

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-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-L20-850U-L20-850D-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	3805
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5489.23
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5489.23
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.336 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.869 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	743.7	N.A.	19.5
FM - Front-Medium (30-60)	192.9	N.A.	5.1
FH - Front-High (60-80)	14.0	N.A.	0.4
FVH - Front-Very High (80-90)	0.8	N.A.	0.0
BL - Back-Low (0-30)	743.7	N.A.	19.5
BM - Back-Medium (30-60)	192.9	N.A.	5.1
BH - Back-High (60-80)	14.0	N.A.	0.4
BVH - Back-Very High (80-90)	0.8	N.A.	0.0
UL - Uplight-Low (90-100)	1.6	N.A.	0.0
UH - Uplight-High (100-180)	1901.1	N.A.	50.0
Total	3805.5	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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4726.633	4726.405	4726.176	4725.941	4725.713	4725.988	4726.768	4727.540	4728.319	4729.099
10	3131.355	3132.275	3133.202	3134.122	3135.043	3137.494	3141.471	3145.448	3149.425	3153.402
15	1958.550	1958.738	1958.920	1959.108	1959.289	1960.700	1963.333	1965.966	1968.600	1971.233
20	1373.394	1373.596	1373.797	1373.992	1374.193	1374.919	1376.162	1377.411	1378.654	1379.903
25	1097.519	1096.700	1095.874	1095.054	1094.228	1093.711	1093.502	1093.287	1093.079	1092.864
30	833.455	832.514	831.580	830.640	829.706	827.899	825.219	822.538	819.865	817.184
35	392.782	392.977	393.179	393.373	393.568	393.857	394.233	394.609	394.986	395.362
40	141.145	141.656	142.166	142.683	143.194	144.094	145.384	146.667	147.957	149.246
45	89.439	89.553	89.667	89.782	89.896	90.084	90.346	90.608	90.870	91.132
50	61.950	62.031	62.112	62.199	62.280	62.414	62.602	62.797	62.985	63.173
55	42.274	42.321	42.368	42.415	42.462	42.556	42.684	42.818	42.946	43.080
60	27.905	27.939	27.972	28.006	28.040	28.093	28.181	28.268	28.355	28.443
65	18.702	18.709	18.722	18.729	18.736	18.769	18.823	18.877	18.930	18.984
70	12.508	12.508	12.515	12.515	12.522	12.535	12.555	12.582	12.602	12.629
75	7.833	7.826	7.826	7.819	7.813	7.813	7.819	7.826	7.833	7.840
80	3.802	3.802	3.802	3.809	3.809	3.816	3.822	3.829	3.843	3.849
85	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
90	0.296	0.296	0.296	0.309	0.309	0.309	0.309	0.322	0.322	0.322
95	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
100	3.802	3.802	3.802	3.809	3.809	3.816	3.822	3.829	3.843	3.849
105	7.833	7.826	7.826	7.819	7.813	7.813	7.819	7.826	7.833	7.840
110	12.508	12.508	12.515	12.515	12.522	12.535	12.555	12.582	12.602	12.629
115	18.702	18.709	18.722	18.729	18.736	18.769	18.823	18.877	18.930	18.984
120	27.905	27.939	27.972	28.006	28.040	28.093	28.181	28.268	28.355	28.443
125	42.274	42.321	42.368	42.415	42.462	42.556	42.684	42.818	42.946	43.080
130	61.950	62.031	62.112	62.199	62.280	62.414	62.602	62.797	62.985	63.173
135	89.439	89.553	89.667	89.782	89.896	90.084	90.346	90.608	90.870	91.132
140	141.145	141.656	142.166	142.683	143.194	144.094	145.384	146.667	147.957	149.246
145	392.782	392.977	393.179	393.373	393.568	393.857	394.233	394.609	394.986	395.362
150	833.455	832.514	831.580	830.640	829.706	827.899	825.219	822.538	819.865	817.184
155	1097.519	1096.700	1095.874	1095.054	1094.228	1093.711	1093.502	1093.287	1093.079	1092.864
160	1373.394	1373.596	1373.797	1373.992	1374.193	1374.919	1376.162	1377.411	1378.654	1379.903
165	1958.550	1958.738	1958.920	1959.108	1959.289	1960.700	1963.333	1965.966	1968.600	1971.233
170	3131.355	3132.275	3133.202	3134.122	3135.043	3137.494	3141.471	3145.448	3149.425	3153.402
175	4726.633	4726.405	4726.176	4725.948	4725.713	4725.988	4726.768	4727.547	4728.319	4729.099
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4729.172	4729.246	4729.320	4729.394	4729.596	4729.918	4730.247	4730.570	4730.892	4730.570
10	3158.024	3162.652	3167.274	3171.902	3175.516	3178.116	3180.723	3183.322	3185.929	3183.322
15	1974.699	1978.166	1981.625	1985.092	1987.779	1989.680	1991.581	1993.489	1995.390	1993.489
20	1381.489	1383.067	1384.653	1386.232	1387.568	1388.657	1389.738	1390.826	1391.915	1390.826
25	1093.200	1093.529	1093.865	1094.194	1094.792	1095.652	1096.512	1097.372	1098.232	1097.372
30	817.702	818.212	818.729	819.247	820.006	821.007	822.008	823.009	824.010	823.009
35	396.994	398.620	400.252	401.885	402.886	403.268	403.651	404.034	404.417	404.034
40	149.918	150.597	151.268	151.947	152.592	153.210	153.828	154.446	155.064	154.446
45	91.199	91.273	91.340	91.414	91.481	91.548	91.609	91.676	91.743	91.676
50	63.287	63.401	63.516	63.630	63.710	63.757	63.811	63.858	63.912	63.858
55	43.174	43.275	43.369	43.470	43.537	43.584	43.631	43.672	43.719	43.672

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CANDELA TABULATION - (Cont.)

