

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-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-L20-950U-L20-950D-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	3613
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5211.996
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5211.996
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.319 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.674 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	706.1	N.A.	19.5
FM - Front-Medium (30-60)	183.2	N.A.	5.1
FH - Front-High (60-80)	13.3	N.A.	0.4
FVH - Front-Very High (80-90)	0.7	N.A.	0.0
BL - Back-Low (0-30)	706.1	N.A.	19.5
BM - Back-Medium (30-60)	183.2	N.A.	5.1
BH - Back-High (60-80)	13.3	N.A.	0.4
BVH - Back-Very High (80-90)	0.7	N.A.	0.0
UL - Uplight-Low (90-100)	1.5	N.A.	0.0
UH - Uplight-High (100-180)	1805.1	N.A.	50.0
Total	3613.2	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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4487.914	4487.698	4487.481	4487.257	4487.041	4487.302	4488.042	4488.775	4489.515	4490.255
10	2973.205	2974.079	2974.959	2975.833	2976.707	2979.035	2982.811	2986.587	2990.363	2994.139
15	1859.633	1859.812	1859.984	1860.163	1860.335	1861.675	1864.175	1866.675	1869.176	1871.676
20	1304.031	1304.222	1304.413	1304.598	1304.790	1305.479	1306.659	1307.845	1309.025	1310.211
25	1042.089	1041.311	1040.527	1039.748	1038.964	1038.473	1038.275	1038.071	1037.873	1037.669
30	791.361	790.468	789.581	788.688	787.802	786.086	783.541	780.996	778.457	775.912
35	372.945	373.130	373.321	373.506	373.691	373.965	374.322	374.680	375.037	375.394
40	134.016	134.501	134.986	135.477	135.962	136.817	138.041	139.259	140.484	141.709
45	84.922	85.030	85.139	85.247	85.356	85.534	85.783	86.032	86.281	86.529
50	58.822	58.898	58.975	59.058	59.134	59.262	59.440	59.625	59.804	59.982
55	40.139	40.184	40.229	40.273	40.318	40.407	40.528	40.656	40.777	40.905
60	26.496	26.528	26.560	26.592	26.623	26.674	26.757	26.840	26.923	27.006
65	17.757	17.764	17.777	17.783	17.789	17.821	17.872	17.923	17.974	18.025
70	11.877	11.877	11.883	11.883	11.889	11.902	11.921	11.947	11.966	11.991
75	7.437	7.431	7.431	7.424	7.418	7.418	7.424	7.431	7.437	7.444
80	3.610	3.610	3.610	3.617	3.617	3.623	3.629	3.636	3.648	3.655
85	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
90	0.281	0.281	0.281	0.293	0.293	0.293	0.293	0.306	0.306	0.306
95	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
100	3.610	3.610	3.610	3.617	3.617	3.623	3.629	3.636	3.648	3.655
105	7.437	7.431	7.431	7.424	7.418	7.418	7.424	7.431	7.437	7.444
110	11.877	11.877	11.883	11.883	11.889	11.902	11.921	11.947	11.966	11.991
115	17.757	17.764	17.777	17.783	17.789	17.821	17.872	17.923	17.974	18.025
120	26.496	26.528	26.560	26.592	26.623	26.674	26.757	26.840	26.923	27.006
125	40.139	40.184	40.229	40.273	40.318	40.407	40.528	40.656	40.777	40.905
130	58.822	58.898	58.975	59.058	59.134	59.262	59.440	59.625	59.804	59.982
135	84.922	85.030	85.139	85.247	85.356	85.534	85.783	86.032	86.281	86.529
140	134.016	134.501	134.986	135.477	135.962	136.817	138.041	139.259	140.484	141.709
145	372.945	373.130	373.321	373.506	373.691	373.965	374.322	374.680	375.037	375.394
150	791.361	790.468	789.581	788.688	787.802	786.086	783.541	780.996	778.457	775.912
155	1042.089	1041.311	1040.527	1039.748	1038.964	1038.473	1038.275	1038.071	1037.873	1037.669
160	1304.031	1304.222	1304.413	1304.598	1304.790	1305.479	1306.659	1307.845	1309.025	1310.211
165	1859.633	1859.812	1859.984	1860.163	1860.335	1861.675	1864.175	1866.675	1869.176	1871.676
170	2973.205	2974.079	2974.959	2975.833	2976.707	2979.035	2982.811	2986.587	2990.363	2994.139
175	4487.914	4487.698	4487.481	4487.264	4487.041	4487.302	4488.042	4488.782	4489.515	4490.255
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4490.325	4490.396	4490.466	4490.536	4490.727	4491.033	4491.346	4491.652	4491.958	4491.652
10	2998.528	3002.922	3007.311	3011.705	3015.137	3017.605	3020.080	3022.549	3025.023	3022.549
15	1874.967	1878.258	1881.543	1884.834	1887.386	1889.191	1890.996	1892.807	1894.613	1892.807
20	1311.717	1313.216	1314.721	1316.220	1317.489	1318.522	1319.549	1320.583	1321.616	1320.583
25	1037.988	1038.300	1038.619	1038.932	1039.500	1040.316	1041.132	1041.949	1042.765	1041.949
30	776.404	776.888	777.379	777.871	778.591	779.542	780.492	781.443	782.393	781.443
35	376.944	378.488	380.037	381.587	382.538	382.901	383.265	383.628	383.992	383.628
40	142.347	142.991	143.629	144.273	144.885	145.472	146.059	146.646	147.232	146.646
45	86.593	86.663	86.727	86.797	86.861	86.925	86.982	87.046	87.110	87.046
50	60.091	60.199	60.308	60.416	60.493	60.537	60.588	60.633	60.684	60.633
55	40.994	41.090	41.179	41.275	41.338	41.383	41.428	41.466	41.511	41.466

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## CANDELA TABULATION - (Cont.)

