1033.848	1033.034	1032.219	1031.404	1030.590	1030.418	1030.247
30	812.143	810.437	808.731	807.513	806.784	806.047	805.318	804.580	807.213	809.845
35	347.023	346.791	346.560	345.119	342.452	339.786	337.128	334.461	334.572	334.684
40	72.755	72.824	72.901	72.292	70.998	69.703	68.408	67.113	66.162	65.210
45	34.590	34.547	34.513	34.504	34.513	34.530	34.538	34.556	34.538	34.530
50	31.006	31.031	31.057	31.083	31.126	31.169	31.212	31.254	31.340	31.426
55	29.059	29.076	29.102	29.154	29.248	29.334	29.428	29.514	29.685	29.848
60	24.000	23.923	23.846	23.829	23.872	23.915	23.957	24.000	24.155	24.309
65	17.201	17.175	17.149	17.141	17.158	17.175	17.192	17.209	17.218	17.226
70	11.970	11.962	11.953	11.953	11.962	11.970	11.979	11.987	11.987	11.979
75	8.112	8.103	8.094	8.103	8.112	8.129	8.137	8.154	8.154	8.154
80	4.510	4.502	4.493	4.493	4.485	4.493	4.485	4.485	4.485	4.485
85	0.909	0.909	0.909	0.909	0.909	0.917	0.917	0.917	0.917	0.917
90	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377
95	0.909	0.909	0.909	0.909	0.909	0.917	0.917	0.917	0.917	0.917
100	4.510	4.502	4.493	4.493	4.485	4.493	4.485	4.485	4.485	4.485
105	8.112	8.103	8.094	8.103	8.112	8.129	8.137	8.154	8.154	8.154
110	11.970	11.962	11.953	11.953	11.962	11.970	11.979	11.987	11.987	11.979
115	17.201	17.175	17.149	17.141	17.158	17.175	17.192	17.209	17.218	17.226
120	24.000	23.923	23.846	23.829	23.872	23.915	23.957	24.000	24.155	24.309
125	29.059	29.076	29.102	29.154	29.248	29.334	29.428	29.514	29.685	29.848
130	31.006	31.031	31.057	31.083	31.126	31.169	31.212	31.254	31.340	31.426

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## CANDELA TABULATION - (Cont.)

135	34.590	34.547	34.513	34.504	34.513	34.530	34.538	34.556	34.538	34.530
140	72.755	72.824	72.901	72.292	70.998	69.703	68.408	67.113	66.162	65.210
145	347.023	346.791	346.560	345.119	342.452	339.786	337.128	334.461	334.572	334.684
150	812.143	810.437	808.731	807.513	806.784	806.047	805.318	804.580	807.213	809.845
155	1039.490	1037.398	1035.306	1033.848	1033.034	1032.219	1031.404	1030.590	1030.418	1030.247
160	1195.334	1192.684	1190.026	1186.819	1183.072	1179.325	1175.569	1171.822	1167.963	1164.096
165	1944.788	1929.602	1914.417	1902.730	1894.549	1886.369	1878.189	1870.009	1850.304	1830.591
170	5921.533	5899.865	5878.197	5845.605	5802.106	5758.607	5715.108	5671.609	5616.466	5561.331
175	18244.931	18242.068	18239.212	18215.220	18170.075	18124.938	18079.793	18034.657	18019.728	18004.808
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