60	28.503	28.557	28.617	28.678	28.725	28.758	28.799	28.832	28.873	28.832
65	19.011	19.038	19.058	19.085	19.105	19.112	19.125	19.132	19.145	19.132
70	12.636	12.649	12.656	12.663	12.670	12.663	12.663	12.656	12.656	12.656
75	7.846	7.846	7.853	7.860	7.860	7.853	7.846	7.840	7.833	7.840
80	3.856	3.863	3.863	3.869	3.869	3.869	3.863	3.863	3.863	3.863
85	0.820	0.820	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813
90	0.322	0.322	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336
95	0.820	0.820	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813
100	3.856	3.863	3.863	3.869	3.869	3.869	3.863	3.863	3.863	3.863
105	7.846	7.846	7.853	7.860	7.860	7.853	7.846	7.840	7.833	7.840
110	12.636	12.649	12.656	12.663	12.670	12.663	12.663	12.656	12.656	12.656
115	19.011	19.038	19.058	19.085	19.105	19.112	19.125	19.132	19.145	19.132
120	28.503	28.557	28.617	28.678	28.725	28.758	28.799	28.832	28.873	28.832
125	43.174	43.275	43.369	43.470	43.537	43.584	43.631	43.672	43.719	43.672
130	63.287	63.401	63.516	63.630	63.710	63.757	63.811	63.858	63.912	63.858
135	91.199	91.273	91.340	91.414	91.481	91.548	91.609	91.676	91.743	91.676
140	149.918	150.597	151.268	151.947	152.592	153.210	153.828	154.446	155.064	154.446
145	396.994	398.620	400.252	401.885	402.886	403.268	403.651	404.034	404.417	404.034
150	817.702	818.212	818.729	819.247	820.006	821.007	822.008	823.009	824.010	823.009
155	1093.200	1093.529	1093.865	1094.194	1094.792	1095.652	1096.512	1097.372	1098.232	1097.372
160	1381.489	1383.067	1384.653	1386.232	1387.568	1388.657	1389.738	1390.826	1391.915	1390.826
165	1974.699	1978.166	1981.625	1985.092	1987.779	1989.680	1991.581	1993.489	1995.390	1993.489
170	3158.024	3162.652	3167.274	3171.902	3175.516	3178.116	3180.723	3183.322	3185.929	3183.322
175	4729.172	4729.246	4729.327	4729.401	4729.596	4729.925	4730.247	4730.570	4730.892	4730.570
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4730.247	4729.918	4729.596	4729.394	4729.320	4729.246	4729.172	4729.099	4728.319	4727.540
10	3180.723	3178.116	3175.516	3171.902	3167.274	3162.652	3158.024	3153.402	3149.425	3145.448
15	1991.581	1989.680	1987.779	1985.092	1981.625	1978.166	1974.699	1971.233	1968.600	1965.966
20	1389.738	1388.657	1387.568	1386.232	1384.653	1383.067	1381.489	1379.903	1378.654	1377.411
25	1096.512	1095.652	1094.792	1094.194	1093.865	1093.529	1093.200	1092.864	1093.079	1093.287
30	822.008	821.007	820.006	819.247	818.729	818.212	817.702	817.184	819.865	822.538
35	403.651	403.268	402.886	401.885	400.252	398.620	396.994	395.362	394.986	394.609