60	27.064	27.115	27.172	27.229	27.274	27.306	27.344	27.376	27.414	27.376
65	18.051	18.076	18.096	18.121	18.140	18.147	18.159	18.166	18.178	18.166
70	11.998	12.011	12.017	12.023	12.030	12.023	12.023	12.017	12.017	12.017
75	7.450	7.450	7.456	7.463	7.463	7.456	7.450	7.444	7.437	7.444
80	3.661	3.668	3.668	3.674	3.674	3.674	3.668	3.668	3.668	3.668
85	0.778	0.778	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772
90	0.306	0.306	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319
95	0.778	0.778	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772
100	3.661	3.668	3.668	3.674	3.674	3.674	3.668	3.668	3.668	3.668
105	7.450	7.450	7.456	7.463	7.463	7.456	7.450	7.444	7.437	7.444
110	11.998	12.011	12.017	12.023	12.030	12.023	12.023	12.017	12.017	12.017
115	18.051	18.076	18.096	18.121	18.140	18.147	18.159	18.166	18.178	18.166
120	27.064	27.115	27.172	27.229	27.274	27.306	27.344	27.376	27.414	27.376
125	40.994	41.090	41.179	41.275	41.338	41.383	41.428	41.466	41.511	41.466
130	60.091	60.199	60.308	60.416	60.493	60.537	60.588	60.633	60.684	60.633
135	86.593	86.663	86.727	86.797	86.861	86.925	86.982	87.046	87.110	87.046
140	142.347	142.991	143.629	144.273	144.885	145.472	146.059	146.646	147.232	146.646
145	376.944	378.488	380.037	381.587	382.538	382.901	383.265	383.628	383.992	383.628
150	776.404	776.888	777.379	777.871	778.591	779.542	780.492	781.443	782.393	781.443
155	1037.988	1038.300	1038.619	1038.932	1039.500	1040.316	1041.132	1041.949	1042.765	1041.949
160	1311.717	1313.216	1314.721	1316.220	1317.489	1318.522	1319.549	1320.583	1321.616	1320.583
165	1874.967	1878.258	1881.543	1884.834	1887.386	1889.191	1890.996	1892.807	1894.613	1892.807
170	2998.528	3002.922	3007.311	3011.705	3015.137	3017.605	3020.080	3022.549	3025.023	3022.549
175	4490.325	4490.396	4490.472	4490.542	4490.727	4491.040	4491.346	4491.652	4491.958	4491.652
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## 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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4491.346	4491.033	4490.727	4490.536	4490.466	4490.396	4490.325	4490.255	4489.515	4488.775
10	3020.080	3017.605	3015.137	3011.705	3007.311	3002.922	2998.528	2994.139	2990.363	2986.587
15	1890.996	1889.191	1887.386	1884.834	1881.543	1878.258	1874.967	1871.676	1869.176	1866.675
20	1319.549	1318.522	1317.489	1316.220	1314.721	1313.216	1311.717	1310.211	1309.025	1307.845
25	1041.132	1040.316	1039.500	1038.932	1038.619	1038.300	1037.988	1037.669	1037.873	1038.071
30	780.492	779.542	778.591	777.871	777.379	776.888	776.404	775.912	778.457	780.996
35	383.265	382.901	382.538	381.587	380.037	378.488	376.944	375.394	375.037	374.680
