

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-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-L10-840U-L10-840D-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	1935
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2791.32
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2791.32
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.171 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.968 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	378.2	N.A.	19.5
FM - Front-Medium (30-60)	98.1	N.A.	5.1
FH - Front-High (60-80)	7.1	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	378.2	N.A.	19.5
BM - Back-Medium (30-60)	98.1	N.A.	5.1
BH - Back-High (60-80)	7.1	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)	966.7	N.A.	50.0
Total	1935.1	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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2403.534	2403.417	2403.301	2403.182	2403.066	2403.206	2403.602	2403.995	2404.391	2404.787
10	1592.321	1592.789	1593.260	1593.728	1594.196	1595.443	1597.465	1599.487	1601.510	1603.532
15	995.940	996.035	996.127	996.223	996.315	997.033	998.372	999.711	1001.050	1002.389
20	698.383	698.485	698.588	698.687	698.789	699.158	699.790	700.425	701.057	701.693
25	558.098	557.681	557.261	556.844	556.424	556.161	556.055	555.946	555.840	555.731
30	423.819	423.341	422.866	422.388	421.913	420.994	419.631	418.268	416.908	415.545
35	199.733	199.832	199.935	200.034	200.133	200.280	200.471	200.662	200.854	201.045
40	71.773	72.033	72.293	72.556	72.815	73.273	73.929	74.581	75.237	75.893
45	45.481	45.539	45.597	45.655	45.713	45.808	45.942	46.075	46.208	46.341
50	31.502	31.543	31.584	31.629	31.670	31.738	31.834	31.933	32.028	32.124
55	21.497	21.521	21.545	21.569	21.592	21.640	21.705	21.774	21.838	21.907
60	14.190	14.207	14.224	14.241	14.258	14.286	14.330	14.374	14.419	14.463
65	9.510	9.514	9.520	9.524	9.527	9.544	9.572	9.599	9.626	9.654
70	6.361	6.361	6.364	6.364	6.367	6.374	6.384	6.398	6.408	6.422
75	3.983	3.980	3.980	3.976	3.973	3.973	3.976	3.980	3.983	3.986
80	1.933	1.933	1.933	1.937	1.937	1.940	1.944	1.947	1.954	1.957
85	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
90	0.150	0.150	0.150	0.157	0.157	0.157	0.157	0.164	0.164	0.164
95	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
100	1.933	1.933	1.933	1.937	1.937	1.940	1.944	1.947	1.954	1.957
105	3.983	3.980	3.980	3.976	3.973	3.973	3.976	3.980	3.983	3.986
110	6.361	6.361	6.364	6.364	6.367	6.374	6.384	6.398	6.408	6.422
115	9.510	9.514	9.520	9.524	9.527	9.544	9.572	9.599	9.626	9.654
120	14.190	14.207	14.224	14.241	14.258	14.286	14.330	14.374	14.419	14.463
125	21.497	21.521	21.545	21.569	21.592	21.640	21.705	21.774	21.838	21.907
130	31.502	31.543	31.584	31.629	31.670	31.738	31.834	31.933	32.028	32.124
135	45.481	45.539	45.597	45.655	45.713	45.808	45.942	46.075	46.208	46.341
140	71.773	72.033	72.293	72.556	72.815	73.273	73.929	74.581	75.237	75.893
145	199.733	199.832	199.935	200.034	200.133	200.280	200.471	200.662	200.854	201.045
150	423.819	423.341	422.866	422.388	421.913	420.994	419.631	418.268	416.908	415.545
155	558.098	557.681	557.261	556.844	556.424	556.161	556.055	555.946	555.840	555.731
160	698.383	698.485	698.588	698.687	698.789	699.158	699.790	700.425	701.057	701.693
165	995.940	996.035	996.127	996.223	996.315	997.033	998.372	999.711	1001.050	1002.389
170	1592.321	1592.789	1593.260	1593.728	1594.196	1595.443	1597.465	1599.487	1601.510	1603.532
175	2403.534	2403.417	2403.301	2403.185	2403.066	2403.206	2403.602	2403.998	2404.391	2404.787
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2404.825	2404.862	2404.900	2404.938	2405.040	2405.204	2405.371	2405.535	2405.699	2405.535
10	1605.882	1608.236	1610.586	1612.940	1614.777	1616.099	1617.425	1618.747	1620.072	1618.747
15	1004.152	1005.914	1007.673	1009.436	1010.803	1011.769	1012.736	1013.706	1014.673	1013.706
20	702.499	703.302	704.108	704.911	705.590	706.144	706.694	707.247	707.801	707.247
25	555.902	556.069	556.240	556.407	556.711	557.148	557.586	558.023	558.460	558.023
30	415.808	416.068	416.331	416.594	416.980	417.489	417.998	418.507	419.016	418.507
35	201.875	202.702	203.532	204.362	204.871	205.065	205.260	205.455	205.650	205.455
40	76.235	76.580	76.921	77.266	77.594	77.909	78.223	78.537	78.851	78.537
45	46.376	46.413	46.447	46.485	46.519	46.553	46.584	46.618	46.652	46.618
50	32.182	32.240	32.298	32.356	32.397	32.421	32.449	32.472	32.500	32.472
55	21.955	22.006	22.054	22.105	22.139	22.163	22.187	22.207	22.231	22.207

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CANDELA TABULATION - (Cont.)