40	153.828	153.210	152.592	151.947	151.268	150.597	149.918	149.246	147.957	146.667
45	91.609	91.548	91.481	91.414	91.340	91.273	91.199	91.132	90.870	90.608
50	63.811	63.757	63.710	63.630	63.516	63.401	63.287	63.173	62.985	62.797
55	43.631	43.584	43.537	43.470	43.369	43.275	43.174	43.080	42.946	42.818
60	28.799	28.758	28.725	28.678	28.617	28.557	28.503	28.443	28.355	28.268
65	19.125	19.112	19.105	19.085	19.058	19.038	19.011	18.984	18.930	18.877
70	12.663	12.663	12.670	12.663	12.656	12.649	12.636	12.629	12.602	12.582
75	7.846	7.853	7.860	7.860	7.853	7.846	7.846	7.840	7.833	7.826
80	3.863	3.869	3.869	3.869	3.863	3.863	3.856	3.849	3.843	3.829
85	0.813	0.813	0.813	0.813	0.813	0.820	0.820	0.820	0.820	0.820
90	0.336	0.336	0.336	0.336	0.336	0.322	0.322	0.322	0.322	0.322
95	0.813	0.813	0.813	0.813	0.813	0.820	0.820	0.820	0.820	0.820
100	3.863	3.869	3.869	3.869	3.863	3.863	3.856	3.849	3.843	3.829
105	7.846	7.853	7.860	7.860	7.853	7.846	7.846	7.840	7.833	7.826
110	12.663	12.663	12.670	12.663	12.656	12.649	12.636	12.629	12.602	12.582
115	19.125	19.112	19.105	19.085	19.058	19.038	19.011	18.984	18.930	18.877
120	28.799	28.758	28.725	28.678	28.617	28.557	28.503	28.443	28.355	28.268
125	43.631	43.584	43.537	43.470	43.369	43.275	43.174	43.080	42.946	42.818
130	63.811	63.757	63.710	63.630	63.516	63.401	63.287	63.173	62.985	62.797

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CANDELA TABULATION - (Cont.)

135	91.609	91.548	91.481	91.414	91.340	91.273	91.199	91.132	90.870	90.608
140	153.828	153.210	152.592	151.947	151.268	150.597	149.918	149.246	147.957	146.667
145	403.651	403.268	402.886	401.885	400.252	398.620	396.994	395.362	394.986	394.609
150	822.008	821.007	820.006	819.247	818.729	818.212	817.702	817.184	819.865	822.538
155	1096.512	1095.652	1094.792	1094.194	1093.865	1093.529	1093.200	1092.864	1093.079	1093.287
160	1389.738	1388.657	1387.568	1386.232	1384.653	1383.067	1381.489	1379.903	1378.654	1377.411
165	1991.581	1989.680	1987.779	1985.092	1981.625	1978.166	1974.699	1971.233	1968.600	1965.966
170	3180.723	3178.116	3175.516	3171.902	3167.274	3162.652	3158.024	3153.402	3149.425	3145.448
175	4730.247	4729.925	4729.596	4729.401	4729.327	4729.246	4729.172	4729.099	4728.319	4727.547
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4726.768	4725.988	4725.713	4725.941	4726.176	4726.405	4726.633	4726.405	4726.176	4725.941
10	3141.471	3137.494	3135.043	3134.122	3133.202	3132.275	3131.355	3132.275	3133.202	3134.122
15	1963.333	1960.700	1959.289	1959.108	1958.920	1958.738	1958.550	1958.738	1958.920	1959.108