40	146.059	145.472	144.885	144.273	143.629	142.991	142.347	141.709	140.484	139.259
45	86.982	86.925	86.861	86.797	86.727	86.663	86.593	86.529	86.281	86.032
50	60.588	60.537	60.493	60.416	60.308	60.199	60.091	59.982	59.804	59.625
55	41.428	41.383	41.338	41.275	41.179	41.090	40.994	40.905	40.777	40.656
60	27.344	27.306	27.274	27.229	27.172	27.115	27.064	27.006	26.923	26.840
65	18.159	18.147	18.140	18.121	18.096	18.076	18.051	18.025	17.974	17.923
70	12.023	12.023	12.030	12.023	12.017	12.011	11.998	11.991	11.966	11.947
75	7.450	7.456	7.463	7.463	7.456	7.450	7.450	7.444	7.437	7.431
80	3.668	3.674	3.674	3.674	3.668	3.668	3.661	3.655	3.648	3.636
85	0.772	0.772	0.772	0.772	0.772	0.778	0.778	0.778	0.778	0.778
90	0.319	0.319	0.319	0.319	0.319	0.306	0.306	0.306	0.306	0.306
95	0.772	0.772	0.772	0.772	0.772	0.778	0.778	0.778	0.778	0.778
100	3.668	3.674	3.674	3.674	3.668	3.668	3.661	3.655	3.648	3.636
105	7.450	7.456	7.463	7.463	7.456	7.450	7.450	7.444	7.437	7.431
110	12.023	12.023	12.030	12.023	12.017	12.011	11.998	11.991	11.966	11.947
115	18.159	18.147	18.140	18.121	18.096	18.076	18.051	18.025	17.974	17.923
120	27.344	27.306	27.274	27.229	27.172	27.115	27.064	27.006	26.923	26.840
125	41.428	41.383	41.338	41.275	41.179	41.090	40.994	40.905	40.777	40.656
130	60.588	60.537	60.493	60.416	60.308	60.199	60.091	59.982	59.804	59.625

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## CANDELA TABULATION - (Cont.)

135	86.982	86.925	86.861	86.797	86.727	86.663	86.593	86.529	86.281	86.032
140	146.059	145.472	144.885	144.273	143.629	142.991	142.347	141.709	140.484	139.259
145	383.265	382.901	382.538	381.587	380.037	378.488	376.944	375.394	375.037	374.680
150	780.492	779.542	778.591	777.871	777.379	776.888	776.404	775.912	778.457	780.996
155	1041.132	1040.316	1039.500	1038.932	1038.619	1038.300	1037.988	1037.669	1037.873	1038.071
160	1319.549	1318.522	1317.489	1316.220	1314.721	1313.216	1311.717	1310.211	1309.025	1307.845
165	1890.996	1889.191	1887.386	1884.834	1881.543	1878.258	1874.967	1871.676	1869.176	1866.675
170	3020.080	3017.605	3015.137	3011.705	3007.311	3002.922	2998.528	2994.139	2990.363	2986.587
175	4491.346	4491.040	4490.727	4490.542	4490.472	4490.396	4490.325	4490.255	4489.515	4488.782
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## 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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4488.042	4487.302	4487.041	4487.257	4487.481	4487.698	4487.914	4487.698	4487.481	4487.257
10	2982.811	2979.035	2976.707	2975.833	2974.959	2974.079	2973.205	2974.079	2974.959	2975.833