60	14.494	14.521	14.552	14.583	14.607	14.624	14.644	14.661	14.682	14.661
65	9.667	9.681	9.691	9.705	9.715	9.718	9.725	9.729	9.736	9.729
70	6.425	6.432	6.436	6.439	6.443	6.439	6.439	6.436	6.436	6.436
75	3.990	3.990	3.993	3.997	3.997	3.993	3.990	3.986	3.983	3.986
80	1.961	1.964	1.964	1.968	1.968	1.968	1.964	1.964	1.964	1.964
85	0.417	0.417	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
90	0.164	0.164	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171
95	0.417	0.417	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
100	1.961	1.964	1.964	1.968	1.968	1.968	1.964	1.964	1.964	1.964
105	3.990	3.990	3.993	3.997	3.997	3.993	3.990	3.986	3.983	3.986
110	6.425	6.432	6.436	6.439	6.443	6.439	6.439	6.436	6.436	6.436
115	9.667	9.681	9.691	9.705	9.715	9.718	9.725	9.729	9.736	9.729
120	14.494	14.521	14.552	14.583	14.607	14.624	14.644	14.661	14.682	14.661
125	21.955	22.006	22.054	22.105	22.139	22.163	22.187	22.207	22.231	22.207
130	32.182	32.240	32.298	32.356	32.397	32.421	32.449	32.472	32.500	32.472
135	46.376	46.413	46.447	46.485	46.519	46.553	46.584	46.618	46.652	46.618
140	76.235	76.580	76.921	77.266	77.594	77.909	78.223	78.537	78.851	78.537
145	201.875	202.702	203.532	204.362	204.871	205.065	205.260	205.455	205.650	205.455
150	415.808	416.068	416.331	416.594	416.980	417.489	417.998	418.507	419.016	418.507
155	555.902	556.069	556.240	556.407	556.711	557.148	557.586	558.023	558.460	558.023
160	702.499	703.302	704.108	704.911	705.590	706.144	706.694	707.247	707.801	707.247
165	1004.152	1005.914	1007.673	1009.436	1010.803	1011.769	1012.736	1013.706	1014.673	1013.706
170	1605.882	1608.236	1610.586	1612.940	1614.777	1616.099	1617.425	1618.747	1620.072	1618.747
175	2404.825	2404.862	2404.903	2404.941	2405.040	2405.207	2405.371	2405.535	2405.699	2405.535
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2405.371	2405.204	2405.040	2404.938	2404.900	2404.862	2404.825	2404.787	2404.391	2403.995
10	1617.425	1616.099	1614.777	1612.940	1610.586	1608.236	1605.882	1603.532	1601.510	1599.487
15	1012.736	1011.769	1010.803	1009.436	1007.673	1005.914	1004.152	1002.389	1001.050	999.711
20	706.694	706.144	705.590	704.911	704.108	703.302	702.499	701.693	701.057	700.425
25	557.586	557.148	556.711	556.407	556.240	556.069	555.902	555.731	555.840	555.946
30	417.998	417.489	416.980	416.594	416.331	416.068	415.808	415.545	416.908	418.268
35	205.260	205.065	204.871	204.362	203.532	202.702	201.875	201.045	200.854	200.662