20	1376.162	1374.919	1374.193	1373.992	1373.797	1373.596	1373.394	1373.596	1373.797	1373.992
25	1093.502	1093.711	1094.228	1095.054	1095.874	1096.700	1097.519	1096.700	1095.874	1095.054
30	825.219	827.899	829.706	830.640	831.580	832.514	833.455	832.514	831.580	830.640
35	394.233	393.857	393.568	393.373	393.179	392.977	392.782	392.977	393.179	393.373
40	145.384	144.094	143.194	142.683	142.166	141.656	141.145	141.656	142.166	142.683
45	90.346	90.084	89.896	89.782	89.667	89.553	89.439	89.553	89.667	89.782
50	62.602	62.414	62.280	62.199	62.112	62.031	61.950	62.031	62.112	62.199
55	42.684	42.556	42.462	42.415	42.368	42.321	42.274	42.321	42.368	42.415
60	28.181	28.093	28.040	28.006	27.972	27.939	27.905	27.939	27.972	28.006
65	18.823	18.769	18.736	18.729	18.722	18.709	18.702	18.709	18.722	18.729
70	12.555	12.535	12.522	12.515	12.515	12.508	12.508	12.508	12.515	12.515
75	7.819	7.813	7.813	7.819	7.826	7.826	7.833	7.826	7.826	7.819
80	3.822	3.816	3.809	3.809	3.802	3.802	3.802	3.802	3.802	3.809
85	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
90	0.309	0.309	0.309	0.309	0.296	0.296	0.296	0.296	0.296	0.309
95	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
100	3.822	3.816	3.809	3.809	3.802	3.802	3.802	3.802	3.802	3.809
105	7.819	7.813	7.813	7.819	7.826	7.826	7.833	7.826	7.826	7.819
110	12.555	12.535	12.522	12.515	12.515	12.508	12.508	12.508	12.515	12.515
115	18.823	18.769	18.736	18.729	18.722	18.709	18.702	18.709	18.722	18.729
120	28.181	28.093	28.040	28.006	27.972	27.939	27.905	27.939	27.972	28.006
125	42.684	42.556	42.462	42.415	42.368	42.321	42.274	42.321	42.368	42.415
130	62.602	62.414	62.280	62.199	62.112	62.031	61.950	62.031	62.112	62.199
135	90.346	90.084	89.896	89.782	89.667	89.553	89.439	89.553	89.667	89.782
140	145.384	144.094	143.194	142.683	142.166	141.656	141.145	141.656	142.166	142.683
145	394.233	393.857	393.568	393.373	393.179	392.977	392.782	392.977	393.179	393.373
150	825.219	827.899	829.706	830.640	831.580	832.514	833.455	832.514	831.580	830.640
155	1093.502	1093.711	1094.228	1095.054	1095.874	1096.700	1097.519	1096.700	1095.874	1095.054
160	1376.162	1374.919	1374.193	1373.992	1373.797	1373.596	1373.394	1373.596	1373.797	1373.992
165	1963.333	1960.700	1959.289	1959.108	1958.920	1958.738	1958.550	1958.738	1958.920	1959.108
170	3141.471	3137.494	3135.043	3134.122	3133.202	3132.275	3131.355	3132.275	3133.202	3134.122
175	4726.768	4725.988	4725.713	4725.948	4726.176	4726.405	4726.633	4726.405	4726.176	4725.948