15	1864.175	1861.675	1860.335	1860.163	1859.984	1859.812	1859.633	1859.812	1859.984	1860.163
20	1306.659	1305.479	1304.790	1304.598	1304.413	1304.222	1304.031	1304.222	1304.413	1304.598
25	1038.275	1038.473	1038.964	1039.748	1040.527	1041.311	1042.089	1041.311	1040.527	1039.748
30	783.541	786.086	787.802	788.688	789.581	790.468	791.361	790.468	789.581	788.688
35	374.322	373.965	373.691	373.506	373.321	373.130	372.945	373.130	373.321	373.506
40	138.041	136.817	135.962	135.477	134.986	134.501	134.016	134.501	134.986	135.477
45	85.783	85.534	85.356	85.247	85.139	85.030	84.922	85.030	85.139	85.247
50	59.440	59.262	59.134	59.058	58.975	58.898	58.822	58.898	58.975	59.058
55	40.528	40.407	40.318	40.273	40.229	40.184	40.139	40.184	40.229	40.273
60	26.757	26.674	26.623	26.592	26.560	26.528	26.496	26.528	26.560	26.592
65	17.872	17.821	17.789	17.783	17.777	17.764	17.757	17.764	17.777	17.783
70	11.921	11.902	11.889	11.883	11.883	11.877	11.877	11.877	11.883	11.883
75	7.424	7.418	7.418	7.424	7.431	7.431	7.437	7.431	7.431	7.424
80	3.629	3.623	3.617	3.617	3.610	3.610	3.610	3.610	3.610	3.617
85	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
90	0.293	0.293	0.293	0.293	0.281	0.281	0.281	0.281	0.281	0.293
95	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
100	3.629	3.623	3.617	3.617	3.610	3.610	3.610	3.610	3.610	3.617
105	7.424	7.418	7.418	7.424	7.431	7.431	7.437	7.431	7.431	7.424
110	11.921	11.902	11.889	11.883	11.883	11.877	11.877	11.877	11.883	11.883
115	17.872	17.821	17.789	17.783	17.777	17.764	17.757	17.764	17.777	17.783
120	26.757	26.674	26.623	26.592	26.560	26.528	26.496	26.528	26.560	26.592
125	40.528	40.407	40.318	40.273	40.229	40.184	40.139	40.184	40.229	40.273
130	59.440	59.262	59.134	59.058	58.975	58.898	58.822	58.898	58.975	59.058
135	85.783	85.534	85.356	85.247	85.139	85.030	84.922	85.030	85.139	85.247
140	138.041	136.817	135.962	135.477	134.986	134.501	134.016	134.501	134.986	135.477
145	374.322	373.965	373.691	373.506	373.321	373.130	372.945	373.130	373.321	373.506
150	783.541	786.086	787.802	788.688	789.581	790.468	791.361	790.468	789.581	788.688
155	1038.275	1038.473	1038.964	1039.748	1040.527	1041.311	1042.089	1041.311	1040.527	1039.748
160	1306.659	1305.479	1304.790	1304.598	1304.413	1304.222	1304.031	1304.222	1304.413	1304.598
165	1864.175	1861.675	1860.335	1860.163	1859.984	1859.812	1859.633	1859.812	1859.984	1860.163
170	2982.811	2979.035	2976.707	2975.833	2974.959	2974.079	2973.205	2974.079	2974.959	2975.833
175	4488.042	4487.302	4487.041	4487.264	4487.481	4487.698	4487.914	4487.698	4487.481	4487.264