40	78.223	77.909	77.594	77.266	76.921	76.580	76.235	75.893	75.237	74.581
45	46.584	46.553	46.519	46.485	46.447	46.413	46.376	46.341	46.208	46.075
50	32.449	32.421	32.397	32.356	32.298	32.240	32.182	32.124	32.028	31.933
55	22.187	22.163	22.139	22.105	22.054	22.006	21.955	21.907	21.838	21.774
60	14.644	14.624	14.607	14.583	14.552	14.521	14.494	14.463	14.419	14.374
65	9.725	9.718	9.715	9.705	9.691	9.681	9.667	9.654	9.626	9.599
70	6.439	6.439	6.443	6.439	6.436	6.432	6.425	6.422	6.408	6.398
75	3.990	3.993	3.997	3.997	3.993	3.990	3.990	3.986	3.983	3.980
80	1.964	1.968	1.968	1.968	1.964	1.964	1.961	1.957	1.954	1.947
85	0.413	0.413	0.413	0.413	0.413	0.417	0.417	0.417	0.417	0.417
90	0.171	0.171	0.171	0.171	0.171	0.164	0.164	0.164	0.164	0.164
95	0.413	0.413	0.413	0.413	0.413	0.417	0.417	0.417	0.417	0.417
100	1.964	1.968	1.968	1.968	1.964	1.964	1.961	1.957	1.954	1.947
105	3.990	3.993	3.997	3.997	3.993	3.990	3.990	3.986	3.983	3.980
110	6.439	6.439	6.443	6.439	6.436	6.432	6.425	6.422	6.408	6.398
115	9.725	9.718	9.715	9.705	9.691	9.681	9.667	9.654	9.626	9.599
120	14.644	14.624	14.607	14.583	14.552	14.521	14.494	14.463	14.419	14.374
125	22.187	22.163	22.139	22.105	22.054	22.006	21.955	21.907	21.838	21.774
130	32.449	32.421	32.397	32.356	32.298	32.240	32.182	32.124	32.028	31.933

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CANDELA TABULATION - (Cont.)

135	46.584	46.553	46.519	46.485	46.447	46.413	46.376	46.341	46.208	46.075
140	78.223	77.909	77.594	77.266	76.921	76.580	76.235	75.893	75.237	74.581
145	205.260	205.065	204.871	204.362	203.532	202.702	201.875	201.045	200.854	200.662
150	417.998	417.489	416.980	416.594	416.331	416.068	415.808	415.545	416.908	418.268
155	557.586	557.148	556.711	556.407	556.240	556.069	555.902	555.731	555.840	555.946
160	706.694	706.144	705.590	704.911	704.108	703.302	702.499	701.693	701.057	700.425
165	1012.736	1011.769	1010.803	1009.436	1007.673	1005.914	1004.152	1002.389	1001.050	999.711
170	1617.425	1616.099	1614.777	1612.940	1610.586	1608.236	1605.882	1603.532	1601.510	1599.487
175	2405.371	2405.207	2405.040	2404.941	2404.903	2404.862	2404.825	2404.787	2404.391	2403.998
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2403.602	2403.206	2403.066	2403.182	2403.301	2403.417	2403.534	2403.417	2403.301	2403.182
10	1597.465	1595.443	1594.196	1593.728	1593.260	1592.789	1592.321	1592.789	1593.260	1593.728
15	998.372	997.033	996.315	996.223	996.127	996.035	995.940	996.035	996.127	996.223