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	4725.713	4725.988	4726.768	4727.540	4728.319	4729.099	4729.172	4729.246	4729.320	4729.394
10	3135.043	3137.494	3141.471	3145.448	3149.425	3153.402	3158.024	3162.652	3167.274	3171.902
15	1959.289	1960.700	1963.333	1965.966	1968.600	1971.233	1974.699	1978.166	1981.625	1985.092
20	1374.193	1374.919	1376.162	1377.411	1378.654	1379.903	1381.489	1383.067	1384.653	1386.232
25	1094.228	1093.711	1093.502	1093.287	1093.079	1092.864	1093.200	1093.529	1093.865	1094.194
30	829.706	827.899	825.219	822.538	819.865	817.184	817.702	818.212	818.729	819.247
35	393.568	393.857	394.233	394.609	394.986	395.362	396.994	398.620	400.252	401.885
40	143.194	144.094	145.384	146.667	147.957	149.246	149.918	150.597	151.268	151.947
45	89.896	90.084	90.346	90.608	90.870	91.132	91.199	91.273	91.340	91.414
50	62.280	62.414	62.602	62.797	62.985	63.173	63.287	63.401	63.516	63.630
55	42.462	42.556	42.684	42.818	42.946	43.080	43.174	43.275	43.369	43.470
60	28.040	28.093	28.181	28.268	28.355	28.443	28.503	28.557	28.617	28.678
65	18.736	18.769	18.823	18.877	18.930	18.984	19.011	19.038	19.058	19.085
70	12.522	12.535	12.555	12.582	12.602	12.629	12.636	12.649	12.656	12.663
75	7.813	7.813	7.819	7.826	7.833	7.840	7.846	7.846	7.853	7.860
80	3.809	3.816	3.822	3.829	3.843	3.849	3.856	3.863	3.863	3.869
85	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.813	0.813
90	0.309	0.309	0.309	0.322	0.322	0.322	0.322	0.322	0.336	0.336
95	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.813	0.813
100	3.809	3.816	3.822	3.829	3.843	3.849	3.856	3.863	3.863	3.869
105	7.813	7.813	7.819	7.826	7.833	7.840	7.846	7.846	7.853	7.860
110	12.522	12.535	12.555	12.582	12.602	12.629	12.636	12.649	12.656	12.663
115	18.736	18.769	18.823	18.877	18.930	18.984	19.011	19.038	19.058	19.085
120	28.040	28.093	28.181	28.268	28.355	28.443	28.503	28.557	28.617	28.678
125	42.462	42.556	42.684	42.818	42.946	43.080	43.174	43.275	43.369	43.470
130	62.280	62.414	62.602	62.797	62.985	63.173	63.287	63.401	63.516	63.630
135	89.896	90.084	90.346	90.608	90.870	91.132	91.199	91.273	91.340	91.414
140	143.194	144.094	145.384	146.667	147.957	149.246	149.918	150.597	151.268	151.947
145	393.568	393.857	394.233	394.609	394.986	395.362	396.994	398.620	400.252	401.885
150	829.706	827.899	825.219	822.538	819.865	817.184	817.702	818.212	818.729	819.247
155	1094.228	1093.711	1093.502	1093.287	1093.079	1092.864	1093.200	1093.529	1093.865	1094.194
160	1374.193	1374.919	1376.162	1377.411	1378.654	1379.903	1381.489	1383.067	1384.653	1386.232
165	1959.289	1960.700	1963.333	1965.966	1968.600	1971.233	1974.699	1978.166	1981.625	1985.092