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## 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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	4487.041	4487.302	4488.042	4488.775	4489.515	4490.255	4490.325	4490.396	4490.466	4490.536
10	2976.707	2979.035	2982.811	2986.587	2990.363	2994.139	2998.528	3002.922	3007.311	3011.705
15	1860.335	1861.675	1864.175	1866.675	1869.176	1871.676	1874.967	1878.258	1881.543	1884.834
20	1304.790	1305.479	1306.659	1307.845	1309.025	1310.211	1311.717	1313.216	1314.721	1316.220
25	1038.964	1038.473	1038.275	1038.071	1037.873	1037.669	1037.988	1038.300	1038.619	1038.932
30	787.802	786.086	783.541	780.996	778.457	775.912	776.404	776.888	777.379	777.871
35	373.691	373.965	374.322	374.680	375.037	375.394	376.944	378.488	380.037	381.587
40	135.962	136.817	138.041	139.259	140.484	141.709	142.347	142.991	143.629	144.273
45	85.356	85.534	85.783	86.032	86.281	86.529	86.593	86.663	86.727	86.797
50	59.134	59.262	59.440	59.625	59.804	59.982	60.091	60.199	60.308	60.416
55	40.318	40.407	40.528	40.656	40.777	40.905	40.994	41.090	41.179	41.275
60	26.623	26.674	26.757	26.840	26.923	27.006	27.064	27.115	27.172	27.229
65	17.789	17.821	17.872	17.923	17.974	18.025	18.051	18.076	18.096	18.121
70	11.889	11.902	11.921	11.947	11.966	11.991	11.998	12.011	12.017	12.023
75	7.418	7.418	7.424	7.431	7.437	7.444	7.450	7.450	7.456	7.463
80	3.617	3.623	3.629	3.636	3.648	3.655	3.661	3.668	3.668	3.674
85	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.772	0.772
90	0.293	0.293	0.293	0.306	0.306	0.306	0.306	0.306	0.319	0.319
95	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.772	0.772
100	3.617	3.623	3.629	3.636	3.648	3.655	3.661	3.668	3.668	3.674
105	7.418	7.418	7.424	7.431	7.437	7.444	7.450	7.450	7.456	7.463
110	11.889	11.902	11.921	11.947	11.966	11.991	11.998	12.011	12.017	12.023
115	17.789	17.821	17.872	17.923	17.974	18.025	18.051	18.076	18.096	18.121
120	26.623	26.674	26.757	26.840	26.923	27.006	27.064	27.115	27.172	27.229
125	40.318	40.407	40.528	40.656	40.777	40.905	40.994	41.090	41.179	41.275
130	59.134	59.262	59.440	59.625	59.804	59.982	60.091	60.199	60.308	60.416
135	85.356	85.534	85.783	86.032	86.281	86.529	86.593	86.663	86.727	86.797
140	135.962	136.817	138.041	139.259	140.484	141.709	142.347	142.991	143.629	144.273
145	373.691	373.965	374.322	374.680	375.037	375.394	376.944	378.488	380.037	381.587
150	787.802	786.086	783.541	780.996	778.457	775.912	776.404	776.888	777.379	777.871
155	1038.964	1038.473	1038.275	1038.071	1037.873	1037.669	1037.988	1038.300	1038.619	1038.932
160	1304.790	1305.479	1306.659	1307.845	1309.025	1310.211	1311.717	1313.216	1314.721	1316.220
