

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-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-L30-935U-L30-935D-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	5854
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27059.905
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	27059.905
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.385 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.615 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1298.5	N.A.	22.2
FM - Front-Medium (30-60)	150.7	N.A.	2.6
FH - Front-High (60-80)	13.3	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1298.5	N.A.	22.2
BM - Back-Medium (30-60)	150.7	N.A.	2.6
BH - Back-High (60-80)	13.3	N.A.	0.2
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.9	N.A.	0.0
UH - Uplight-High (100-180)	2925.0	N.A.	50.0
Total	5853.7	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905
5	18317.701	18324.829	18331.957	18339.077	18346.205	18357.388	18372.634	18387.871	18403.117	18418.354
10	5489.454	5500.436	5511.417	5522.398	5533.380	5567.024	5623.341	5679.657	5735.965	5792.282
15	1808.206	1810.658	1813.101	1815.553	1817.996	1829.284	1849.416	1869.540	1889.672	1909.796
20	1181.570	1181.000	1180.431	1179.862	1179.293	1180.974	1184.924	1188.864	1192.814	1196.754
25	1055.206	1054.435	1053.656	1052.885	1052.106	1051.808	1051.983	1052.167	1052.342	1052.517
30	839.012	837.856	836.700	835.535	834.379	832.453	829.764	827.076	824.388	821.699
35	338.626	339.397	340.167	340.929	341.700	342.032	341.919	341.805	341.691	341.577
40	61.220	61.877	62.534	63.191	63.848	64.653	65.625	66.597	67.569	68.541
45	35.142	35.160	35.177	35.203	35.221	35.238	35.247	35.265	35.273	35.291
50	32.541	32.489	32.436	32.392	32.340	32.270	32.182	32.095	32.007	31.919
55	31.429	31.315	31.201	31.087	30.974	30.825	30.658	30.483	30.317	30.142
60	25.474	25.422	25.369	25.308	25.255	25.150	24.993	24.826	24.669	24.511
65	17.812	17.768	17.724	17.680	17.637	17.610	17.602	17.593	17.584	17.575
70	12.242	12.242	12.234	12.234	12.225	12.225	12.234	12.234	12.242	12.242
75	8.389	8.380	8.363	8.354	8.345	8.337	8.337	8.328	8.328	8.328
80	4.580	4.580	4.580	4.571	4.571	4.571	4.571	4.580	4.580	4.580
85	0.963	0.963	0.963	0.946	0.946	0.946	0.946	0.937	0.937	0.937
90	0.350	0.350	0.350	0.368	0.368	0.368	0.368	0.385	0.385	0.385
95	0.963	0.963	0.963	0.946	0.946	0.946	0.946	0.937	0.937	0.937
100	4.580	4.580	4.580	4.571	4.571	4.571	4.571	4.580	4.580	4.580
105	8.389	8.380	8.363	8.354	8.345	8.337	8.337	8.328	8.328	8.328
110	12.242	12.242	12.234	12.234	12.225	12.225	12.234	12.234	12.242	12.242
115	17.812	17.768	17.724	17.680	17.637	17.610	17.602	17.593	17.584	17.575
120	25.474	25.422	25.369	25.308	25.255	25.150	24.993	24.826	24.669	24.511
125	31.429	31.315	31.201	31.087	30.974	30.825	30.658	30.483	30.317	30.142
130	32.541	32.489	32.436	32.392	32.340	32.270	32.182	32.095	32.007	31.919
135	35.142	35.160	35.177	35.203	35.221	35.238	35.247	35.265	35.273	35.291
140	61.220	61.877	62.534	63.191	63.848	64.653	65.625	66.597	67.569	68.541
145	338.626	339.397	340.167	340.929	341.700	342.032	341.919	341.805	341.691	341.577
150	839.012	837.856	836.700	835.535	834.379	832.453	829.764	827.076	824.388	821.699
155	1055.206	1054.435	1053.656	1052.885	1052.106	1051.808	1051.983	1052.167	1052.342	1052.517
160	1181.570	1181.000	1180.431	1179.862	1179.293	1180.974	1184.924	1188.864	1192.814	1196.754
165	1808.206	1810.658	1813.101	1815.553	1817.996	1829.284	1849.416	1869.540	1889.672	1909.796
170	5489.454	5500.436	5511.417	5522.398	5533.380	5567.024	5623.341	5679.657	5735.965	5792.282
175	18317.718	18324.847	18331.975	18339.094	18346.223	18357.405	18372.651	18387.889	18403.135	18418.372
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905
5	18464.451	18510.557	18556.654	18602.760	18627.271	18630.187	18633.103	18636.019	18638.935	18636.019
10	5836.706	5881.130	5925.555	5969.979	6003.265	6025.394	6047.523	6069.652	6091.781	6069.652
15	1918.150	1926.505	1934.859	1943.213	1955.149	1970.658	1986.166	2001.684	2017.192	2001.684
20	1200.581	1204.417	1208.244	1212.070	1215.346	1218.060	1220.766	1223.481	1226.196	1223.481
25	1053.349	1054.181	1055.013	1055.845	1057.334	1059.470	1061.607	1063.744	1065.880	1063.744
30	822.452	823.197	823.950	824.694	825.938	827.680	829.423	831.166	832.908	831.166
35	344.300	347.015	349.739	352.462	353.933	354.170	354.406	354.634	354.870	354.634
40	69.864	71.186	72.508	73.831	74.452	74.374	74.303	74.225	74.155	74.225
45	35.273	35.265	35.247	35.238	35.247	35.282	35.326	35.361	35.396	35.361
50	31.876	31.832	31.788	31.744	31.718	31.692	31.665	31.648	31.622	31.648
55	30.054	29.958	29.870	29.774	29.721	29.695	29.678	29.651	29.634	29.651