20	699.790	699.158	698.789	698.687	698.588	698.485	698.383	698.485	698.588	698.687
25	556.055	556.161	556.424	556.844	557.261	557.681	558.098	557.681	557.261	556.844
30	419.631	420.994	421.913	422.388	422.866	423.341	423.819	423.341	422.866	422.388
35	200.471	200.280	200.133	200.034	199.935	199.832	199.733	199.832	199.935	200.034
40	73.929	73.273	72.815	72.556	72.293	72.033	71.773	72.033	72.293	72.556
45	45.942	45.808	45.713	45.655	45.597	45.539	45.481	45.539	45.597	45.655
50	31.834	31.738	31.670	31.629	31.584	31.543	31.502	31.543	31.584	31.629
55	21.705	21.640	21.592	21.569	21.545	21.521	21.497	21.521	21.545	21.569
60	14.330	14.286	14.258	14.241	14.224	14.207	14.190	14.207	14.224	14.241
65	9.572	9.544	9.527	9.524	9.520	9.514	9.510	9.514	9.520	9.524
70	6.384	6.374	6.367	6.364	6.364	6.361	6.361	6.361	6.364	6.364
75	3.976	3.973	3.973	3.976	3.980	3.980	3.983	3.980	3.980	3.976
80	1.944	1.940	1.937	1.937	1.933	1.933	1.933	1.933	1.933	1.937
85	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
90	0.157	0.157	0.157	0.157	0.150	0.150	0.150	0.150	0.150	0.157
95	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
100	1.944	1.940	1.937	1.937	1.933	1.933	1.933	1.933	1.933	1.937
105	3.976	3.973	3.973	3.976	3.980	3.980	3.983	3.980	3.980	3.976
110	6.384	6.374	6.367	6.364	6.364	6.361	6.361	6.361	6.364	6.364
115	9.572	9.544	9.527	9.524	9.520	9.514	9.510	9.514	9.520	9.524
120	14.330	14.286	14.258	14.241	14.224	14.207	14.190	14.207	14.224	14.241
125	21.705	21.640	21.592	21.569	21.545	21.521	21.497	21.521	21.545	21.569
130	31.834	31.738	31.670	31.629	31.584	31.543	31.502	31.543	31.584	31.629
135	45.942	45.808	45.713	45.655	45.597	45.539	45.481	45.539	45.597	45.655
140	73.929	73.273	72.815	72.556	72.293	72.033	71.773	72.033	72.293	72.556
145	200.471	200.280	200.133	200.034	199.935	199.832	199.733	199.832	199.935	200.034
150	419.631	420.994	421.913	422.388	422.866	423.341	423.819	423.341	422.866	422.388
155	556.055	556.161	556.424	556.844	557.261	557.681	558.098	557.681	557.261	556.844
160	699.790	699.158	698.789	698.687	698.588	698.485	698.383	698.485	698.588	698.687
165	998.372	997.033	996.315	996.223	996.127	996.035	995.940	996.035	996.127	996.223
170	1597.465	1595.443	1594.196	1593.728	1593.260	1592.789	1592.321	1592.789	1593.260	1593.728
175	2403.602	2403.206	2403.066	2403.185	2403.301	2403.417	2403.534	2403.417	2403.301	2403.185
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2403.066	2403.206	2403.602	2403.995	2404.391	2404.787	2404.825	2404.862	2404.900	2404.938