165	1860.335	1861.675	1864.175	1866.675	1869.176	1871.676	1874.967	1878.258	1881.543	1884.834
170	2976.707	2979.035	2982.811	2986.587	2990.363	2994.139	2998.528	3002.922	3007.311	3011.705
175	4487.041	4487.302	4488.042	4488.782	4489.515	4490.255	4490.325	4490.396	4490.472	4490.542
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## 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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4490.727	4491.033	4491.346	4491.652	4491.958	4491.652	4491.346	4491.033	4490.727	4490.536
10	3015.137	3017.605	3020.080	3022.549	3025.023	3022.549	3020.080	3017.605	3015.137	3011.705
15	1887.386	1889.191	1890.996	1892.807	1894.613	1892.807	1890.996	1889.191	1887.386	1884.834
20	1317.489	1318.522	1319.549	1320.583	1321.616	1320.583	1319.549	1318.522	1317.489	1316.220
25	1039.500	1040.316	1041.132	1041.949	1042.765	1041.949	1041.132	1040.316	1039.500	1038.932
30	778.591	779.542	780.492	781.443	782.393	781.443	780.492	779.542	778.591	777.871
35	382.538	382.901	383.265	383.628	383.992	383.628	383.265	382.901	382.538	381.587
40	144.885	145.472	146.059	146.646	147.232	146.646	146.059	145.472	144.885	144.273
45	86.861	86.925	86.982	87.046	87.110	87.046	86.982	86.925	86.861	86.797
50	60.493	60.537	60.588	60.633	60.684	60.633	60.588	60.537	60.493	60.416
55	41.338	41.383	41.428	41.466	41.511	41.466	41.428	41.383	41.338	41.275
60	27.274	27.306	27.344	27.376	27.414	27.376	27.344	27.306	27.274	27.229
65	18.140	18.147	18.159	18.166	18.178	18.166	18.159	18.147	18.140	18.121
70	12.030	12.023	12.023	12.017	12.017	12.017	12.023	12.023	12.030	12.023
75	7.463	7.456	7.450	7.444	7.437	7.444	7.450	7.456	7.463	7.463

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	3.674	3.674	3.668	3.668	3.668	3.668	3.668	3.674	3.674	3.674
85	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772
90	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319
95	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772	0.772
100	3.674	3.674	3.668	3.668	3.668	3.668	3.668	3.674	3.674	3.674
105	7.463	7.456	7.450	7.444	7.437	7.444	7.450	7.456	7.463	7.463
110	12.030	12.023	12.023	12.017	12.017	12.017	12.023	12.023	12.030	12.023
115	18.140	18.147	18.159	18.166	18.178	18.166	18.159	18.147	18.140	18.121
120	27.274	27.306	27.344	27.376	27.414	27.376	27.344	27.306	27.274	27.229
125	41.338	41.383	41.428	41.466	41.511	41.466	41.428	41.383	41.338	41.275
130	60.493	60.537	60.588	60.633	60.684	60.633	60.588	60.537	60.493	60.416
135	86.861	86.925	86.982	87.046	87.110	87.046	86.982	86.925	86.861	86.797
140	144.885	145.472	146.059	146.646	147.232	146.646	146.059	145.472	144.885	144.273
