

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-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-L10-935U-L10-935D-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	1839
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2653.136
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2653.136
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.162 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.87 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	359.4	N.A.	19.5
FM - Front-Medium (30-60)	93.2	N.A.	5.1
FH - Front-High (60-80)	6.8	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	359.4	N.A.	19.5
BM - Back-Medium (30-60)	93.2	N.A.	5.1
BH - Back-High (60-80)	6.8	N.A.	0.4
BVH - Back-Very High (80-90)	0.4	N.A.	0.0
UL - Uplight-Low (90-100)	0.8	N.A.	0.0
UH - Uplight-High (100-180)	918.9	N.A.	50.0
Total	1839.3	N.A.	100.0
BUG Rating	B1-U4-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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2284.547	2284.436	2284.326	2284.212	2284.102	2284.235	2284.612	2284.985	2285.362	2285.738
10	1513.493	1513.938	1514.386	1514.831	1515.275	1516.460	1518.383	1520.305	1522.227	1524.149
15	946.636	946.726	946.814	946.905	946.993	947.675	948.947	950.220	951.493	952.766
20	663.809	663.907	664.004	664.098	664.196	664.546	665.147	665.751	666.352	666.955
25	530.469	530.073	529.674	529.278	528.878	528.628	528.528	528.424	528.323	528.219
30	402.838	402.383	401.932	401.477	401.026	400.152	398.857	397.561	396.269	394.974
35	189.845	189.939	190.037	190.131	190.225	190.365	190.547	190.728	190.910	191.092
40	68.220	68.467	68.714	68.964	69.211	69.646	70.269	70.889	71.513	72.136
45	43.229	43.284	43.339	43.395	43.450	43.541	43.667	43.794	43.921	44.047
50	29.943	29.982	30.021	30.063	30.102	30.167	30.258	30.352	30.443	30.534
55	20.433	20.455	20.478	20.501	20.524	20.569	20.631	20.696	20.757	20.822
60	13.488	13.504	13.520	13.536	13.552	13.578	13.621	13.663	13.705	13.747
65	9.039	9.043	9.049	9.052	9.056	9.072	9.098	9.124	9.150	9.176
70	6.046	6.046	6.049	6.049	6.052	6.059	6.068	6.081	6.091	6.104
75	3.786	3.783	3.783	3.779	3.776	3.776	3.779	3.783	3.786	3.789
80	1.838	1.838	1.838	1.841	1.841	1.844	1.847	1.851	1.857	1.860
85	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
90	0.143	0.143	0.143	0.149	0.149	0.149	0.149	0.156	0.156	0.156
95	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
100	1.838	1.838	1.838	1.841	1.841	1.844	1.847	1.851	1.857	1.860
105	3.786	3.783	3.783	3.779	3.776	3.776	3.779	3.783	3.786	3.789
110	6.046	6.046	6.049	6.049	6.052	6.059	6.068	6.081	6.091	6.104
115	9.039	9.043	9.049	9.052	9.056	9.072	9.098	9.124	9.150	9.176
120	13.488	13.504	13.520	13.536	13.552	13.578	13.621	13.663	13.705	13.747
125	20.433	20.455	20.478	20.501	20.524	20.569	20.631	20.696	20.757	20.822
130	29.943	29.982	30.021	30.063	30.102	30.167	30.258	30.352	30.443	30.534
135	43.229	43.284	43.339	43.395	43.450	43.541	43.667	43.794	43.921	44.047
140	68.220	68.467	68.714	68.964	69.211	69.646	70.269	70.889	71.513	72.136
145	189.845	189.939	190.037	190.131	190.225	190.365	190.547	190.728	190.910	191.092
150	402.838	402.383	401.932	401.477	401.026	400.152	398.857	397.561	396.269	394.974
155	530.469	530.073	529.674	529.278	528.878	528.628	528.528	528.424	528.323	528.219
160	663.809	663.907	664.004	664.098	664.196	664.546	665.147	665.751	666.352	666.955
165	946.636	946.726	946.814	946.905	946.993	947.675	948.947	950.220	951.493	952.766
170	1513.493	1513.938	1514.386	1514.831	1515.275	1516.460	1518.383	1520.305	1522.227	1524.149
175	2284.547	2284.436	2284.326	2284.215	2284.102	2284.235	2284.612	2284.988	2285.362	2285.738
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2285.774	2285.810	2285.845	2285.881	2285.978	2286.134	2286.293	2286.449	2286.605	2286.449
10	1526.383	1528.620	1530.854	1533.091	1534.838	1536.094	1537.354	1538.611	1539.870	1538.611
15	954.441	956.116	957.789	959.464	960.763	961.682	962.600	963.523	964.441	963.523
20	667.722	668.485	669.251	670.014	670.660	671.186	671.709	672.235	672.761	672.235
25	528.382	528.541	528.703	528.862	529.151	529.567	529.982	530.398	530.814	530.398
30	395.224	395.470	395.720	395.970	396.337	396.821	397.305	397.789	398.273	397.789
35	191.881	192.667	193.456	194.245	194.729	194.914	195.099	195.284	195.469	195.284
40	72.461	72.789	73.113	73.441	73.753	74.052	74.350	74.649	74.948	74.649
45	44.080	44.115	44.148	44.184	44.216	44.249	44.278	44.310	44.343	44.310
50	30.589	30.644	30.699	30.754	30.793	30.816	30.842	30.865	30.891	30.865
55	20.868	20.916	20.962	21.011	21.043	21.066	21.089	21.108	21.131	21.108