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CANDELA TABULATION - (Cont.)

60	24.467	24.423	24.380	24.336	24.353	24.432	24.511	24.590	24.669	24.590
65	17.558	17.540	17.523	17.505	17.514	17.540	17.567	17.602	17.628	17.602
70	12.234	12.225	12.216	12.207	12.207	12.216	12.225	12.234	12.242	12.234
75	8.310	8.302	8.284	8.275	8.267	8.275	8.284	8.284	8.293	8.284
80	4.580	4.589	4.580	4.589	4.589	4.597	4.606	4.606	4.615	4.606
85	0.937	0.937	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
90	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385
95	0.937	0.937	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
100	4.580	4.589	4.580	4.589	4.589	4.597	4.606	4.606	4.615	4.606
105	8.310	8.302	8.284	8.275	8.267	8.275	8.284	8.284	8.293	8.284
110	12.234	12.225	12.216	12.207	12.207	12.216	12.225	12.234	12.242	12.234
115	17.558	17.540	17.523	17.505	17.514	17.540	17.567	17.602	17.628	17.602
120	24.467	24.423	24.380	24.336	24.353	24.432	24.511	24.590	24.669	24.590
125	30.054	29.958	29.870	29.774	29.721	29.695	29.678	29.651	29.634	29.651
130	31.876	31.832	31.788	31.744	31.718	31.692	31.665	31.648	31.622	31.648
135	35.273	35.265	35.247	35.238	35.247	35.282	35.326	35.361	35.396	35.361
140	69.864	71.186	72.508	73.831	74.452	74.374	74.303	74.225	74.155	74.225
145	344.300	347.015	349.739	352.462	353.933	354.170	354.406	354.634	354.870	354.634
150	822.452	823.197	823.950	824.694	825.938	827.680	829.423	831.166	832.908	831.166
155	1053.349	1054.181	1055.013	1055.845	1057.334	1059.470	1061.607	1063.744	1065.880	1063.744
160	1200.581	1204.417	1208.244	1212.070	1215.346	1218.060	1220.766	1223.481	1226.196	1223.481
165	1918.150	1926.505	1934.859	1943.213	1955.149	1970.658	1986.166	2001.684	2017.192	2001.684
170	5836.706	5881.130	5925.555	5969.979	6003.265	6025.394	6047.523	6069.652	6091.781	6069.652
175	18464.469	18510.575	18556.672	18602.777	18627.280	18630.205	18633.121	18636.037	18638.953	18636.037
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905
5	18633.103	18630.187	18627.271	18602.760	18556.654	18510.557	18464.451	18418.354	18403.117	18387.871
10	6047.523	6025.394	6003.265	5969.979	5925.555	5881.130	5836.706	5792.282	5735.965	5679.657
15	1986.166	1970.658	1955.149	1943.213	1934.859	1926.505	1918.150	1909.796	1889.672	1869.540
20	1220.766	1218.060	1215.346	1212.070	1208.244	1204.417	1200.581	1196.754	1192.814	1188.864
25	1061.607	1059.470	1057.334	1055.845	1055.013	1054.181	1053.349	1052.517	1052.342	1052.167