145	382.538	382.901	383.265	383.628	383.992	383.628	383.265	382.901	382.538	381.587
150	778.591	779.542	780.492	781.443	782.393	781.443	780.492	779.542	778.591	777.871
155	1039.500	1040.316	1041.132	1041.949	1042.765	1041.949	1041.132	1040.316	1039.500	1038.932
160	1317.489	1318.522	1319.549	1320.583	1321.616	1320.583	1319.549	1318.522	1317.489	1316.220
165	1887.386	1889.191	1890.996	1892.807	1894.613	1892.807	1890.996	1889.191	1887.386	1884.834
170	3015.137	3017.605	3020.080	3022.549	3025.023	3022.549	3020.080	3017.605	3015.137	3011.705
175	4490.727	4491.040	4491.346	4491.652	4491.958	4491.652	4491.346	4491.040	4490.727	4490.542
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## 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	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996	5211.996
5	4490.466	4490.396	4490.325	4490.255	4489.515	4488.775	4488.042	4487.302	4487.041	4487.257
10	3007.311	3002.922	2998.528	2994.139	2990.363	2986.587	2982.811	2979.035	2976.707	2975.833
15	1881.543	1878.258	1874.967	1871.676	1869.176	1866.675	1864.175	1861.675	1860.335	1860.163
20	1314.721	1313.216	1311.717	1310.211	1309.025	1307.845	1306.659	1305.479	1304.790	1304.598
25	1038.619	1038.300	1037.988	1037.669	1037.873	1038.071	1038.275	1038.473	1038.964	1039.748
30	777.379	776.888	776.404	775.912	778.457	780.996	783.541	786.086	787.802	788.688
35	380.037	378.488	376.944	375.394	375.037	374.680	374.322	373.965	373.691	373.506
40	143.629	142.991	142.347	141.709	140.484	139.259	138.041	136.817	135.962	135.477
45	86.727	86.663	86.593	86.529	86.281	86.032	85.783	85.534	85.356	85.247
50	60.308	60.199	60.091	59.982	59.804	59.625	59.440	59.262	59.134	59.058
55	41.179	41.090	40.994	40.905	40.777	40.656	40.528	40.407	40.318	40.273
60	27.172	27.115	27.064	27.006	26.923	26.840	26.757	26.674	26.623	26.592
65	18.096	18.076	18.051	18.025	17.974	17.923	17.872	17.821	17.789	17.783
70	12.017	12.011	11.998	11.991	11.966	11.947	11.921	11.902	11.889	11.883
75	7.456	7.450	7.450	7.444	7.437	7.431	7.424	7.418	7.418	7.424
80	3.668	3.668	3.661	3.655	3.648	3.636	3.629	3.623	3.617	3.617
85	0.772	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
90	0.319	0.306	0.306	0.306	0.306	0.306	0.293	0.293	0.293	0.293
95	0.772	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778	0.778
100	3.668	3.668	3.661	3.655	3.648	3.636	3.629	3.623	3.617	3.617
105	7.456	7.450	7.450	7.444	7.437	7.431	7.424	7.418	7.418	7.424
110	12.017	12.011	11.998	11.991	11.966	11.947	11.921	11.902	11.889	11.883
115	18.096	18.076	18.051	18.025	17.974	17.923	17.872	17.821	17.789	17.783