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CANDELA TABULATION - (Cont.)

60	13.777	13.803	13.832	13.861	13.884	13.900	13.919	13.936	13.955	13.936
65	9.189	9.202	9.211	9.224	9.234	9.237	9.244	9.247	9.254	9.247
70	6.107	6.114	6.117	6.120	6.124	6.120	6.120	6.117	6.117	6.117
75	3.792	3.792	3.796	3.799	3.799	3.796	3.792	3.789	3.786	3.789
80	1.864	1.867	1.867	1.870	1.870	1.870	1.867	1.867	1.867	1.867
85	0.396	0.396	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
90	0.156	0.156	0.162	0.162	0.162	0.162	0.162	0.162	0.162	0.162
95	0.396	0.396	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
100	1.864	1.867	1.867	1.870	1.870	1.870	1.867	1.867	1.867	1.867
105	3.792	3.792	3.796	3.799	3.799	3.796	3.792	3.789	3.786	3.789
110	6.107	6.114	6.117	6.120	6.124	6.120	6.120	6.117	6.117	6.117
115	9.189	9.202	9.211	9.224	9.234	9.237	9.244	9.247	9.254	9.247
120	13.777	13.803	13.832	13.861	13.884	13.900	13.919	13.936	13.955	13.936
125	20.868	20.916	20.962	21.011	21.043	21.066	21.089	21.108	21.131	21.108
130	30.589	30.644	30.699	30.754	30.793	30.816	30.842	30.865	30.891	30.865
135	44.080	44.115	44.148	44.184	44.216	44.249	44.278	44.310	44.343	44.310
140	72.461	72.789	73.113	73.441	73.753	74.052	74.350	74.649	74.948	74.649
145	191.881	192.667	193.456	194.245	194.729	194.914	195.099	195.284	195.469	195.284
150	395.224	395.470	395.720	395.970	396.337	396.821	397.305	397.789	398.273	397.789
155	528.382	528.541	528.703	528.862	529.151	529.567	529.982	530.398	530.814	530.398
160	667.722	668.485	669.251	670.014	670.660	671.186	671.709	672.235	672.761	672.235
165	954.441	956.116	957.789	959.464	960.763	961.682	962.600	963.523	964.441	963.523
170	1526.383	1528.620	1530.854	1533.091	1534.838	1536.094	1537.354	1538.611	1539.870	1538.611
175	2285.774	2285.810	2285.849	2285.884	2285.978	2286.138	2286.293	2286.449	2286.605	2286.449
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2286.293	2286.134	2285.978	2285.881	2285.845	2285.810	2285.774	2285.738	2285.362	2284.985
10	1537.354	1536.094	1534.838	1533.091	1530.854	1528.620	1526.383	1524.149	1522.227	1520.305
15	962.600	961.682	960.763	959.464	957.789	956.116	954.441	952.766	951.493	950.220
20	671.709	671.186	670.660	670.014	669.251	668.485	667.722	666.955	666.352	665.751
25	529.982	529.567	529.151	528.862	528.703	528.541	528.382	528.219	528.323	528.424
30	397.305	396.821	396.337	395.970	395.720	395.470	395.224	394.974	396.269	397.561
35	195.099	194.914	194.729	194.245	193.456	192.667	191.881	191.092	190.910	190.728
40	74.350	74.052	73.753	73.441	73.113	72.789	72.461	72.136	71.513	70.889
45	44.278	44.249	44.216	44.184	44.148	44.115	44.080	44.047	43.921	43.794
50	30.842	30.816	30.793	30.754	30.699	30.644	30.589	30.534	30.443	30.352
55	21.089	21.066	21.043	21.011	20.962	20.916	20.868	20.822	20.757	20.696
60	13.919	13.900	13.884	13.861	13.832	13.803	13.777	13.747	13.705	13.663
65	9.244	9.237	9.234	9.224	9.211	9.202	9.189	9.176	9.150	9.124
70	6.120	6.120	6.124	6.120	6.117	6.114	6.107	6.104	6.091	6.081
75	3.792	3.796	3.799	3.799	3.796	3.792	3.792	3.789	3.786	3.783
80	1.867	1.870	1.870	1.870	1.867	1.867	1.864	1.860	1.857	1.851
85	0.393	0.393	0.393	0.393	0.393	0.396	0.396	0.396	0.396	0.396
90	0.162	0.162	0.162	0.162	0.162	0.156	0.156	0.156	0.156	0.156
95	0.393	0.393	0.393	0.393	0.393	0.396	0.396	0.396	0.396	0.396
100	1.867	1.870	1.870	1.870	1.867	1.867	1.864	1.860	1.857	1.851
105	3.792	3.796	3.799	3.799	3.796	3.792	3.792	3.789	3.786	3.783
110	6.120	6.120	6.124	6.120	6.117	6.114	6.107	6.104	6.091	6.081
115	9.244	9.237	9.234	9.224	9.211	9.202	9.189	9.176	9.150	9.124
120	13.919	13.900	13.884	13.861	13.832	13.803	13.777	13.747	13.705	13.663
125	21.089	21.066	21.043	21.011	20.962	20.916	20.868	20.822	20.757	20.696
130	30.842	30.816	30.793	30.754	30.699	30.644	30.589	30.534	30.443	30.352