30	829.423	827.680	825.938	824.694	823.950	823.197	822.452	821.699	824.388	827.076
35	354.406	354.170	353.933	352.462	349.739	347.015	344.300	341.577	341.691	341.805
40	74.303	74.374	74.452	73.831	72.508	71.186	69.864	68.541	67.569	66.597
45	35.326	35.282	35.247	35.238	35.247	35.265	35.273	35.291	35.273	35.265
50	31.665	31.692	31.718	31.744	31.788	31.832	31.876	31.919	32.007	32.095
55	29.678	29.695	29.721	29.774	29.870	29.958	30.054	30.142	30.317	30.483
60	24.511	24.432	24.353	24.336	24.380	24.423	24.467	24.511	24.669	24.826
65	17.567	17.540	17.514	17.505	17.523	17.540	17.558	17.575	17.584	17.593
70	12.225	12.216	12.207	12.207	12.216	12.225	12.234	12.242	12.242	12.234
75	8.284	8.275	8.267	8.275	8.284	8.302	8.310	8.328	8.328	8.328
80	4.606	4.597	4.589	4.589	4.580	4.589	4.580	4.580	4.580	4.580
85	0.928	0.928	0.928	0.928	0.928	0.937	0.937	0.937	0.937	0.937
90	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385
95	0.928	0.928	0.928	0.928	0.928	0.937	0.937	0.937	0.937	0.937
100	4.606	4.597	4.589	4.589	4.580	4.589	4.580	4.580	4.580	4.580
105	8.284	8.275	8.267	8.275	8.284	8.302	8.310	8.328	8.328	8.328
110	12.225	12.216	12.207	12.207	12.216	12.225	12.234	12.242	12.242	12.234
115	17.567	17.540	17.514	17.505	17.523	17.540	17.558	17.575	17.584	17.593
120	24.511	24.432	24.353	24.336	24.380	24.423	24.467	24.511	24.669	24.826
125	29.678	29.695	29.721	29.774	29.870	29.958	30.054	30.142	30.317	30.483
130	31.665	31.692	31.718	31.744	31.788	31.832	31.876	31.919	32.007	32.095

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CANDELA TABULATION - (Cont.)

135	35.326	35.282	35.247	35.238	35.247	35.265	35.273	35.291	35.273	35.265
140	74.303	74.374	74.452	73.831	72.508	71.186	69.864	68.541	67.569	66.597
145	354.406	354.170	353.933	352.462	349.739	347.015	344.300	341.577	341.691	341.805
150	829.423	827.680	825.938	824.694	823.950	823.197	822.452	821.699	824.388	827.076
155	1061.607	1059.470	1057.334	1055.845	1055.013	1054.181	1053.349	1052.517	1052.342	1052.167
160	1220.766	1218.060	1215.346	1212.070	1208.244	1204.417	1200.581	1196.754	1192.814	1188.864
165	1986.166	1970.658	1955.149	1943.213	1934.859	1926.505	1918.150	1909.796	1889.672	1869.540
170	6047.523	6025.394	6003.265	5969.979	5925.555	5881.130	5836.706	5792.282	5735.965	5679.657
175	18633.121	18630.196	18627.280	18602.777	18556.672	18510.575	18464.469	18418.372	18403.126	18387.889
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