10	1594.196	1595.443	1597.465	1599.487	1601.510	1603.532	1605.882	1608.236	1610.586	1612.940
15	996.315	997.033	998.372	999.711	1001.050	1002.389	1004.152	1005.914	1007.673	1009.436
20	698.789	699.158	699.790	700.425	701.057	701.693	702.499	703.302	704.108	704.911
25	556.424	556.161	556.055	555.946	555.840	555.731	555.902	556.069	556.240	556.407
30	421.913	420.994	419.631	418.268	416.908	415.545	415.808	416.068	416.331	416.594
35	200.133	200.280	200.471	200.662	200.854	201.045	201.875	202.702	203.532	204.362
40	72.815	73.273	73.929	74.581	75.237	75.893	76.235	76.580	76.921	77.266
45	45.713	45.808	45.942	46.075	46.208	46.341	46.376	46.413	46.447	46.485
50	31.670	31.738	31.834	31.933	32.028	32.124	32.182	32.240	32.298	32.356
55	21.592	21.640	21.705	21.774	21.838	21.907	21.955	22.006	22.054	22.105
60	14.258	14.286	14.330	14.374	14.419	14.463	14.494	14.521	14.552	14.583
65	9.527	9.544	9.572	9.599	9.626	9.654	9.667	9.681	9.691	9.705
70	6.367	6.374	6.384	6.398	6.408	6.422	6.425	6.432	6.436	6.439
75	3.973	3.973	3.976	3.980	3.983	3.986	3.990	3.990	3.993	3.997
80	1.937	1.940	1.944	1.947	1.954	1.957	1.961	1.964	1.964	1.968
85	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.413	0.413
90	0.157	0.157	0.157	0.164	0.164	0.164	0.164	0.164	0.171	0.171
95	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.413	0.413
100	1.937	1.940	1.944	1.947	1.954	1.957	1.961	1.964	1.964	1.968
105	3.973	3.973	3.976	3.980	3.983	3.986	3.990	3.990	3.993	3.997
110	6.367	6.374	6.384	6.398	6.408	6.422	6.425	6.432	6.436	6.439
115	9.527	9.544	9.572	9.599	9.626	9.654	9.667	9.681	9.691	9.705
120	14.258	14.286	14.330	14.374	14.419	14.463	14.494	14.521	14.552	14.583
125	21.592	21.640	21.705	21.774	21.838	21.907	21.955	22.006	22.054	22.105
130	31.670	31.738	31.834	31.933	32.028	32.124	32.182	32.240	32.298	32.356
135	45.713	45.808	45.942	46.075	46.208	46.341	46.376	46.413	46.447	46.485
140	72.815	73.273	73.929	74.581	75.237	75.893	76.235	76.580	76.921	77.266
145	200.133	200.280	200.471	200.662	200.854	201.045	201.875	202.702	203.532	204.362
150	421.913	420.994	419.631	418.268	416.908	415.545	415.808	416.068	416.331	416.594
155	556.424	556.161	556.055	555.946	555.840	555.731	555.902	556.069	556.240	556.407
160	698.789	699.158	699.790	700.425	701.057	701.693	702.499	703.302	704.108	704.911
165	996.315	997.033	998.372	999.711	1001.050	1002.389	1004.152	1005.914	1007.673	1009.436