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CANDELA TABULATION - (Cont.)

135	44.278	44.249	44.216	44.184	44.148	44.115	44.080	44.047	43.921	43.794
140	74.350	74.052	73.753	73.441	73.113	72.789	72.461	72.136	71.513	70.889
145	195.099	194.914	194.729	194.245	193.456	192.667	191.881	191.092	190.910	190.728
150	397.305	396.821	396.337	395.970	395.720	395.470	395.224	394.974	396.269	397.561
155	529.982	529.567	529.151	528.862	528.703	528.541	528.382	528.219	528.323	528.424
160	671.709	671.186	670.660	670.014	669.251	668.485	667.722	666.955	666.352	665.751
165	962.600	961.682	960.763	959.464	957.789	956.116	954.441	952.766	951.493	950.220
170	1537.354	1536.094	1534.838	1533.091	1530.854	1528.620	1526.383	1524.149	1522.227	1520.305
175	2286.293	2286.138	2285.978	2285.884	2285.849	2285.810	2285.774	2285.738	2285.362	2284.988
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2284.612	2284.235	2284.102	2284.212	2284.326	2284.436	2284.547	2284.436	2284.326	2284.212
10	1518.383	1516.460	1515.275	1514.831	1514.386	1513.938	1513.493	1513.938	1514.386	1514.831
15	948.947	947.675	946.993	946.905	946.814	946.726	946.636	946.726	946.814	946.905
20	665.147	664.546	664.196	664.098	664.004	663.907	663.809	663.907	664.004	664.098
25	528.528	528.628	528.878	529.278	529.674	530.073	530.469	530.073	529.674	529.278
30	398.857	400.152	401.026	401.477	401.932	402.383	402.838	402.383	401.932	401.477
35	190.547	190.365	190.225	190.131	190.037	189.939	189.845	189.939	190.037	190.131
40	70.269	69.646	69.211	68.964	68.714	68.467	68.220	68.467	68.714	68.964
45	43.667	43.541	43.450	43.395	43.339	43.284	43.229	43.284	43.339	43.395
50	30.258	30.167	30.102	30.063	30.021	29.982	29.943	29.982	30.021	30.063
55	20.631	20.569	20.524	20.501	20.478	20.455	20.433	20.455	20.478	20.501
60	13.621	13.578	13.552	13.536	13.520	13.504	13.488	13.504	13.520	13.536
65	9.098	9.072	9.056	9.052	9.049	9.043	9.039	9.043	9.049	9.052
70	6.068	6.059	6.052	6.049	6.049	6.046	6.046	6.046	6.049	6.049
75	3.779	3.776	3.776	3.779	3.783	3.783	3.786	3.783	3.783	3.779
80	1.847	1.844	1.841	1.841	1.838	1.838	1.838	1.838	1.838	1.841
85	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
90	0.149	0.149	0.149	0.149	0.143	0.143	0.143	0.143	0.143	0.149
95	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
100	1.847	1.844	1.841	1.841	1.838	1.838	1.838	1.838	1.838	1.841
105	3.779	3.776	3.776	3.779	3.783	3.783	3.786	3.783	3.783	3.779
110	6.068	6.059	6.052	6.049	6.049	6.046	6.046	6.046	6.049	6.049
115	9.098	9.072	9.056	9.052	9.049	9.043	9.039	9.043	9.049	9.052
120	13.621	13.578	13.552	13.536	13.520	13.504	13.488	13.504	13.520	13.536
125	20.631	20.569	20.524	20.501	20.478	20.455	20.433	20.455	20.478	20.501
130	30.258	30.167	30.102	30.063	30.021	29.982	29.943	29.982	30.021	30.063
135	43.667	43.541	43.450	43.395	43.339	43.284	43.229	43.284	43.339	43.395
140	70.269	69.646	69.211	68.964	68.714	68.467	68.220	68.467	68.714	68.964
145	190.547	190.365	190.225	190.131	190.037	189.939	189.845	189.939	190.037	190.131
150	398.857	400.152	401.026	401.477	401.932	402.383	402.838	402.383	401.932	401.477
155	528.528	528.628	528.878	529.278	529.674	530.073	530.469	530.073	529.674	529.278
160	665.147	664.546	664.196	664.098	664.004	663.907	663.809	663.907	664.004	664.098
165	948.947	947.675	946.993	946.905	946.814	946.726	946.636	946.726	946.814	946.905
170	1518.383	1516.460	1515.275	1514.831	1514.386	1513.938	1513.493	1513.938	1514.386	1514.831
175	2284.612	2284.235	2284.102	2284.215	2284.326	2284.436	2284.547	2284.436	2284.326	2284.215
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2284.102	2284.235	2284.612	2284.985	2285.362	2285.738	2285.774	2285.810	2285.845	2285.881
10	1515.275	1516.460	1518.383	1520.305	1522.227	1524.149	1526.383	1528.620	1530.854	1533.091