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	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905
5	18372.634	18357.388	18346.205	18339.077	18331.957	18324.829	18317.701	18324.829	18331.957	18339.077
10	5623.341	5567.024	5533.380	5522.398	5511.417	5500.436	5489.454	5500.436	5511.417	5522.398
15	1849.416	1829.284	1817.996	1815.553	1813.101	1810.658	1808.206	1810.658	1813.101	1815.553
20	1184.924	1180.974	1179.293	1179.862	1180.431	1181.000	1181.570	1181.000	1180.431	1179.862
25	1051.983	1051.808	1052.106	1052.885	1053.656	1054.435	1055.206	1054.435	1053.656	1052.885
30	829.764	832.453	834.379	835.535	836.700	837.856	839.012	837.856	836.700	835.535
35	341.919	342.032	341.700	340.929	340.167	339.397	338.626	339.397	340.167	340.929
40	65.625	64.653	63.848	63.191	62.534	61.877	61.220	61.877	62.534	63.191
45	35.247	35.238	35.221	35.203	35.177	35.160	35.142	35.160	35.177	35.203
50	32.182	32.270	32.340	32.392	32.436	32.489	32.541	32.489	32.436	32.392
55	30.658	30.825	30.974	31.087	31.201	31.315	31.429	31.315	31.201	31.087
60	24.993	25.150	25.255	25.308	25.369	25.422	25.474	25.422	25.369	25.308
65	17.602	17.610	17.637	17.680	17.724	17.768	17.812	17.768	17.724	17.680
70	12.234	12.225	12.225	12.234	12.234	12.242	12.242	12.242	12.234	12.234
75	8.337	8.337	8.345	8.354	8.363	8.380	8.389	8.380	8.363	8.354
80	4.571	4.571	4.571	4.571	4.580	4.580	4.580	4.580	4.580	4.571
85	0.946	0.946	0.946	0.946	0.963	0.963	0.963	0.963	0.963	0.946
90	0.368	0.368	0.368	0.368	0.350	0.350	0.350	0.350	0.350	0.368
95	0.946	0.946	0.946	0.946	0.963	0.963	0.963	0.963	0.963	0.946
100	4.571	4.571	4.571	4.571	4.580	4.580	4.580	4.580	4.580	4.571
105	8.337	8.337	8.345	8.354	8.363	8.380	8.389	8.380	8.363	8.354
110	12.234	12.225	12.225	12.234	12.234	12.242	12.242	12.242	12.234	12.234
115	17.602	17.610	17.637	17.680	17.724	17.768	17.812	17.768	17.724	17.680
120	24.993	25.150	25.255	25.308	25.369	25.422	25.474	25.422	25.369	25.308
125	30.658	30.825	30.974	31.087	31.201	31.315	31.429	31.315	31.201	31.087
130	32.182	32.270	32.340	32.392	32.436	32.489	32.541	32.489	32.436	32.392
135	35.247	35.238	35.221	35.203	35.177	35.160	35.142	35.160	35.177	35.203
140	65.625	64.653	63.848	63.191	62.534	61.877	61.220	61.877	62.534	63.191
145	341.919	342.032	341.700	340.929	340.167	339.397	338.626	339.397	340.167	340.929
150	829.764	832.453	834.379	835.535	836.700	837.856	839.012	837.856	836.700	835.535
155	1051.983	1051.808	1052.106	1052.885	1053.656	1054.435	1055.206	1054.435	1053.656	1052.885
160	1184.924	1180.974	1179.293	1179.862	1180.431	1181.000	1181.570	1181.000	1180.431	1179.862
165	1849.416	1829.284	1817.996	1815.553	1813.101	1810.658	1808.206	1810.658	1813.101	1815.553
170	5623.341	5567.024	5533.380	5522.398	5511.417	5500.436	5489.454	5500.436	5511.417	5522.398
175	18372.651	18357.405	18346.223	18339.094	18331.966	18324.847	18317.718	18324.847	18331.966	18339.094
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