## 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	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158
5	17989.871	17974.943	17963.993	17957.014	17950.042	17943.063	17936.083	17943.063	17950.042	17957.014
10	5506.188	5451.045	5418.101	5407.349	5396.596	5385.844	5375.091	5385.844	5396.596	5407.349
15	1810.887	1791.174	1780.121	1777.729	1775.328	1772.936	1770.535	1772.936	1775.328	1777.729
20	1160.238	1156.371	1154.724	1155.282	1155.839	1156.396	1156.954	1156.396	1155.839	1155.282
25	1030.067	1029.895	1030.187	1030.950	1031.704	1032.468	1033.222	1032.468	1031.704	1030.950
30	812.478	815.110	816.996	818.128	819.269	820.401	821.532	820.401	819.269	818.128
35	334.795	334.907	334.581	333.826	333.080	332.326	331.571	332.326	333.080	333.826
40	64.258	63.306	62.517	61.874	61.231	60.588	59.945	60.588	61.231	61.874
45	34.513	34.504	34.487	34.470	34.444	34.427	34.410	34.427	34.444	34.470
50	31.512	31.597	31.666	31.717	31.760	31.812	31.863	31.812	31.760	31.717
55	30.020	30.183	30.328	30.440	30.551	30.663	30.774	30.663	30.551	30.440
60	24.472	24.626	24.729	24.781	24.841	24.892	24.944	24.892	24.841	24.781
65	17.235	17.244	17.269	17.312	17.355	17.398	17.441	17.398	17.355	17.312
70	11.979	11.970	11.970	11.979	11.979	11.987	11.987	11.987	11.979	11.979
75	8.163	8.163	8.172	8.180	8.189	8.206	8.214	8.206	8.189	8.180
80	4.476	4.476	4.476	4.476	4.485	4.485	4.485	4.485	4.485	4.476
85	0.926	0.926	0.926	0.926	0.943	0.943	0.943	0.943	0.943	0.926
90	0.360	0.360	0.360	0.360	0.343	0.343	0.343	0.343	0.343	0.360
95	0.926	0.926	0.926	0.926	0.943	0.943	0.943	0.943	0.943	0.926
100	4.476	4.476	4.476	4.476	4.485	4.485	4.485	4.485	4.485	4.476
105	8.163	8.163	8.172	8.180	8.189	8.206	8.214	8.206	8.189	8.180
110	11.979	11.970	11.970	11.979	11.979	11.987	11.987	11.987	11.979	11.979
115	17.235	17.244	17.269	17.312	17.355	17.398	17.441	17.398	17.355	17.312
120	24.472	24.626	24.729	24.781	24.841	24.892	24.944	24.892	24.841	24.781
125	30.020	30.183	30.328	30.440	30.551	30.663	30.774	30.663	30.551	30.440
130	31.512	31.597	31.666	31.717	31.760	31.812	31.863	31.812	31.760	31.717
135	34.513	34.504	34.487	34.470	34.444	34.427	34.410	34.427	34.444	34.470
140	64.258	63.306	62.517	61.874	61.231	60.588	59.945	60.588	61.231	61.874
145	334.795	334.907	334.581	333.826	333.080	332.326	331.571	332.326	333.080	333.826
150	812.478	815.110	816.996	818.128	819.269	820.401	821.532	820.401	819.269	818.128
155	1030.067	1029.895	1030.187	1030.950	1031.704	1032.468	1033.222	1032.468	1031.704	1030.950
160	1160.238	1156.371	1154.724	1155.282	1155.839	1156.396	1156.954	1156.396	1155.839	1155.282
165	1810.887	1791.174	1780.121	1777.729	1775.328	1772.936	1770.535	1772.936	1775.328	1777.729
170	5506.188	5451.045	5418.101	5407.349	5396.596	5385.844	5375.091	5385.844	5396.596	5407.349
175	17989.889	17974.960	17964.010	17957.031	17950.051	17943.080	17936.100	17943.080	17950.051	17957.031
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