15	946.993	947.675	948.947	950.220	951.493	952.766	954.441	956.116	957.789	959.464
20	664.196	664.546	665.147	665.751	666.352	666.955	667.722	668.485	669.251	670.014
25	528.878	528.628	528.528	528.424	528.323	528.219	528.382	528.541	528.703	528.862
30	401.026	400.152	398.857	397.561	396.269	394.974	395.224	395.470	395.720	395.970
35	190.225	190.365	190.547	190.728	190.910	191.092	191.881	192.667	193.456	194.245
40	69.211	69.646	70.269	70.889	71.513	72.136	72.461	72.789	73.113	73.441
45	43.450	43.541	43.667	43.794	43.921	44.047	44.080	44.115	44.148	44.184
50	30.102	30.167	30.258	30.352	30.443	30.534	30.589	30.644	30.699	30.754
55	20.524	20.569	20.631	20.696	20.757	20.822	20.868	20.916	20.962	21.011
60	13.552	13.578	13.621	13.663	13.705	13.747	13.777	13.803	13.832	13.861
65	9.056	9.072	9.098	9.124	9.150	9.176	9.189	9.202	9.211	9.224
70	6.052	6.059	6.068	6.081	6.091	6.104	6.107	6.114	6.117	6.120
75	3.776	3.776	3.779	3.783	3.786	3.789	3.792	3.792	3.796	3.799
80	1.841	1.844	1.847	1.851	1.857	1.860	1.864	1.867	1.867	1.870
85	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.393	0.393
90	0.149	0.149	0.149	0.156	0.156	0.156	0.156	0.156	0.162	0.162
95	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.393	0.393
100	1.841	1.844	1.847	1.851	1.857	1.860	1.864	1.867	1.867	1.870
105	3.776	3.776	3.779	3.783	3.786	3.789	3.792	3.792	3.796	3.799
110	6.052	6.059	6.068	6.081	6.091	6.104	6.107	6.114	6.117	6.120
115	9.056	9.072	9.098	9.124	9.150	9.176	9.189	9.202	9.211	9.224
120	13.552	13.578	13.621	13.663	13.705	13.747	13.777	13.803	13.832	13.861
125	20.524	20.569	20.631	20.696	20.757	20.822	20.868	20.916	20.962	21.011
130	30.102	30.167	30.258	30.352	30.443	30.534	30.589	30.644	30.699	30.754
135	43.450	43.541	43.667	43.794	43.921	44.047	44.080	44.115	44.148	44.184
140	69.211	69.646	70.269	70.889	71.513	72.136	72.461	72.789	73.113	73.441
145	190.225	190.365	190.547	190.728	190.910	191.092	191.881	192.667	193.456	194.245
150	401.026	400.152	398.857	397.561	396.269	394.974	395.224	395.470	395.720	395.970
155	528.878	528.628	528.528	528.424	528.323	528.219	528.382	528.541	528.703	528.862
160	664.196	664.546	665.147	665.751	666.352	666.955	667.722	668.485	669.251	670.014
165	946.993	947.675	948.947	950.220	951.493	952.766	954.441	956.116	957.789	959.464
170	1515.275	1516.460	1518.383	1520.305	1522.227	1524.149	1526.383	1528.620	1530.854	1533.091
175	2284.102	2284.235	2284.612	2284.988	2285.362	2285.738	2285.774	2285.810	2285.849	2285.884
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2285.978	2286.134	2286.293	2286.449	2286.605	2286.449	2286.293	2286.134	2285.978	2285.881
10	1534.838	1536.094	1537.354	1538.611	1539.870	1538.611	1537.354	1536.094	1534.838	1533.091
15	960.763	961.682	962.600	963.523	964.441	963.523	962.600	961.682	960.763	959.464
20	670.660	671.186	671.709	672.235	672.761	672.235	671.709	671.186	670.660	670.014
25	529.151	529.567	529.982	530.398	530.814	530.398	529.982	529.567	529.151	528.862
30	396.337	396.821	397.305	397.789	398.273	397.789	397.305	396.821	396.337	395.970
35	194.729	194.914	195.099	195.284	195.469	195.284	195.099	194.914	194.729	194.245
40	73.753	74.052	74.350	74.649	74.948	74.649	74.350	74.052	73.753	73.441
45	44.216	44.249	44.278	44.310	44.343	44.310	44.278	44.249	44.216	44.184
50	30.793	30.816	30.842	30.865	30.891	30.865	30.842	30.816	30.793	30.754
55	21.043	21.066	21.089	21.108	21.131	21.108	21.089	21.066	21.043	21.011
60	13.884	13.900	13.919	13.936	13.955	13.936	13.919	13.900	13.884	13.861
65	9.234	9.237	9.244	9.247	9.254	9.247	9.244	9.237	9.234	9.224
70	6.124	6.120	6.120	6.117	6.117	6.117	6.120	6.120	6.124	6.120
75	3.799	3.796	3.792	3.789	3.786	3.789	3.792	3.796	3.799	3.799