170	1594.196	1595.443	1597.465	1599.487	1601.510	1603.532	1605.882	1608.236	1610.586	1612.940
175	2403.066	2403.206	2403.602	2403.998	2404.391	2404.787	2404.825	2404.862	2404.903	2404.941
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2405.040	2405.204	2405.371	2405.535	2405.699	2405.535	2405.371	2405.204	2405.040	2404.938
10	1614.777	1616.099	1617.425	1618.747	1620.072	1618.747	1617.425	1616.099	1614.777	1612.940
15	1010.803	1011.769	1012.736	1013.706	1014.673	1013.706	1012.736	1011.769	1010.803	1009.436
20	705.590	706.144	706.694	707.247	707.801	707.247	706.694	706.144	705.590	704.911
25	556.711	557.148	557.586	558.023	558.460	558.023	557.586	557.148	556.711	556.407
30	416.980	417.489	417.998	418.507	419.016	418.507	417.998	417.489	416.980	416.594
35	204.871	205.065	205.260	205.455	205.650	205.455	205.260	205.065	204.871	204.362
40	77.594	77.909	78.223	78.537	78.851	78.537	78.223	77.909	77.594	77.266
45	46.519	46.553	46.584	46.618	46.652	46.618	46.584	46.553	46.519	46.485
50	32.397	32.421	32.449	32.472	32.500	32.472	32.449	32.421	32.397	32.356
55	22.139	22.163	22.187	22.207	22.231	22.207	22.187	22.163	22.139	22.105
60	14.607	14.624	14.644	14.661	14.682	14.661	14.644	14.624	14.607	14.583
65	9.715	9.718	9.725	9.729	9.736	9.729	9.725	9.718	9.715	9.705
70	6.443	6.439	6.439	6.436	6.436	6.436	6.439	6.439	6.443	6.439
75	3.997	3.993	3.990	3.986	3.983	3.986	3.990	3.993	3.997	3.997

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.968	1.968	1.964	1.964	1.964	1.964	1.964	1.968	1.968	1.968
85	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
90	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171
95	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
100	1.968	1.968	1.964	1.964	1.964	1.964	1.964	1.968	1.968	1.968
105	3.997	3.993	3.990	3.986	3.983	3.986	3.990	3.993	3.997	3.997
110	6.443	6.439	6.439	6.436	6.436	6.436	6.439	6.439	6.443	6.439
115	9.715	9.718	9.725	9.729	9.736	9.729	9.725	9.718	9.715	9.705
120	14.607	14.624	14.644	14.661	14.682	14.661	14.644	14.624	14.607	14.583
125	22.139	22.163	22.187	22.207	22.231	22.207	22.187	22.163	22.139	22.105
130	32.397	32.421	32.449	32.472	32.500	32.472	32.449	32.421	32.397	32.356
135	46.519	46.553	46.584	46.618	46.652	46.618	46.584	46.553	46.519	46.485
140	77.594	77.909	78.223	78.537	78.851	78.537	78.223	77.909	77.594	77.266
145	204.871	205.065	205.260	205.455	205.650	205.455	205.260	205.065	204.871	204.362
150	416.980	417.489	417.998	418.507	419.016	418.507	417.998	417.489	416.980	416.594