## 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	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

5	17963.9931	7974.9431	7989.8711	8004.7911	8019.7201	8034.6391	8079.7761	8124.9211	8170.0581	8215.203
10	5418.101	5451.045	5506.188	5561.331	5616.466	5671.609	5715.108	5758.607	5802.106	5845.605
15	1780.121	1791.174	1810.887	1830.591	1850.304	1870.009	1878.189	1886.369	1894.549	1902.730
20	1154.724	1156.371	1160.238	1164.096	1167.963	1171.822	1175.569	1179.325	1183.072	1186.819
25	1030.187	1029.895	1030.067	1030.247	1030.418	1030.590	1031.404	1032.219	1033.034	1033.848
30	816.996	815.110	812.478	809.845	807.213	804.580	805.318	806.047	806.784	807.513
35	334.581	334.907	334.795	334.684	334.572	334.461	337.128	339.786	342.452	345.119
40	62.517	63.306	64.258	65.210	66.162	67.113	68.408	69.703	70.998	72.292
45	34.487	34.504	34.513	34.530	34.538	34.556	34.538	34.530	34.513	34.504
50	31.666	31.597	31.512	31.426	31.340	31.254	31.212	31.169	31.126	31.083
55	30.328	30.183	30.020	29.848	29.685	29.514	29.428	29.334	29.248	29.154
60	24.729	24.626	24.472	24.309	24.155	24.000	23.957	23.915	23.872	23.829
65	17.269	17.244	17.235	17.226	17.218	17.209	17.192	17.175	17.158	17.141
70	11.970	11.970	11.979	11.979	11.987	11.987	11.979	11.970	11.962	11.953
75	8.172	8.163	8.163	8.154	8.154	8.154	8.137	8.129	8.112	8.103
80	4.476	4.476	4.476	4.485	4.485	4.485	4.485	4.493	4.485	4.493
85	0.926	0.926	0.926	0.917	0.917	0.917	0.917	0.917	0.909	0.909
90	0.360	0.360	0.360	0.377	0.377	0.377	0.377	0.377	0.377	0.377
95	0.926	0.926	0.926	0.917	0.917	0.917	0.917	0.917	0.909	0.909
100	4.476	4.476	4.476	4.485	4.485	4.485	4.485	4.493	4.485	4.493
105	8.172	8.163	8.163	8.154	8.154	8.154	8.137	8.129	8.112	8.103
110	11.970	11.970	11.979	11.979	11.987	11.987	11.979	11.970	11.962	11.953
115	17.269	17.244	17.235	17.226	17.218	17.209	17.192	17.175	17.158	17.141
120	24.729	24.626	24.472	24.309	24.155	24.000	23.957	23.915	23.872	23.829
125	30.328	30.183	30.020	29.848	29.685	29.514	29.428	29.334	29.248	29.154
130	31.666	31.597	31.512	31.426	31.340	31.254	31.212	31.169	31.126	31.083
135	34.487	34.504	34.513	34.530	34.538	34.556	34.538	34.530	34.513	34.504
140	62.517	63.306	64.258	65.210	66.162	67.113	68.408	69.703	70.998	72.292
145	334.581	334.907	334.795	334.684	334.572	334.461	337.128	339.786	342.452	345.119
150	816.996	815.110	812.478	809.845	807.213	804.580	805.318	806.047	806.784	807.513
155	1030.187	1029.895	1030.067	1030.247	1030.418	1030.590	1031.404	1032.219	1033.034	1033.848
160	1154.724	1156.371	1160.238	1164.096	1167.963	1171.822	1175.569	1179.325	1183.072	1186.819
165	1780.121	1791.174	1810.887	1830.591	1850.304	1870.009	1878.189	1886.369	1894.549	1902.730
170	5418.101	5451.045	5506.188	5561.331	5616.466	5671.609	5715.108	5758.607	5802.106	5845.605
175	17964.0101	7974.9601	7989.8891	8004.8081	8019.7281	8034.6571	8079.7931	8124.9381	8170.0751	8215.220
180	26495.5152	6495.5152	6495.5152	6495.5152	6495.5152	6495.5152	6495.5152	6495.5152	6495.5152	6495.515

## 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	26496.1582	6496.1582	6496.1582	6496.1582	6496.1582	6496.1582	6496.1582	6496.1582	6496.1582	6496.158
5	18239.2041	8242.0591	8244.9141	8247.7701	8250.6251	8247.7701	8244.9141	8242.0591	8239.2041	8215.203
10	5878.197	5899.865	5921.533	5943.201	5964.869	5943.201	5921.533	5899.865	5878.197	5845.605
15	1914.417	1929.602	1944.788	1959.982	1975.168	1959.982	1944.788	1929.602	1914.417	1902.730
20	1190.026	1192.684	1195.334	1197.992	1200.650	1197.992	1195.334	1192.684	1190.026	1186.819
25	1035.306	1037.398	1039.490	1041.582	1043.675	1041.582	1039.490	1037.398	1035.306	1033.848
30	808.731	810.437	812.143	813.850	815.556	813.850	812.143	810.437	808.731	807.513
35	346.560	346.791	347.023	347.246	347.477	347.246	347.023	346.791	346.560	345.119
40	72.901	72.824	72.755	72.678	72.610	72.678	72.755	72.824	72.901	72.292
45	34.513	34.547	34.590	34.624	34.659	34.624	34.590	34.547	34.513	34.504
50	31.057	31.031	31.006	30.989	30.963	30.989	31.006	31.031	31.057	31.083
55	29.102	29.076	29.059	29.034	29.016	29.034	29.059	29.076	29.102	29.154
60	23.846	23.923	24.000	24.077	24.155	24.077	24.000	23.923	23.846	23.829
65	17.149	17.175	17.201	17.235	17.261	17.235	17.201	17.175	17.149	17.141
70	11.953	11.962	11.970	11.979	11.987	11.979	11.970	11.962	11.953	11.953
75	8.094	8.103	8.112	8.112	8.120	8.112	8.112	8.103	8.094	8.103