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.870	1.870	1.867	1.867	1.867	1.867	1.867	1.870	1.870	1.870
85	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
90	0.162	0.162	0.162	0.162	0.162	0.162	0.162	0.162	0.162	0.162
95	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
100	1.870	1.870	1.867	1.867	1.867	1.867	1.867	1.870	1.870	1.870
105	3.799	3.796	3.792	3.789	3.786	3.789	3.792	3.796	3.799	3.799
110	6.124	6.120	6.120	6.117	6.117	6.117	6.120	6.120	6.124	6.120
115	9.234	9.237	9.244	9.247	9.254	9.247	9.244	9.237	9.234	9.224
120	13.884	13.900	13.919	13.936	13.955	13.936	13.919	13.900	13.884	13.861
125	21.043	21.066	21.089	21.108	21.131	21.108	21.089	21.066	21.043	21.011
130	30.793	30.816	30.842	30.865	30.891	30.865	30.842	30.816	30.793	30.754
135	44.216	44.249	44.278	44.310	44.343	44.310	44.278	44.249	44.216	44.184
140	73.753	74.052	74.350	74.649	74.948	74.649	74.350	74.052	73.753	73.441
145	194.729	194.914	195.099	195.284	195.469	195.284	195.099	194.914	194.729	194.245
150	396.337	396.821	397.305	397.789	398.273	397.789	397.305	396.821	396.337	395.970
155	529.151	529.567	529.982	530.398	530.814	530.398	529.982	529.567	529.151	528.862
160	670.660	671.186	671.709	672.235	672.761	672.235	671.709	671.186	670.660	670.014
165	960.763	961.682	962.600	963.523	964.441	963.523	962.600	961.682	960.763	959.464
170	1534.838	1536.094	1537.354	1538.611	1539.870	1538.611	1537.354	1536.094	1534.838	1533.091
175	2285.978	2286.138	2286.293	2286.449	2286.605	2286.449	2286.293	2286.138	2285.978	2285.884
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