155	556.711	557.148	557.586	558.023	558.460	558.023	557.586	557.148	556.711	556.407
160	705.590	706.144	706.694	707.247	707.801	707.247	706.694	706.144	705.590	704.911
165	1010.803	1011.769	1012.736	1013.706	1014.673	1013.706	1012.736	1011.769	1010.803	1009.436
170	1614.777	1616.099	1617.425	1618.747	1620.072	1618.747	1617.425	1616.099	1614.777	1612.940
175	2405.040	2405.207	2405.371	2405.535	2405.699	2405.535	2405.371	2405.207	2405.040	2404.941
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

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	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320	2791.320
5	2404.900	2404.862	2404.825	2404.787	2404.391	2403.995	2403.602	2403.206	2403.066	2403.182
10	1610.586	1608.236	1605.882	1603.532	1601.510	1599.487	1597.465	1595.443	1594.196	1593.728
15	1007.673	1005.914	1004.152	1002.389	1001.050	999.711	998.372	997.033	996.315	996.223
20	704.108	703.302	702.499	701.693	701.057	700.425	699.790	699.158	698.789	698.687
25	556.240	556.069	555.902	555.731	555.840	555.946	556.055	556.161	556.424	556.844
30	416.331	416.068	415.808	415.545	416.908	418.268	419.631	420.994	421.913	422.388
35	203.532	202.702	201.875	201.045	200.854	200.662	200.471	200.280	200.133	200.034
40	76.921	76.580	76.235	75.893	75.237	74.581	73.929	73.273	72.815	72.556
45	46.447	46.413	46.376	46.341	46.208	46.075	45.942	45.808	45.713	45.655
50	32.298	32.240	32.182	32.124	32.028	31.933	31.834	31.738	31.670	31.629
55	22.054	22.006	21.955	21.907	21.838	21.774	21.705	21.640	21.592	21.569
60	14.552	14.521	14.494	14.463	14.419	14.374	14.330	14.286	14.258	14.241
65	9.691	9.681	9.667	9.654	9.626	9.599	9.572	9.544	9.527	9.524
70	6.436	6.432	6.425	6.422	6.408	6.398	6.384	6.374	6.367	6.364
75	3.993	3.990	3.990	3.986	3.983	3.980	3.976	3.973	3.973	3.976
80	1.964	1.964	1.961	1.957	1.954	1.947	1.944	1.940	1.937	1.937
85	0.413	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
90	0.171	0.164	0.164	0.164	0.164	0.164	0.157	0.157	0.157	0.157
95	0.413	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
100	1.964	1.964	1.961	1.957	1.954	1.947	1.944	1.940	1.937	1.937
105	3.993	3.990	3.990	3.986	3.983	3.980	3.976	3.973	3.973	3.976
110	6.436	6.432	6.425	6.422	6.408	6.398	6.384	6.374	6.367	6.364
115	9.691	9.681	9.667	9.654	9.626	9.599	9.572	9.544	9.527	9.524
120	14.552	14.521	14.494	14.463	14.419	14.374	14.330	14.286	14.258	14.241
125	22.054	22.006	21.955	21.907	21.838	21.774	21.705	21.640	21.592	21.569