170	3135.043	3137.494	3141.471	3145.448	3149.425	3153.402	3158.024	3162.652	3167.274	3171.902
175	4725.713	4725.988	4726.768	4727.547	4728.319	4729.099	4729.172	4729.246	4729.327	4729.401
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4729.596	4729.918	4730.247	4730.570	4730.892	4730.570	4730.247	4729.918	4729.596	4729.394
10	3175.516	3178.116	3180.723	3183.322	3185.929	3183.322	3180.723	3178.116	3175.516	3171.902
15	1987.779	1989.680	1991.581	1993.489	1995.390	1993.489	1991.581	1989.680	1987.779	1985.092
20	1387.568	1388.657	1389.738	1390.826	1391.915	1390.826	1389.738	1388.657	1387.568	1386.232
25	1094.792	1095.652	1096.512	1097.372	1098.232	1097.372	1096.512	1095.652	1094.792	1094.194
30	820.006	821.007	822.008	823.009	824.010	823.009	822.008	821.007	820.006	819.247
35	402.886	403.268	403.651	404.034	404.417	404.034	403.651	403.268	402.886	401.885
40	152.592	153.210	153.828	154.446	155.064	154.446	153.828	153.210	152.592	151.947
45	91.481	91.548	91.609	91.676	91.743	91.676	91.609	91.548	91.481	91.414
50	63.710	63.757	63.811	63.858	63.912	63.858	63.811	63.757	63.710	63.630
55	43.537	43.584	43.631	43.672	43.719	43.672	43.631	43.584	43.537	43.470
60	28.725	28.758	28.799	28.832	28.873	28.832	28.799	28.758	28.725	28.678
65	19.105	19.112	19.125	19.132	19.145	19.132	19.125	19.112	19.105	19.085
70	12.670	12.663	12.663	12.656	12.656	12.656	12.663	12.663	12.670	12.663
75	7.860	7.853	7.846	7.840	7.833	7.840	7.846	7.853	7.860	7.860

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	3.869	3.869	3.863	3.863	3.863	3.863	3.863	3.869	3.869	3.869
85	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813
90	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336
95	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813	0.813
100	3.869	3.869	3.863	3.863	3.863	3.863	3.863	3.869	3.869	3.869
105	7.860	7.853	7.846	7.840	7.833	7.840	7.846	7.853	7.860	7.860
110	12.670	12.663	12.663	12.656	12.656	12.656	12.663	12.663	12.670	12.663
115	19.105	19.112	19.125	19.132	19.145	19.132	19.125	19.112	19.105	19.085
120	28.725	28.758	28.799	28.832	28.873	28.832	28.799	28.758	28.725	28.678
125	43.537	43.584	43.631	43.672	43.719	43.672	43.631	43.584	43.537	43.470
130	63.710	63.757	63.811	63.858	63.912	63.858	63.811	63.757	63.710	63.630
135	91.481	91.548	91.609	91.676	91.743	91.676	91.609	91.548	91.481	91.414
140	152.592	153.210	153.828	154.446	155.064	154.446	153.828	153.210	152.592	151.947
145	402.886	403.268	403.651	404.034	404.417	404.034	403.651	403.268	402.886	401.885