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	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136	2653.136
5	2285.845	2285.810	2285.774	2285.738	2285.362	2284.985	2284.612	2284.235	2284.102	2284.212
10	1530.854	1528.620	1526.383	1524.149	1522.227	1520.305	1518.383	1516.460	1515.275	1514.831
15	957.789	956.116	954.441	952.766	951.493	950.220	948.947	947.675	946.993	946.905
20	669.251	668.485	667.722	666.955	666.352	665.751	665.147	664.546	664.196	664.098
25	528.703	528.541	528.382	528.219	528.323	528.424	528.528	528.628	528.878	529.278
30	395.720	395.470	395.224	394.974	396.269	397.561	398.857	400.152	401.026	401.477
35	193.456	192.667	191.881	191.092	190.910	190.728	190.547	190.365	190.225	190.131
40	73.113	72.789	72.461	72.136	71.513	70.889	70.269	69.646	69.211	68.964
45	44.148	44.115	44.080	44.047	43.921	43.794	43.667	43.541	43.450	43.395
50	30.699	30.644	30.589	30.534	30.443	30.352	30.258	30.167	30.102	30.063
55	20.962	20.916	20.868	20.822	20.757	20.696	20.631	20.569	20.524	20.501
60	13.832	13.803	13.777	13.747	13.705	13.663	13.621	13.578	13.552	13.536
65	9.211	9.202	9.189	9.176	9.150	9.124	9.098	9.072	9.056	9.052
70	6.117	6.114	6.107	6.104	6.091	6.081	6.068	6.059	6.052	6.049
75	3.796	3.792	3.792	3.789	3.786	3.783	3.779	3.776	3.776	3.779
80	1.867	1.867	1.864	1.860	1.857	1.851	1.847	1.844	1.841	1.841
85	0.393	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
90	0.162	0.156	0.156	0.156	0.156	0.156	0.149	0.149	0.149	0.149
95	0.393	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396
100	1.867	1.867	1.864	1.860	1.857	1.851	1.847	1.844	1.841	1.841
105	3.796	3.792	3.792	3.789	3.786	3.783	3.779	3.776	3.776	3.779
110	6.117	6.114	6.107	6.104	6.091	6.081	6.068	6.059	6.052	6.049
115	9.211	9.202	9.189	9.176	9.150	9.124	9.098	9.072	9.056	9.052
120	13.832	13.803	13.777	13.747	13.705	13.663	13.621	13.578	13.552	13.536
125	20.962	20.916	20.868	20.822	20.757	20.696	20.631	20.569	20.524	20.501
130	30.699	30.644	30.589	30.534	30.443	30.352	30.258	30.167	30.102	30.063
135	44.148	44.115	44.080	44.047	43.921	43.794	43.667	43.541	43.450	43.395
140	73.113	72.789	72.461	72.136	71.513	70.889	70.269	69.646	69.211	68.964
145	193.456	192.667	191.881	191.092	190.910	190.728	190.547	190.365	190.225	190.131
150	395.720	395.470	395.224	394.974	396.269	397.561	398.857	400.152	401.026	401.477

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-N-XX_.IES****CANDELA TABULATION - (Cont.)**

155	528.703	528.541	528.382	528.219	528.323	528.424	528.528	528.628	528.878	529.278
160	669.251	668.485	667.722	666.955	666.352	665.751	665.147	664.546	664.196	664.098
165	957.789	956.116	954.441	952.766	951.493	950.220	948.947	947.675	946.993	946.905
170	1530.854	1528.620	1526.383	1524.149	1522.227	1520.305	1518.383	1516.460	1515.275	1514.831
175	2285.849	2285.810	2285.774	2285.738	2285.362	2284.988	2284.612	2284.235	2284.102	2284.215
180	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029	2653.029