130	32.298	32.240	32.182	32.124	32.028	31.933	31.834	31.738	31.670	31.629
135	46.447	46.413	46.376	46.341	46.208	46.075	45.942	45.808	45.713	45.655
140	76.921	76.580	76.235	75.893	75.237	74.581	73.929	73.273	72.815	72.556
145	203.532	202.702	201.875	201.045	200.854	200.662	200.471	200.280	200.133	200.034
150	416.331	416.068	415.808	415.545	416.908	418.268	419.631	420.994	421.913	422.388

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	556.240	556.069	555.902	555.731	555.840	555.946	556.055	556.161	556.424	556.844
160	704.108	703.302	702.499	701.693	701.057	700.425	699.790	699.158	698.789	698.687
165	1007.673	1005.914	1004.152	1002.389	1001.050	999.711	998.372	997.033	996.315	996.223
170	1610.586	1608.236	1605.882	1603.532	1601.510	1599.487	1597.465	1595.443	1594.196	1593.728
175	2404.903	2404.862	2404.825	2404.787	2404.391	2403.998	2403.602	2403.206	2403.066	2403.185
180	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208	2791.208

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	2791.320	2791.320	2791.320
5	2403.301	2403.417	2403.534
10	1593.260	1592.789	1592.321
15	996.127	996.035	995.940
20	698.588	698.485	698.383
25	557.261	557.681	558.098
30	422.866	423.341	423.819
35	199.935	199.832	199.733
40	72.293	72.033	71.773
45	45.597	45.539	45.481
50	31.584	31.543	31.502
55	21.545	21.521	21.497
60	14.224	14.207	14.190
65	9.520	9.514	9.510
70	6.364	6.361	6.361
75	3.980	3.980	3.983
80	1.933	1.933	1.933
85	0.417	0.417	0.417
90	0.150	0.150	0.150
95	0.417	0.417	0.417
100	1.933	1.933	1.933
105	3.980	3.980	3.983
110	6.364	6.361	6.361
115	9.520	9.514	9.510
120	14.224	14.207	14.190
125	21.545	21.521	21.497
130	31.584	31.543	31.502
135	45.597	45.539	45.481
140	72.293	72.033	71.773
145	199.935	199.832	199.733
150	422.866	423.341	423.819
155	557.261	557.681	558.098
160	698.588	698.485	698.383
165	996.127	996.035	995.940
170	1593.260	1592.789	1592.321
175	2403.301	2403.417	2403.534
180	2791.208	2791.208	2791.208

COEFFICIENTS OF UTILIZATION



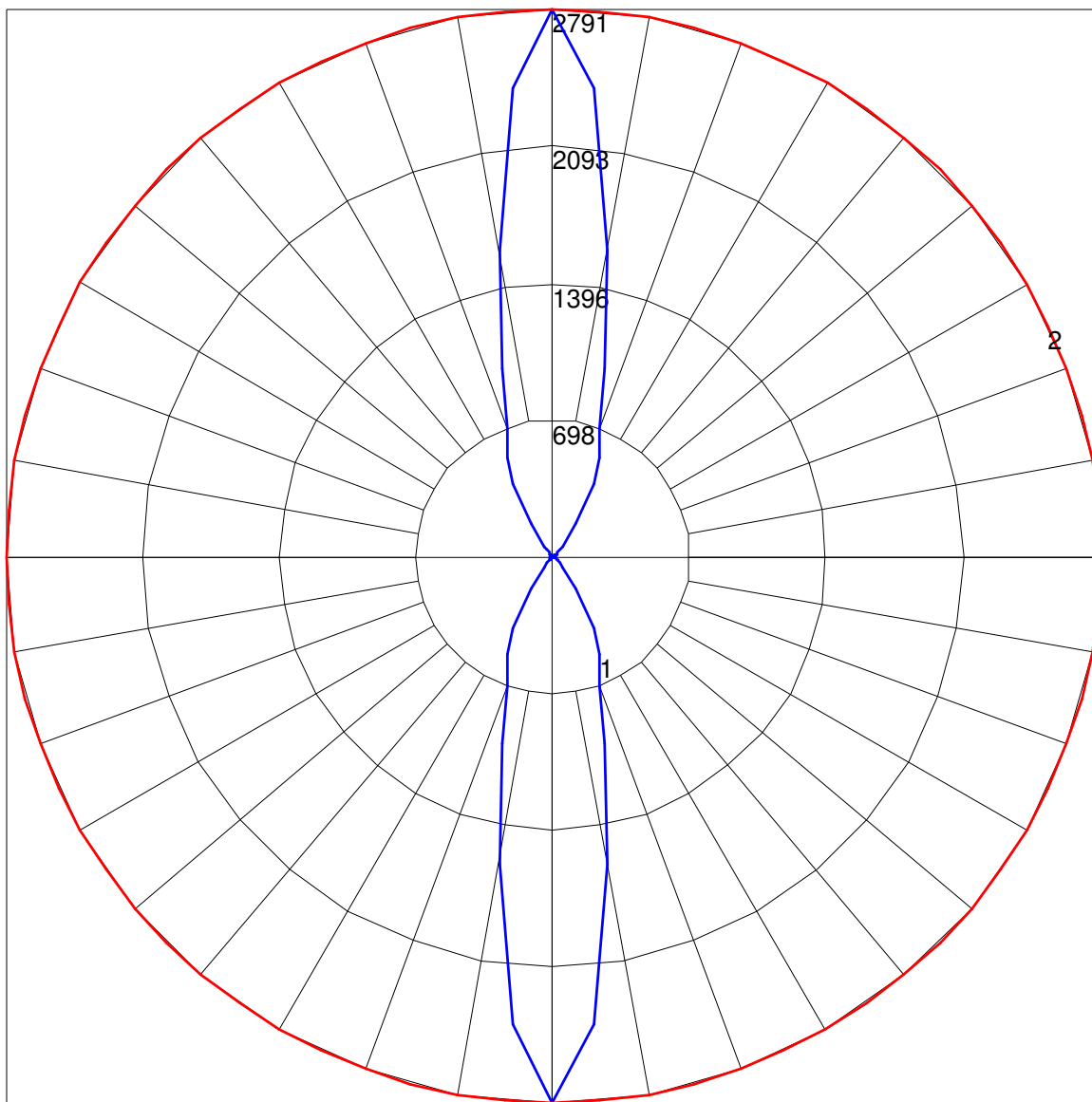
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	483.8	25.0
Downward House Side	483.8	25.0
Downward Total	967.6	50.0
Upward Street Side	483.8	25.0
Upward House Side	483.8	25.0
Upward Total	967.6	50.0
Total Flux	1935.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-840U-L10-840D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 2791.32 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

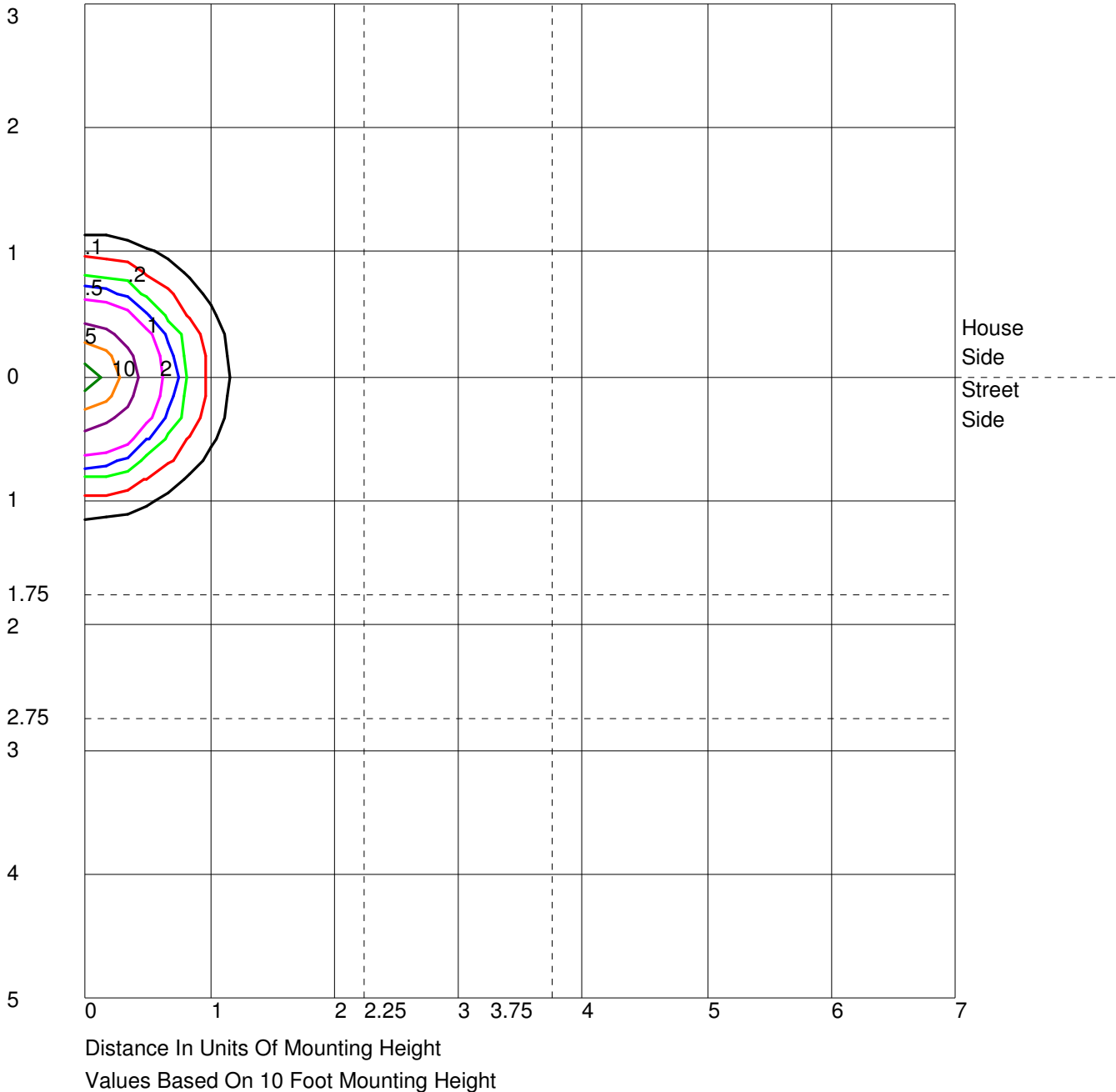


PHOTO LUMENS