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	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	18346.20518357.38818372.63418387.87118403.11718418.35418464.45118510.55718556.65418602.760
10	5533.380 5567.024 5623.341 5679.657 5735.965 5792.282 5836.706 5881.130 5925.555 5969.979
15	1817.996 1829.284 1849.416 1869.540 1889.672 1909.796 1918.150 1926.505 1934.859 1943.213
20	1179.293 1180.974 1184.924 1188.864 1192.814 1196.754 1200.581 1204.417 1208.244 1212.070
25	1052.106 1051.808 1051.983 1052.167 1052.342 1052.517 1053.349 1054.181 1055.013 1055.845
30	834.379 832.453 829.764 827.076 824.388 821.699 822.452 823.197 823.950 824.694
35	341.700 342.032 341.919 341.805 341.691 341.577 344.300 347.015 349.739 352.462
40	63.848 64.653 65.625 66.597 67.569 68.541 69.864 71.186 72.508 73.831
45	35.221 35.238 35.247 35.265 35.273 35.291 35.273 35.265 35.247 35.238
50	32.340 32.270 32.182 32.095 32.007 31.919 31.876 31.832 31.788 31.744
55	30.974 30.825 30.658 30.483 30.317 30.142 30.054 29.958 29.870 29.774
60	25.255 25.150 24.993 24.826 24.669 24.511 24.467 24.423 24.380 24.336
65	17.637 17.610 17.602 17.593 17.584 17.575 17.558 17.540 17.523 17.505
70	12.225 12.225 12.234 12.234 12.242 12.242 12.234 12.225 12.216 12.207
75	8.345 8.337 8.337 8.328 8.328 8.328 8.310 8.302 8.284 8.275
80	4.571 4.571 4.571 4.580 4.580 4.580 4.580 4.589 4.580 4.589
85	0.946 0.946 0.946 0.937 0.937 0.937 0.937 0.937 0.928 0.928
90	0.368 0.368 0.368 0.385 0.385 0.385 0.385 0.385 0.385 0.385
95	0.946 0.946 0.946 0.937 0.937 0.937 0.937 0.937 0.928 0.928
100	4.571 4.571 4.571 4.580 4.580 4.580 4.580 4.589 4.580 4.589
105	8.345 8.337 8.337 8.328 8.328 8.328 8.310 8.302 8.284 8.275
110	12.225 12.225 12.234 12.234 12.242 12.242 12.234 12.225 12.216 12.207
115	17.637 17.610 17.602 17.593 17.584 17.575 17.558 17.540 17.523 17.505
120	25.255 25.150 24.993 24.826 24.669 24.511 24.467 24.423 24.380 24.336
125	30.974 30.825 30.658 30.483 30.317 30.142 30.054 29.958 29.870 29.774
130	32.340 32.270 32.182 32.095 32.007 31.919 31.876 31.832 31.788 31.744
135	35.221 35.238 35.247 35.265 35.273 35.291 35.273 35.265 35.247 35.238
140	63.848 64.653 65.625 66.597 67.569 68.541 69.864 71.186 72.508 73.831
145	341.700 342.032 341.919 341.805 341.691 341.577 344.300 347.015 349.739 352.462
150	834.379 832.453 829.764 827.076 824.388 821.699 822.452 823.197 823.950 824.694
155	1052.106 1051.808 1051.983 1052.167 1052.342 1052.517 1053.349 1054.181 1055.013 1055.845
160	1179.293 1180.974 1184.924 1188.864 1192.814 1196.754 1200.581 1204.417 1208.244 1212.070
165	1817.996 1829.284 1849.416 1869.540 1889.672 1909.796 1918.150 1926.505 1934.859 1943.213
170	5533.380 5567.024 5623.341 5679.657 5735.965 5792.282 5836.706 5881.130 5925.555 5969.979
175	18346.22318357.40518372.65118387.88918403.12618418.37218464.46918510.57518556.67218602.777
180	27059.24827059.24827059.24827059.24827059.24827059.24827059.24827059.24827059.248