Vert. Angles **Horizontal Angles**

	350	355	360
0	2653.136	2653.136	2653.136
5	2284.326	2284.436	2284.547
10	1514.386	1513.938	1513.493
15	946.814	946.726	946.636
20	664.004	663.907	663.809
25	529.674	530.073	530.469
30	401.932	402.383	402.838
35	190.037	189.939	189.845
40	68.714	68.467	68.220
45	43.339	43.284	43.229
50	30.021	29.982	29.943
55	20.478	20.455	20.433
60	13.520	13.504	13.488
65	9.049	9.043	9.039
70	6.049	6.046	6.046
75	3.783	3.783	3.786
80	1.838	1.838	1.838
85	0.396	0.396	0.396
90	0.143	0.143	0.143
95	0.396	0.396	0.396
100	1.838	1.838	1.838
105	3.783	3.783	3.786
110	6.049	6.046	6.046
115	9.049	9.043	9.039
120	13.520	13.504	13.488
125	20.478	20.455	20.433
130	30.021	29.982	29.943
135	43.339	43.284	43.229
140	68.714	68.467	68.220
145	190.037	189.939	189.845
150	401.932	402.383	402.838
155	529.674	530.073	530.469
160	664.004	663.907	663.809
165	946.814	946.726	946.636
170	1514.386	1513.938	1513.493
175	2284.326	2284.436	2284.547
180	2653.029	2653.029	2653.029

COEFFICIENTS OF UTILIZATION



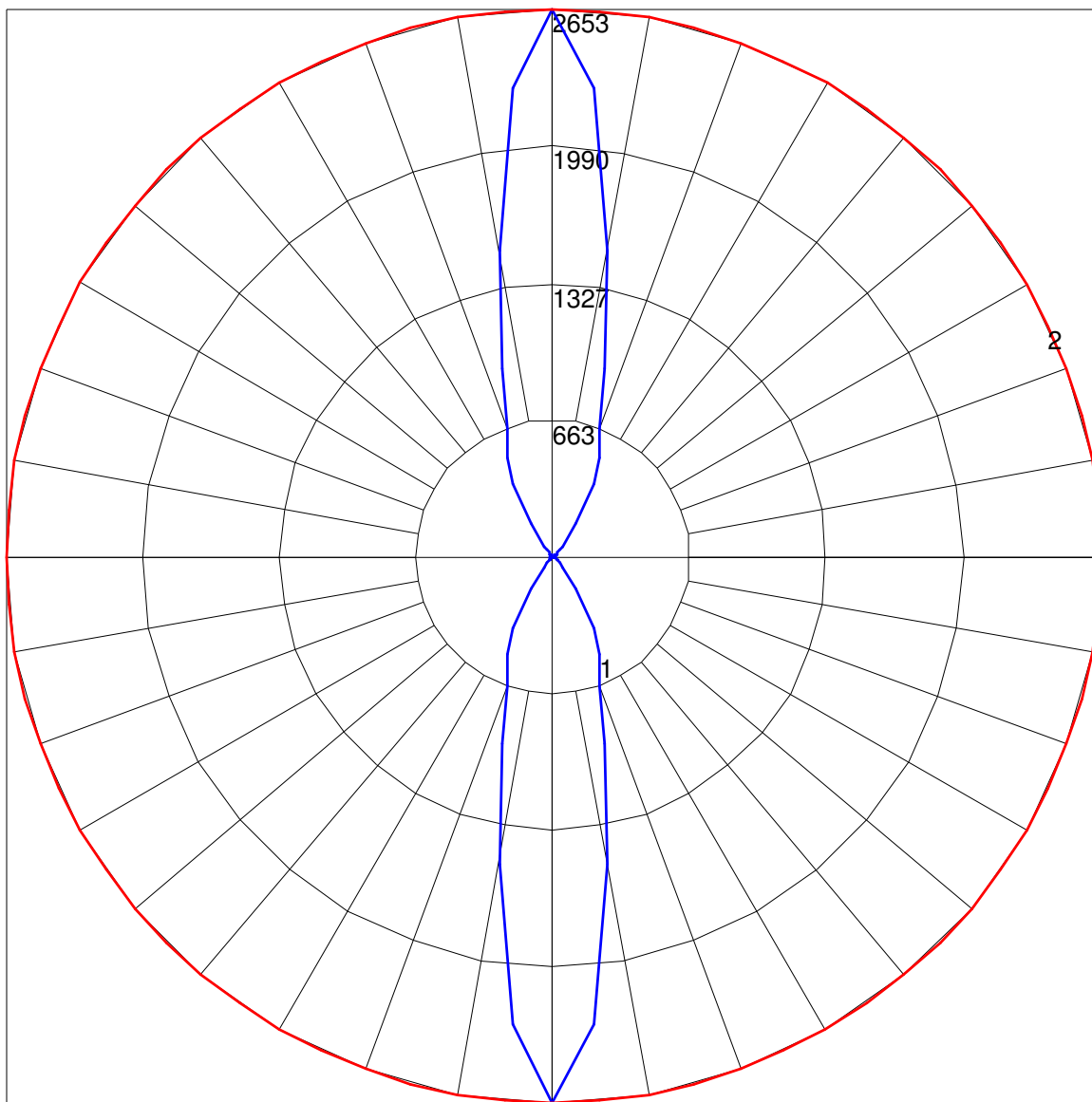
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	459.8	25.0
Downward House Side	459.8	25.0
Downward Total	919.6	50.0
Upward Street Side	459.8	25.0
Upward House Side	459.8	25.0
Upward Total	919.6	50.0
Total Flux	1839.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 2653.136 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