120	27.172	27.115	27.064	27.006	26.923	26.840	26.757	26.674	26.623	26.592
125	41.179	41.090	40.994	40.905	40.777	40.656	40.528	40.407	40.318	40.273
130	60.308	60.199	60.091	59.982	59.804	59.625	59.440	59.262	59.134	59.058
135	86.727	86.663	86.593	86.529	86.281	86.032	85.783	85.534	85.356	85.247
140	143.629	142.991	142.347	141.709	140.484	139.259	138.041	136.817	135.962	135.477
145	380.037	378.488	376.944	375.394	375.037	374.680	374.322	373.965	373.691	373.506
150	777.379	776.888	776.404	775.912	778.457	780.996	783.541	786.086	787.802	788.688

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1038.619	1038.300	1037.988	1037.669	1037.873	1038.071	1038.275	1038.473	1038.964	1039.748
160	1314.721	1313.216	1311.717	1310.211	1309.025	1307.845	1306.659	1305.479	1304.790	1304.598
165	1881.543	1878.258	1874.967	1871.676	1869.176	1866.675	1864.175	1861.675	1860.335	1860.163
170	3007.311	3002.922	2998.528	2994.139	2990.363	2986.587	2982.811	2979.035	2976.707	2975.833
175	4490.472	4490.396	4490.325	4490.255	4489.515	4488.782	4488.042	4487.302	4487.041	4487.264
180	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786	5211.786

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5211.996	5211.996	5211.996
5	4487.481	4487.698	4487.914
10	2974.959	2974.079	2973.205
15	1859.984	1859.812	1859.633
20	1304.413	1304.222	1304.031
25	1040.527	1041.311	1042.089
30	789.581	790.468	791.361
35	373.321	373.130	372.945
40	134.986	134.501	134.016
45	85.139	85.030	84.922
50	58.975	58.898	58.822
55	40.229	40.184	40.139
60	26.560	26.528	26.496
65	17.777	17.764	17.757
70	11.883	11.877	11.877
75	7.431	7.431	7.437
80	3.610	3.610	3.610
85	0.778	0.778	0.778
90	0.281	0.281	0.281
95	0.778	0.778	0.778
100	3.610	3.610	3.610
105	7.431	7.431	7.437
110	11.883	11.877	11.877
115	17.777	17.764	17.757
120	26.560	26.528	26.496
125	40.229	40.184	40.139
130	58.975	58.898	58.822
135	85.139	85.030	84.922
140	134.986	134.501	134.016
145	373.321	373.130	372.945
150	789.581	790.468	791.361
155	1040.527	1041.311	1042.089
160	1304.413	1304.222	1304.031
165	1859.984	1859.812	1859.633
170	2974.959	2974.079	2973.205
175	4487.481	4487.698	4487.914
180	5211.786	5211.786	5211.786



COEFFICIENTS OF UTILIZATION



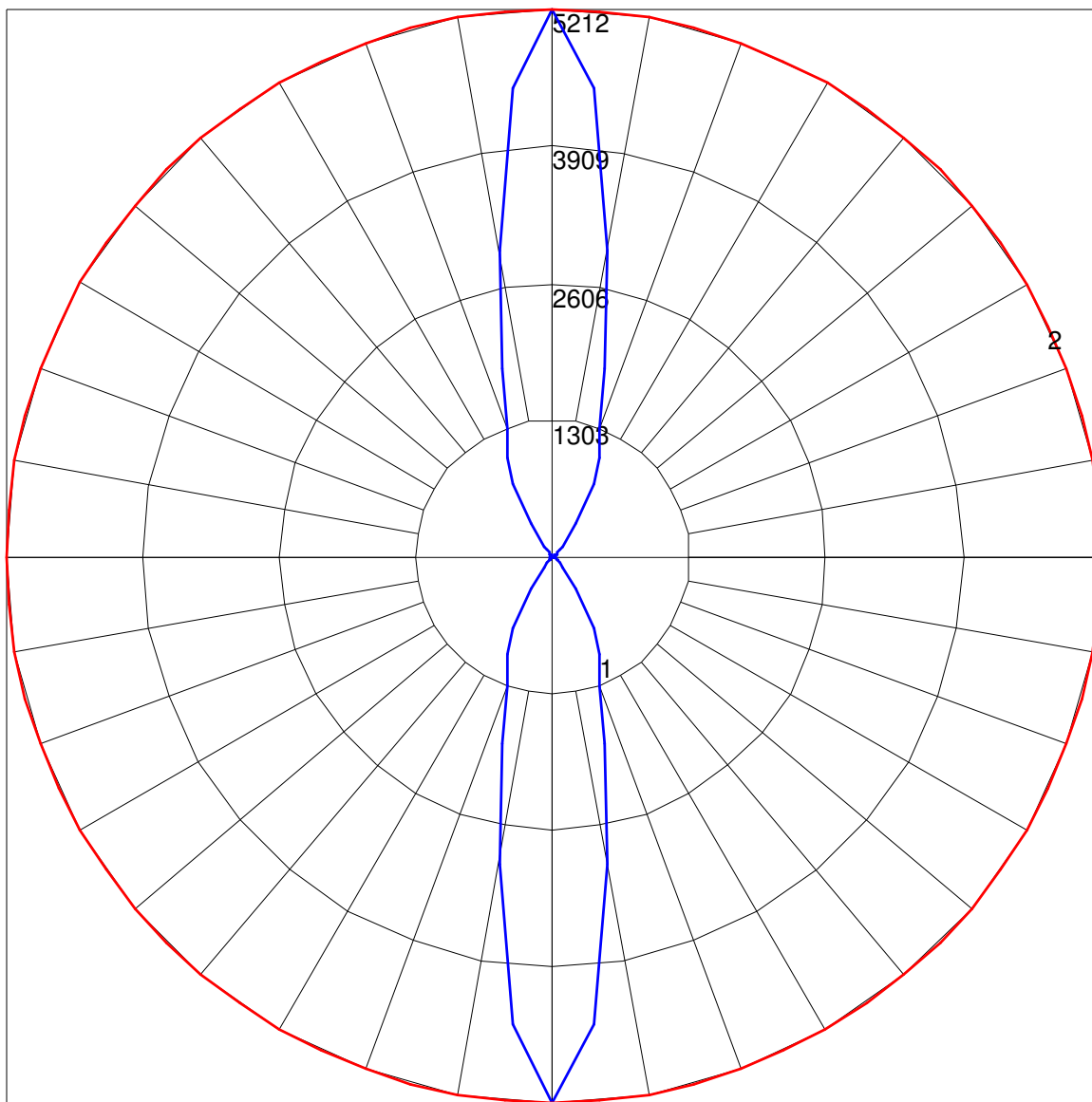
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	903.3	25.0
Downward House Side	903.3	25.0
Downward Total	1806.6	50.0
Upward Street Side	903.3	25.0
Upward House Side	903.3	25.0
Upward Total	1806.6	50.0
Total Flux	3613.2	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

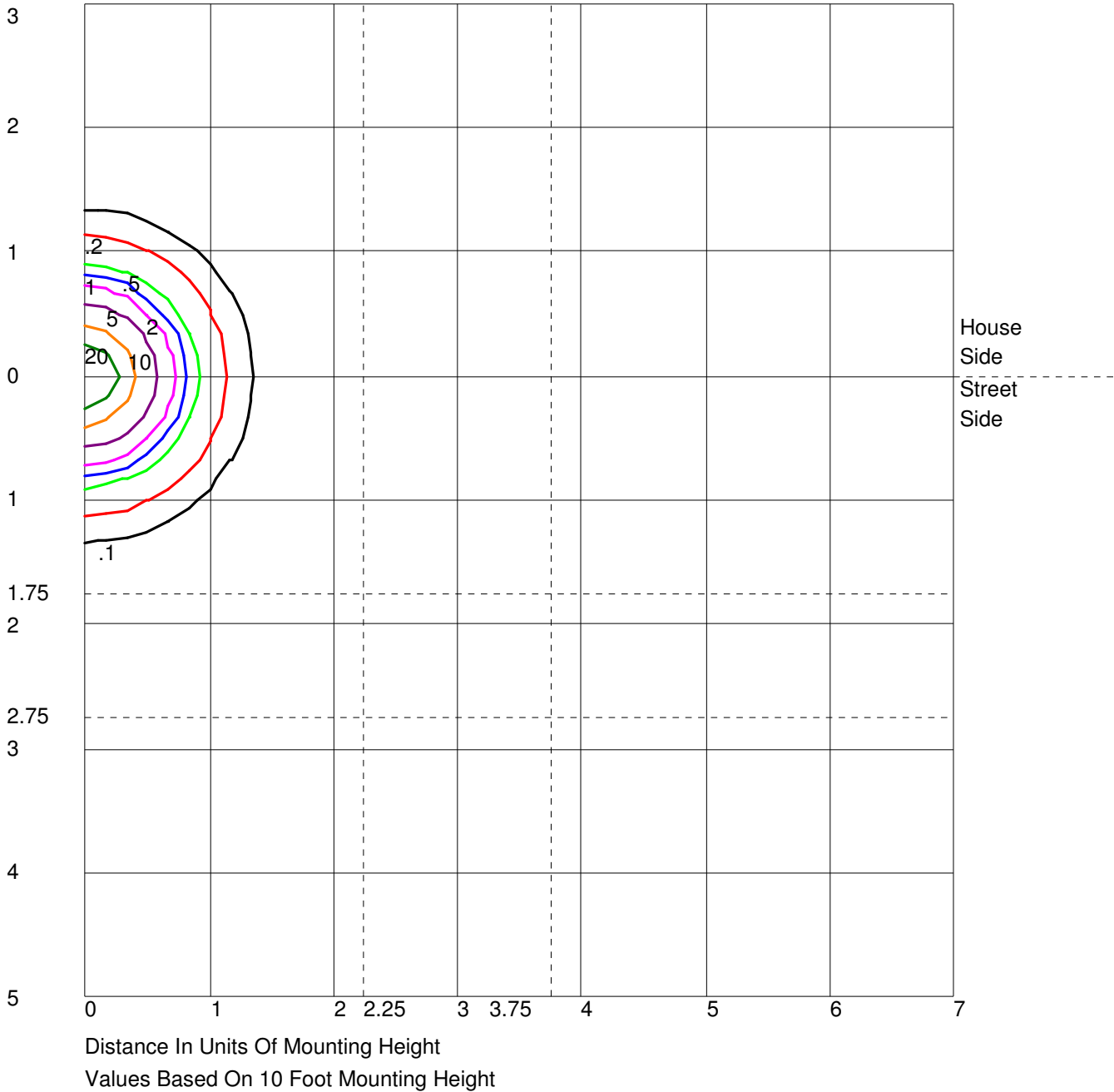


Maximum Candela = 5211.996 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