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	27059.90527059.90527059.90527059.90527059.90527059.90527059.90527059.90527059.905									
5	18627.27118630.18718633.10318636.01918638.93518636.01918633.10318630.18718627.27118602.760									
10	6003.265 6025.394 6047.523 6069.652 6091.781 6069.652 6047.523 6025.394 6003.265 5969.979									
15	1955.149 1970.658 1986.166 2001.684 2017.192 2001.684 1986.166 1970.658 1955.149 1943.213									
20	1215.346 1218.060 1220.766 1223.481 1226.196 1223.481 1220.766 1218.060 1215.346 1212.070									
25	1057.334 1059.470 1061.607 1063.744 1065.880 1063.744 1061.607 1059.470 1057.334 1055.845									
30	825.938 827.680 829.423 831.166 832.908 831.166 829.423 827.680 825.938 824.694									
35	353.933 354.170 354.406 354.634 354.870 354.634 354.406 354.170 353.933 352.462									
40	74.452 74.374 74.303 74.225 74.155 74.225 74.303 74.374 74.452 73.831									
45	35.247 35.282 35.326 35.361 35.396 35.361 35.326 35.282 35.247 35.238									
50	31.718 31.692 31.665 31.648 31.622 31.648 31.665 31.692 31.718 31.744									
55	29.721 29.695 29.678 29.651 29.634 29.651 29.678 29.695 29.721 29.774									
60	24.353 24.432 24.511 24.590 24.669 24.590 24.511 24.432 24.353 24.336									
65	17.514 17.540 17.567 17.602 17.628 17.602 17.567 17.540 17.514 17.505									
70	12.207 12.216 12.225 12.234 12.242 12.234 12.225 12.216 12.207 12.207									
75	8.267 8.275 8.284 8.284 8.293 8.284 8.284 8.275 8.267 8.275									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	4.589	4.597	4.606	4.606	4.615	4.606	4.606	4.597	4.589	4.589
85	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
90	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385	0.385
95	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
100	4.589	4.597	4.606	4.606	4.615	4.606	4.606	4.597	4.589	4.589
105	8.267	8.275	8.284	8.284	8.293	8.284	8.284	8.275	8.267	8.275
110	12.207	12.216	12.225	12.234	12.242	12.234	12.225	12.216	12.207	12.207
115	17.514	17.540	17.567	17.602	17.628	17.602	17.567	17.540	17.514	17.505
120	24.353	24.432	24.511	24.590	24.669	24.590	24.511	24.432	24.353	24.336
125	29.721	29.695	29.678	29.651	29.634	29.651	29.678	29.695	29.721	29.774
130	31.718	31.692	31.665	31.648	31.622	31.648	31.665	31.692	31.718	31.744
135	35.247	35.282	35.326	35.361	35.396	35.361	35.326	35.282	35.247	35.238
140	74.452	74.374	74.303	74.225	74.155	74.225	74.303	74.374	74.452	73.831
145	353.933	354.170	354.406	354.634	354.870	354.634	354.406	354.170	353.933	352.462
150	825.938	827.680	829.423	831.166	832.908	831.166	829.423	827.680	825.938	824.694
155	1057.334	1059.470	1061.607	1063.744	1065.880	1063.744	1061.607	1059.470	1057.334	1055.845
160	1215.346	1218.060	1220.766	1223.481	1226.196	1223.481	1220.766	1218.060	1215.346	1212.070
165	1955.149	1970.658	1986.166	2001.684	2017.192	2001.684	1986.166	1970.658	1955.149	1943.213
170	6003.265	6025.394	6047.523	6069.652	6091.781	6069.652	6047.523	6025.394	6003.265	5969.979
175	18627.280	18630.196	18633.121	18636.037	18638.953	18636.037	18633.121	18630.205	18627.280	18602.777
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