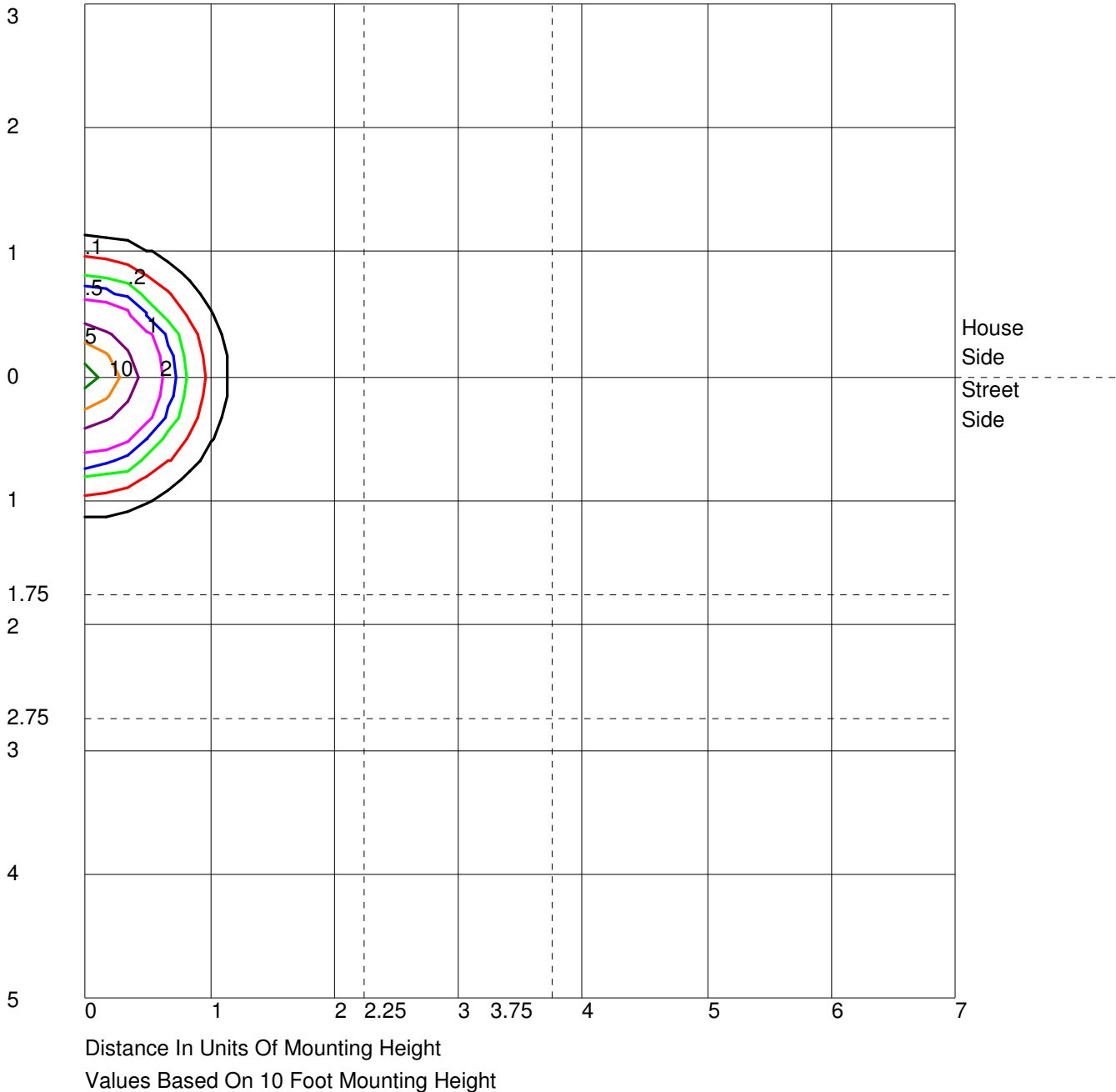


PHOTO LUMENS