150	820.006	821.007	822.008	823.009	824.010	823.009	822.008	821.007	820.006	819.247
155	1094.792	1095.652	1096.512	1097.372	1098.232	1097.372	1096.512	1095.652	1094.792	1094.194
160	1387.568	1388.657	1389.738	1390.826	1391.915	1390.826	1389.738	1388.657	1387.568	1386.232
165	1987.779	1989.680	1991.581	1993.489	1995.390	1993.489	1991.581	1989.680	1987.779	1985.092
170	3175.516	3178.116	3180.723	3183.322	3185.929	3183.322	3180.723	3178.116	3175.516	3171.902
175	4729.596	4729.925	4730.247	4730.570	4730.892	4730.570	4730.247	4729.925	4729.596	4729.401
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

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	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230	5489.230
5	4729.320	4729.246	4729.172	4729.099	4728.319	4727.540	4726.768	4725.988	4725.713	4725.941
10	3167.274	3162.652	3158.024	3153.402	3149.425	3145.448	3141.471	3137.494	3135.043	3134.122
15	1981.625	1978.166	1974.699	1971.233	1968.600	1965.966	1963.333	1960.700	1959.289	1959.108
20	1384.653	1383.067	1381.489	1379.903	1378.654	1377.411	1376.162	1374.919	1374.193	1373.992
25	1093.865	1093.529	1093.200	1092.864	1093.079	1093.287	1093.502	1093.711	1094.228	1095.054
30	818.729	818.212	817.702	817.184	819.865	822.538	825.219	827.899	829.706	830.640
35	400.252	398.620	396.994	395.362	394.986	394.609	394.233	393.857	393.568	393.373
40	151.268	150.597	149.918	149.246	147.957	146.667	145.384	144.094	143.194	142.683
45	91.340	91.273	91.199	91.132	90.870	90.608	90.346	90.084	89.896	89.782
50	63.516	63.401	63.287	63.173	62.985	62.797	62.602	62.414	62.280	62.199
55	43.369	43.275	43.174	43.080	42.946	42.818	42.684	42.556	42.462	42.415
60	28.617	28.557	28.503	28.443	28.355	28.268	28.181	28.093	28.040	28.006
65	19.058	19.038	19.011	18.984	18.930	18.877	18.823	18.769	18.736	18.729
70	12.656	12.649	12.636	12.629	12.602	12.582	12.555	12.535	12.522	12.515
75	7.853	7.846	7.846	7.840	7.833	7.826	7.819	7.813	7.813	7.819
80	3.863	3.863	3.856	3.849	3.843	3.829	3.822	3.816	3.809	3.809
85	0.813	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
90	0.336	0.322	0.322	0.322	0.322	0.322	0.309	0.309	0.309	0.309
95	0.813	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
100	3.863	3.863	3.856	3.849	3.843	3.829	3.822	3.816	3.809	3.809
105	7.853	7.846	7.846	7.840	7.833	7.826	7.819	7.813	7.813	7.819
110	12.656	12.649	12.636	12.629	12.602	12.582	12.555	12.535	12.522	12.515
115	19.058	19.038	19.011	18.984	18.930	18.877	18.823	18.769	18.736	18.729
120	28.617	28.557	28.503	28.443	28.355	28.268	28.181	28.093	28.040	28.006