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

80	4.493	4.502	4.510	4.510	4.519	4.510	4.510	4.502	4.493	4.493
85	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909
90	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377
95	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909	0.909
100	4.493	4.502	4.510	4.510	4.519	4.510	4.510	4.502	4.493	4.493
105	8.094	8.103	8.112	8.112	8.120	8.112	8.112	8.103	8.094	8.103
110	11.953	11.962	11.970	11.979	11.987	11.979	11.970	11.962	11.953	11.953
115	17.149	17.175	17.201	17.235	17.261	17.235	17.201	17.175	17.149	17.141
120	23.846	23.923	24.000	24.077	24.155	24.077	24.000	23.923	23.846	23.829
125	29.102	29.076	29.059	29.034	29.016	29.034	29.059	29.076	29.102	29.154
130	31.057	31.031	31.006	30.989	30.963	30.989	31.006	31.031	31.057	31.083
135	34.513	34.547	34.590	34.624	34.659	34.624	34.590	34.547	34.513	34.504
140	72.901	72.824	72.755	72.678	72.610	72.678	72.755	72.824	72.901	72.292
145	346.560	346.791	347.023	347.246	347.477	347.246	347.023	346.791	346.560	345.119
150	808.731	810.437	812.143	813.850	815.556	813.850	812.143	810.437	808.731	807.513
155	1035.306	1037.398	1039.490	1041.582	1043.675	1041.582	1039.490	1037.398	1035.306	1033.848
160	1190.026	1192.684	1195.334	1197.992	1200.650	1197.992	1195.334	1192.684	1190.026	1186.819
165	1914.417	1929.602	1944.788	1959.982	1975.168	1959.982	1944.788	1929.602	1914.417	1902.730
170	5878.197	5899.865	5921.533	5943.201	5964.869	5943.201	5921.533	5899.865	5878.197	5845.605
175	18239.212	18242.068	18244.931	18247.787	18250.642	18247.787	18244.931	18242.068	18239.212	18215.220
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