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	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905	27059.905
5	18556.654	18510.557	18464.451	18418.354	18403.117	18387.871	18372.634	18357.388	18346.205	18339.077
10	5925.555	5881.130	5836.706	5792.282	5735.965	5679.657	5623.341	5567.024	5533.380	5522.398
15	1934.859	1926.505	1918.150	1909.796	1889.672	1869.540	1849.416	1829.284	1817.996	1815.553
20	1208.244	1204.417	1200.581	1196.754	1192.814	1188.864	1184.924	1180.974	1179.293	1179.862
25	1055.013	1054.181	1053.349	1052.517	1052.342	1052.167	1051.983	1051.808	1052.106	1052.885
30	823.950	823.197	822.452	821.699	824.388	827.076	829.764	832.453	834.379	835.535
35	349.739	347.015	344.300	341.577	341.691	341.805	341.919	342.032	341.700	340.929
40	72.508	71.186	69.864	68.541	67.569	66.597	65.625	64.653	63.848	63.191
45	35.247	35.265	35.273	35.291	35.273	35.265	35.247	35.238	35.221	35.203
50	31.788	31.832	31.876	31.919	32.007	32.095	32.182	32.270	32.340	32.392
55	29.870	29.958	30.054	30.142	30.317	30.483	30.658	30.825	30.974	31.087
60	24.380	24.423	24.467	24.511	24.669	24.826	24.993	25.150	25.255	25.308
65	17.523	17.540	17.558	17.575	17.584	17.593	17.602	17.610	17.637	17.680
70	12.216	12.225	12.234	12.242	12.242	12.234	12.234	12.225	12.225	12.234
75	8.284	8.302	8.310	8.328	8.328	8.328	8.337	8.337	8.345	8.354
80	4.580	4.589	4.580	4.580	4.580	4.580	4.571	4.571	4.571	4.571
85	0.928	0.937	0.937	0.937	0.937	0.937	0.946	0.946	0.946	0.946
90	0.385	0.385	0.385	0.385	0.385	0.385	0.368	0.368	0.368	0.368
95	0.928	0.937	0.937	0.937	0.937	0.937	0.946	0.946	0.946	0.946
100	4.580	4.589	4.580	4.580	4.580	4.580	4.571	4.571	4.571	4.571
105	8.284	8.302	8.310	8.328	8.328	8.328	8.337	8.337	8.345	8.354
110	12.216	12.225	12.234	12.242	12.242	12.234	12.234	12.225	12.225	12.234
115	17.523	17.540	17.558	17.575	17.584	17.593	17.602	17.610	17.637	17.680
120	24.380	24.423	24.467	24.511	24.669	24.826	24.993	25.150	25.255	25.308
125	29.870	29.958	30.054	30.142	30.317	30.483	30.658	30.825	30.974	31.087
130	31.788	31.832	31.876	31.919	32.007	32.095	32.182	32.270	32.340	32.392
135	35.247	35.265	35.273	35.291	35.273	35.265	35.247	35.238	35.221	35.203
140	72.508	71.186	69.864	68.541	67.569	66.597	65.625	64.653	63.848	63.191
145	349.739	347.015	344.300	341.577	341.691	341.805	341.919	342.032	341.700	340.929
150	823.950	823.197	822.452	821.699	824.388	827.076	829.764	832.453	834.379	835.535

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1055.013	1054.181	1053.349	1052.517	1052.342	1052.167	1051.983	1051.808	1052.106	1052.885
160	1208.244	1204.417	1200.581	1196.754	1192.814	1188.864	1184.924	1180.974	1179.293	1179.862
165	1934.859	1926.505	1918.150	1909.796	1889.672	1869.540	1849.416	1829.284	1817.996	1815.553
170	5925.555	5881.130	5836.706	5792.282	5735.965	5679.657	5623.341	5567.024	5533.380	5522.398
175	18556.672	18510.575	18464.469	18418.372	18403.135	18387.889	18372.651	18357.405	18346.223	18339.094
180	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248	27059.248

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	27059.905	27059.905	27059.905
5	18331.957	18324.829	18317.701
10	5511.417	5500.436	5489.454
15	1813.101	1810.658	1808.206
20	1180.431	1181.000	1181.570
25	1053.656	1054.435	1055.206
30	836.700	837.856	839.012
35	340.167	339.397	338.626
40	62.534	61.877	61.220
45	35.177	35.160	35.142
50	32.436	32.489	32.541
55	31.201	31.315	31.429
60	25.369	25.422	25.474
65	17.724	17.768	17.812
70	12.234	12.242	12.242
75	8.363	8.380	8.389
80	4.580	4.580	4.580
85	0.963	0.963	0.963
90	0.350	0.350	0.350
95	0.963	0.963	0.963
100	4.580	4.580	4.580
105	8.363	8.380	8.389
110	12.234	12.242	12.242
115	17.724	17.768	17.812
120	25.369	25.422	25.474
125	31.201	31.315	31.429
130	32.436	32.489	32.541
135	35.177	35.160	35.142
140	62.534	61.877	61.220
145	340.167	339.397	338.626
150	836.700	837.856	839.012
155	1053.656	1054.435	1055.206
160	1180.431	1181.000	1181.570
165	1813.101	1810.658	1808.206
170	5511.417	5500.436	5489.454
175	18331.975	18324.847	18317.718
180	27059.248	27059.248	27059.248