125	43.369	43.275	43.174	43.080	42.946	42.818	42.684	42.556	42.462	42.415
130	63.516	63.401	63.287	63.173	62.985	62.797	62.602	62.414	62.280	62.199
135	91.340	91.273	91.199	91.132	90.870	90.608	90.346	90.084	89.896	89.782
140	151.268	150.597	149.918	149.246	147.957	146.667	145.384	144.094	143.194	142.683
145	400.252	398.620	396.994	395.362	394.986	394.609	394.233	393.857	393.568	393.373
150	818.729	818.212	817.702	817.184	819.865	822.538	825.219	827.899	829.706	830.640

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1093.865	1093.529	1093.200	1092.864	1093.079	1093.287	1093.502	1093.711	1094.228	1095.054
160	1384.653	1383.067	1381.489	1379.903	1378.654	1377.411	1376.162	1374.919	1374.193	1373.992
165	1981.625	1978.166	1974.699	1971.233	1968.600	1965.966	1963.333	1960.700	1959.289	1959.108
170	3167.274	3162.652	3158.024	3153.402	3149.425	3145.448	3141.471	3137.494	3135.043	3134.122
175	4729.327	4729.246	4729.172	4729.099	4728.319	4727.547	4726.768	4725.988	4725.713	4725.948
180	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008	5489.008

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5489.230	5489.230	5489.230
5	4726.176	4726.405	4726.633
10	3133.202	3132.275	3131.355
15	1958.920	1958.738	1958.550
20	1373.797	1373.596	1373.394
25	1095.874	1096.700	1097.519
30	831.580	832.514	833.455
35	393.179	392.977	392.782
40	142.166	141.656	141.145
45	89.667	89.553	89.439
50	62.112	62.031	61.950
55	42.368	42.321	42.274
60	27.972	27.939	27.905
65	18.722	18.709	18.702
70	12.515	12.508	12.508
75	7.826	7.826	7.833
80	3.802	3.802	3.802
85	0.820	0.820	0.820
90	0.296	0.296	0.296
95	0.820	0.820	0.820
100	3.802	3.802	3.802
105	7.826	7.826	7.833
110	12.515	12.508	12.508
115	18.722	18.709	18.702
120	27.972	27.939	27.905
125	42.368	42.321	42.274
130	62.112	62.031	61.950
135	89.667	89.553	89.439
140	142.166	141.656	141.145
145	393.179	392.977	392.782
150	831.580	832.514	833.455
155	1095.874	1096.700	1097.519
160	1373.797	1373.596	1373.394
165	1958.920	1958.738	1958.550
170	3133.202	3132.275	3131.355
175	4726.176	4726.405	4726.633
180	5489.008	5489.008	5489.008

COEFFICIENTS OF UTILIZATION



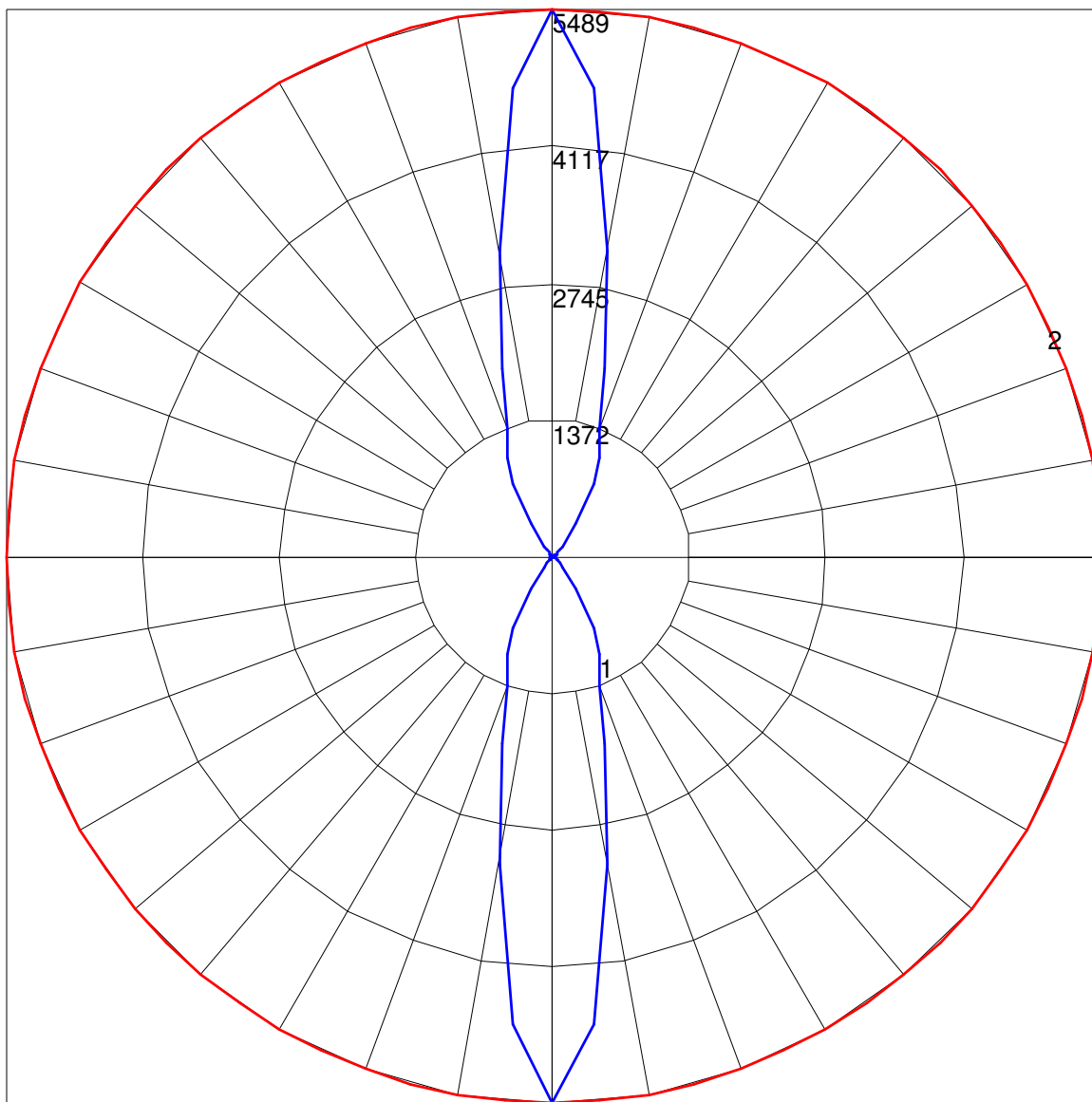
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	951.3	25.0
Downward House Side	951.3	25.0
Downward Total	1902.6	50.0
Upward Street Side	951.3	25.0
Upward House Side	951.3	25.0
Upward Total	1902.6	50.0
Total Flux	3805.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 5489.23 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

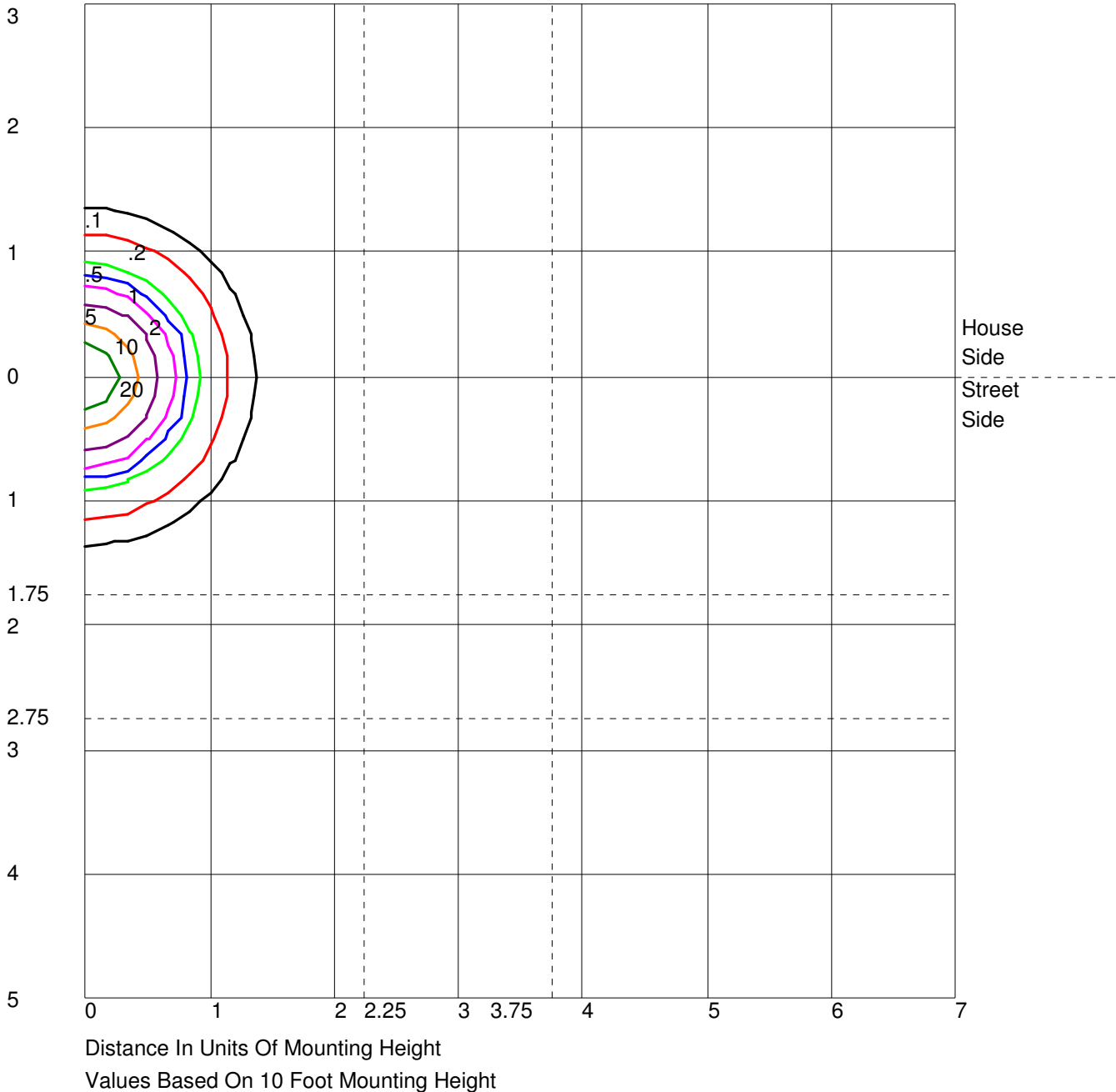


PHOTO LUMENS