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	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158	26496.158
5	18170.058	18124.921	18079.776	18034.639	18019.720	18004.791	17989.871	17974.943	17963.993	17957.014
10	5802.106	5758.607	5715.108	5671.609	5616.466	5561.331	5506.188	5451.045	5418.101	5407.349
15	1894.549	1886.369	1878.189	1870.009	1850.304	1830.591	1810.887	1791.174	1780.121	1777.729
20	1183.072	1179.325	1175.569	1171.822	1167.963	1164.096	1160.238	1156.371	1154.724	1155.282
25	1033.034	1032.219	1031.404	1030.590	1030.418	1030.247	1030.067	1029.895	1030.187	1030.950
30	806.784	806.047	805.318	804.580	807.213	809.845	812.478	815.110	816.996	818.128
35	342.452	339.786	337.128	334.461	334.572	334.684	334.795	334.907	334.581	333.826
40	70.998	69.703	68.408	67.113	66.162	65.210	64.258	63.306	62.517	61.874
45	34.513	34.530	34.538	34.556	34.538	34.530	34.513	34.504	34.487	34.470
50	31.126	31.169	31.212	31.254	31.340	31.426	31.512	31.597	31.666	31.717
55	29.248	29.334	29.428	29.514	29.685	29.848	30.020	30.183	30.328	30.440
60	23.872	23.915	23.957	24.000	24.155	24.309	24.472	24.626	24.729	24.781
65	17.158	17.175	17.192	17.209	17.218	17.226	17.235	17.244	17.269	17.312
70	11.962	11.970	11.979	11.987	11.987	11.979	11.979	11.970	11.970	11.979
75	8.112	8.129	8.137	8.154	8.154	8.154	8.163	8.163	8.172	8.180
80	4.485	4.493	4.485	4.485	4.485	4.485	4.476	4.476	4.476	4.476
85	0.909	0.917	0.917	0.917	0.917	0.917	0.926	0.926	0.926	0.926
90	0.377	0.377	0.377	0.377	0.377	0.377	0.360	0.360	0.360	0.360
95	0.909	0.917	0.917	0.917	0.917	0.917	0.926	0.926	0.926	0.926
100	4.485	4.493	4.485	4.485	4.485	4.485	4.476	4.476	4.476	4.476
105	8.112	8.129	8.137	8.154	8.154	8.154	8.163	8.163	8.172	8.180
110	11.962	11.970	11.979	11.987	11.987	11.979	11.979	11.970	11.970	11.979
115	17.158	17.175	17.192	17.209	17.218	17.226	17.235	17.244	17.269	17.312
120	23.872	23.915	23.957	24.000	24.155	24.309	24.472	24.626	24.729	24.781
125	29.248	29.334	29.428	29.514	29.685	29.848	30.020	30.183	30.328	30.440
130	31.126	31.169	31.212	31.254	31.340	31.426	31.512	31.597	31.666	31.717
135	34.513	34.530	34.538	34.556	34.538	34.530	34.513	34.504	34.487	34.470
140	70.998	69.703	68.408	67.113	66.162	65.210	64.258	63.306	62.517	61.874
145	342.452	339.786	337.128	334.461	334.572	334.684	334.795	334.907	334.581	333.826
150	806.784	806.047	805.318	804.580	807.213	809.845	812.478	815.110	816.996	818.128

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1033.034	1032.219	1031.404	1030.590	1030.418	1030.247	1030.067	1029.895	1030.187	1030.950
160	1183.072	1179.325	1175.569	1171.822	1167.963	1164.096	1160.238	1156.371	1154.724	1155.282
165	1894.549	1886.369	1878.189	1870.009	1850.304	1830.591	1810.887	1791.174	1780.121	1777.729
170	5802.106	5758.607	5715.108	5671.609	5616.466	5561.331	5506.188	5451.045	5418.101	5407.349
175	18170.075	18124.938	18079.793	18034.657	18019.737	18004.808	17989.889	17974.960	17964.010	17957.031
180	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515	26495.515

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	26496.158	26496.158	26496.158
5	17950.042	17943.063	17936.083
10	5396.596	5385.844	5375.091
15	1775.328	1772.936	1770.535
20	1155.839	1156.396	1156.954
25	1031.704	1032.468	1033.222
30	819.269	820.401	821.532
35	333.080	332.326	331.571
40	61.231	60.588	59.945
45	34.444	34.427	34.410
50	31.760	31.812	31.863
55	30.551	30.663	30.774
60	24.841	24.892	24.944
65	17.355	17.398	17.441
70	11.979	11.987	11.987
75	8.189	8.206	8.214
80	4.485	4.485	4.485
85	0.943	0.943	0.943
90	0.343	0.343	0.343
95	0.943	0.943	0.943
100	4.485	4.485	4.485
105	8.189	8.206	8.214
110	11.979	11.987	11.987
115	17.355	17.398	17.441
120	24.841	24.892	24.944
125	30.551	30.663	30.774
130	31.760	31.812	31.863
135	34.444	34.427	34.410
140	61.231	60.588	59.945
145	333.080	332.326	331.571
150	819.269	820.401	821.532
155	1031.704	1032.468	1033.222
160	1155.839	1156.396	1156.954
165	1775.328	1772.936	1770.535
170	5396.596	5385.844	5375.091
175	17950.060	17943.080	17936.100
180	26495.515	26495.515	26495.515