COEFFICIENTS OF UTILIZATION



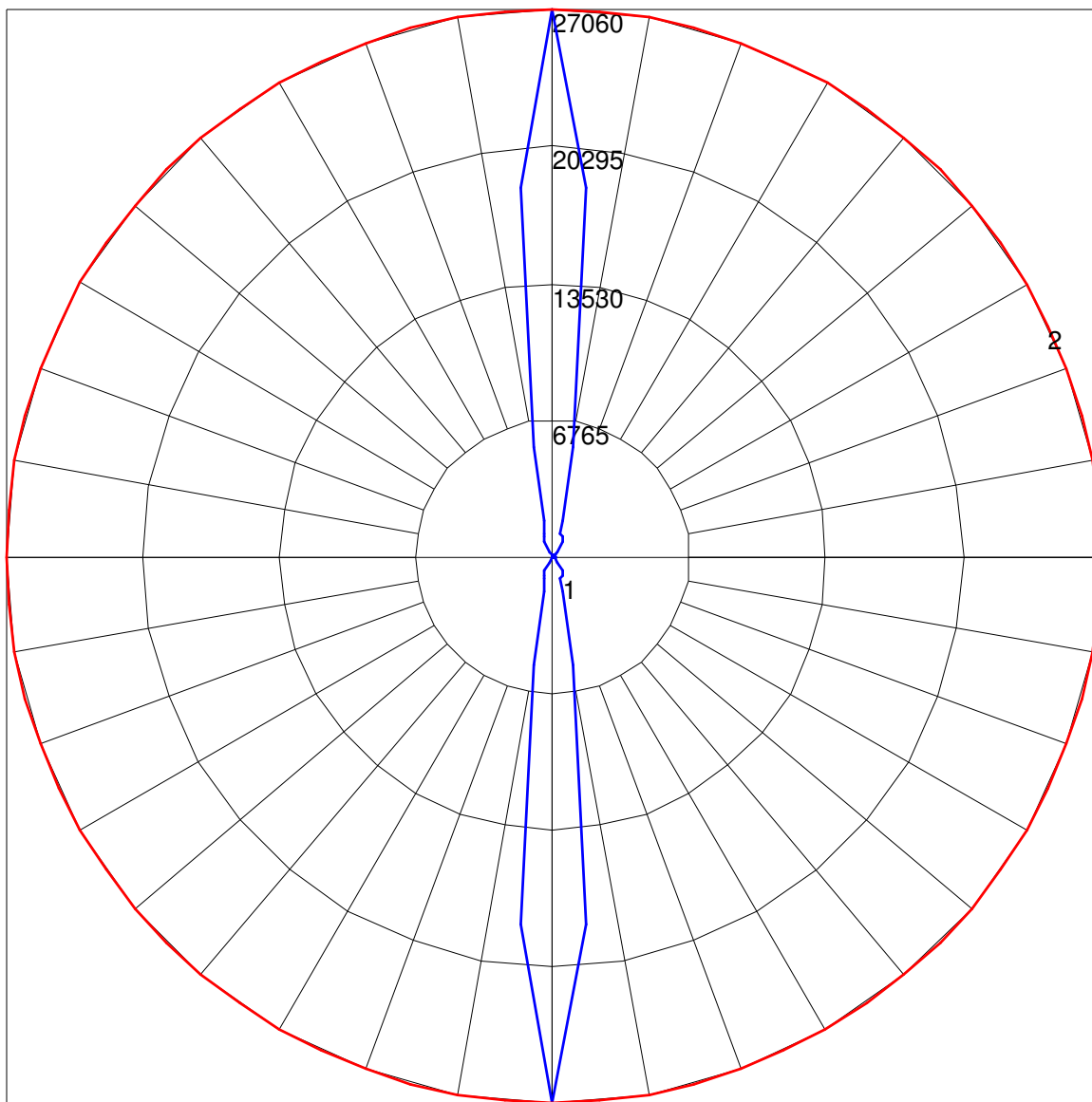
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1463.5	25.0
Downward House Side	1463.5	25.0
Downward Total	2927.0	50.0
Upward Street Side	1463.4	25.0
Upward House Side	1463.4	25.0
Upward Total	2926.8	50.0
Total Flux	5853.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 27059.905 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.)

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-S-XX_.IES

House Side

Street Side

Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