COEFFICIENTS OF UTILIZATION



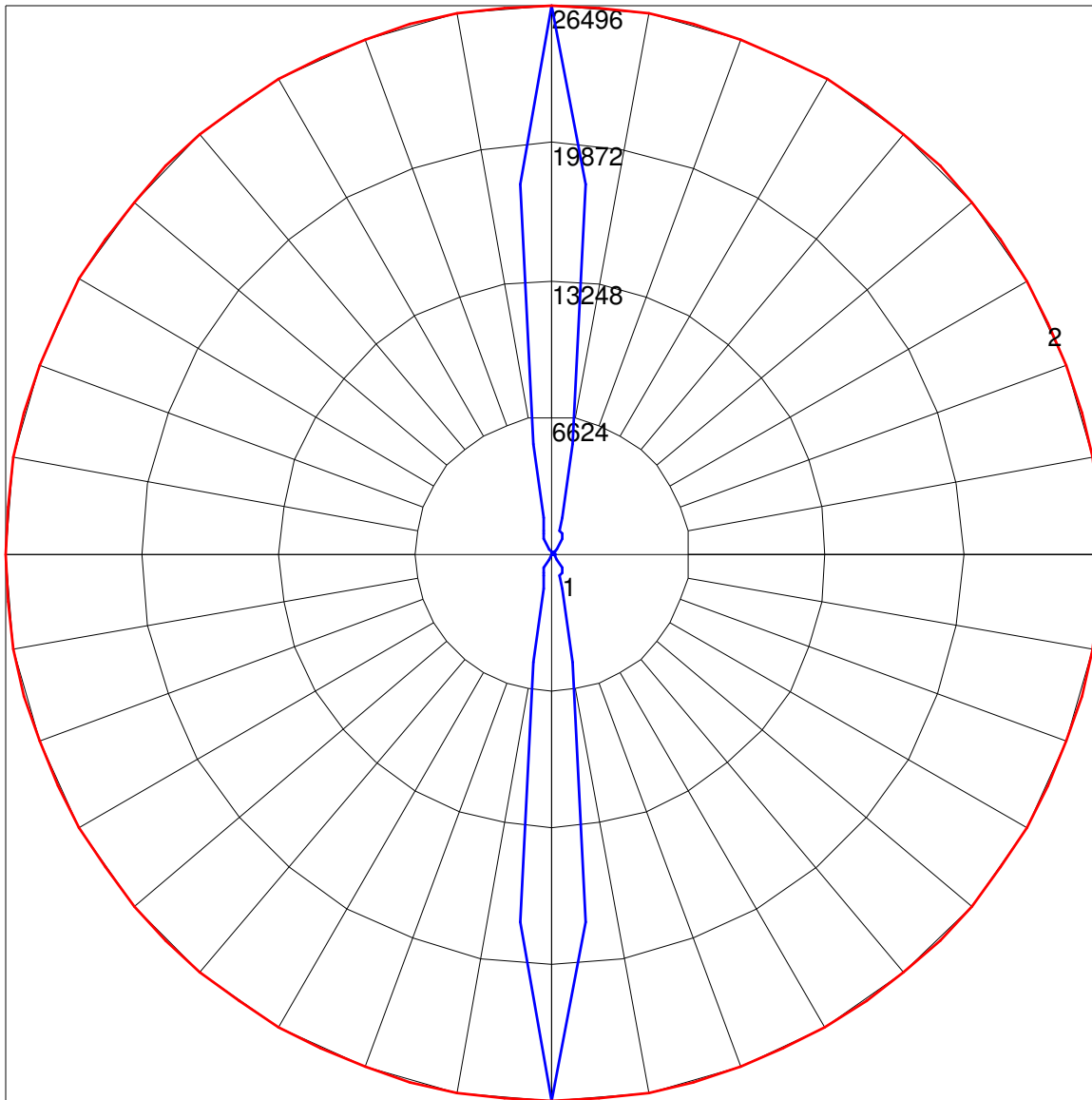
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1433.0	25.0
Downward House Side	1433.0	25.0
Downward Total	2866.0	50.0
Upward Street Side	1433.0	25.0
Upward House Side	1433.0	25.0
Upward Total	2866.0	50.0
Total Flux	5732.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-S-XX\_.IES

POLAR GRAPH

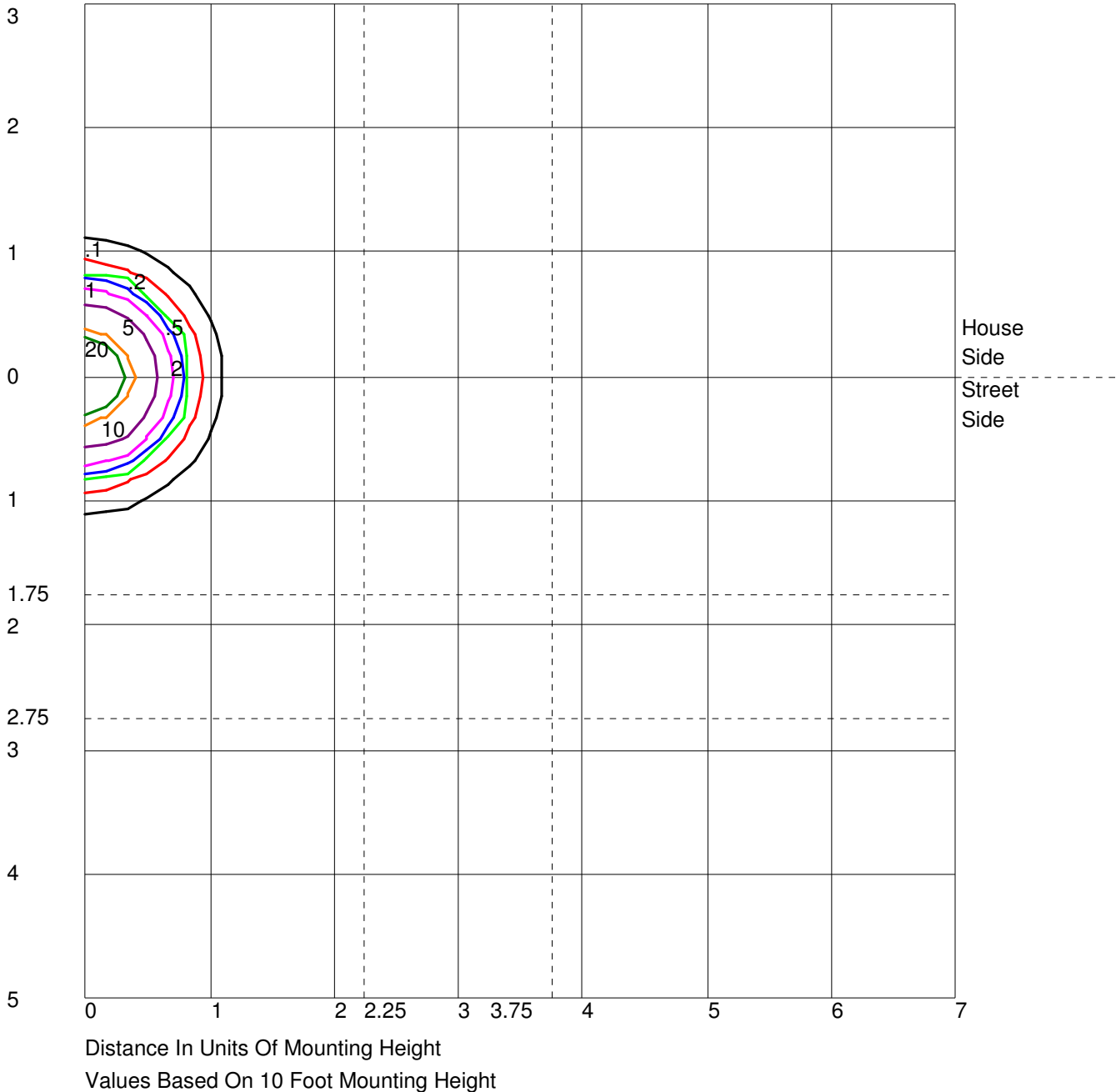


Maximum Candela = 26496.158 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

