

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-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-L10-827U-L10-827D-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	1878
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2708.41
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2708.41
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.166 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.909 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	366.9	N.A.	19.5
FM - Front-Medium (30-60)	95.2	N.A.	5.1
FH - Front-High (60-80)	6.9	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	366.9	N.A.	19.5
BM - Back-Medium (30-60)	95.2	N.A.	5.1
BH - Back-High (60-80)	6.9	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)	938.0	N.A.	50.0
Total	1877.6	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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2332.142	2332.029	2331.916	2331.800	2331.687	2331.823	2332.208	2332.589	2332.974	2333.358
10	1545.024	1545.478	1545.936	1546.390	1546.844	1548.054	1550.016	1551.978	1553.940	1555.902
15	966.357	966.450	966.540	966.632	966.722	967.418	968.717	970.016	971.316	972.615
20	677.639	677.738	677.838	677.934	678.033	678.391	679.004	679.621	680.234	680.850
25	541.521	541.117	540.709	540.305	539.897	539.642	539.539	539.433	539.330	539.224
30	411.230	410.766	410.305	409.841	409.381	408.489	407.167	405.844	404.525	403.202
35	193.800	193.897	193.996	194.092	194.188	194.331	194.516	194.702	194.888	195.073
40	69.642	69.893	70.145	70.401	70.652	71.097	71.733	72.366	73.002	73.639
45	44.130	44.186	44.242	44.299	44.355	44.448	44.577	44.706	44.836	44.965
50	30.567	30.606	30.646	30.689	30.729	30.795	30.888	30.984	31.077	31.170
55	20.858	20.882	20.905	20.928	20.951	20.998	21.061	21.127	21.190	21.256
60	13.769	13.785	13.802	13.818	13.835	13.861	13.904	13.948	13.991	14.034
65	9.228	9.231	9.238	9.241	9.244	9.261	9.287	9.314	9.340	9.367
70	6.172	6.172	6.175	6.175	6.178	6.185	6.195	6.208	6.218	6.231
75	3.865	3.861	3.861	3.858	3.855	3.855	3.858	3.861	3.865	3.868
80	1.876	1.876	1.876	1.879	1.879	1.883	1.886	1.889	1.896	1.899
85	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
90	0.146	0.146	0.146	0.152	0.152	0.152	0.152	0.159	0.159	0.159
95	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
100	1.876	1.876	1.876	1.879	1.879	1.883	1.886	1.889	1.896	1.899
105	3.865	3.861	3.861	3.858	3.855	3.855	3.858	3.861	3.865	3.868
110	6.172	6.172	6.175	6.175	6.178	6.185	6.195	6.208	6.218	6.231
115	9.228	9.231	9.238	9.241	9.244	9.261	9.287	9.314	9.340	9.367
120	13.769	13.785	13.802	13.818	13.835	13.861	13.904	13.948	13.991	14.034
125	20.858	20.882	20.905	20.928	20.951	20.998	21.061	21.127	21.190	21.256
130	30.567	30.606	30.646	30.689	30.729	30.795	30.888	30.984	31.077	31.170
135	44.130	44.186	44.242	44.299	44.355	44.448	44.577	44.706	44.836	44.965
140	69.642	69.893	70.145	70.401	70.652	71.097	71.733	72.366	73.002	73.639
145	193.800	193.897	193.996	194.092	194.188	194.331	194.516	194.702	194.888	195.073
150	411.230	410.766	410.305	409.841	409.381	408.489	407.167	405.844	404.525	403.202
155	541.521	541.117	540.709	540.305	539.897	539.642	539.539	539.433	539.330	539.224
160	677.639	677.738	677.838	677.934	678.033	678.391	679.004	679.621	680.234	680.850
165	966.357	966.450	966.540	966.632	966.722	967.418	968.717	970.016	971.316	972.615
170	1545.024	1545.478	1545.936	1546.390	1546.844	1548.054	1550.016	1551.978	1553.940	1555.902
175	2332.142	2332.029	2331.916	2331.804	2331.687	2331.823	2332.208	2332.592	2332.974	2333.358
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2333.394	2333.431	2333.467	2333.504	2333.603	2333.762	2333.925	2334.084	2334.243	2334.084
10	1558.183	1560.466	1562.747	1565.031	1566.814	1568.097	1569.383	1570.665	1571.951	1570.665
15	974.325	976.036	977.743	979.453	980.779	981.717	982.655	983.596	984.534	983.596
20	681.633	682.412	683.194	683.973	684.632	685.169	685.703	686.240	686.777	686.240
25	539.390	539.552	539.718	539.880	540.175	540.599	541.024	541.448	541.872	541.448
30	403.458	403.709	403.965	404.220	404.594	405.088	405.582	406.076	406.570	406.076
35	195.879	196.681	197.486	198.292	198.785	198.974	199.163	199.352	199.541	199.352
40	73.970	74.305	74.637	74.971	75.290	75.594	75.899	76.204	76.509	76.204
45	44.998	45.034	45.068	45.104	45.137	45.170	45.200	45.233	45.267	45.233
50	31.226	31.283	31.339	31.395	31.435	31.458	31.485	31.508	31.534	31.508
55	21.302	21.352	21.399	21.448	21.481	21.505	21.528	21.548	21.571	21.548

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## CANDELA TABULATION - (Cont.)

60	14.064	14.090	14.120	14.150	14.173	14.189	14.209	14.226	14.246	14.226
65	9.380	9.393	9.403	9.417	9.427	9.430	9.436	9.440	9.446	9.440
70	6.235	6.241	6.245	6.248	6.251	6.248	6.248	6.245	6.245	6.245
75	3.871	3.871	3.875	3.878	3.878	3.875	3.871	3.868	3.865	3.868
80	1.903	1.906	1.906	1.909	1.909	1.909	1.906	1.906	1.906	1.906
85	0.404	0.404	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
90	0.159	0.159	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
95	0.404	0.404	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
100	1.903	1.906	1.906	1.909	1.909	1.909	1.906	1.906	1.906	1.906
105	3.871	3.871	3.875	3.878	3.878	3.875	3.871	3.868	3.865	3.868
110	6.235	6.241	6.245	6.248	6.251	6.248	6.248	6.245	6.245	6.245
115	9.380	9.393	9.403	9.417	9.427	9.430	9.436	9.440	9.446	9.440
120	14.064	14.090	14.120	14.150	14.173	14.189	14.209	14.226	14.246	14.226
125	21.302	21.352	21.399	21.448	21.481	21.505	21.528	21.548	21.571	21.548
130	31.226	31.283	31.339	31.395	31.435	31.458	31.485	31.508	31.534	31.508
135	44.998	45.034	45.068	45.104	45.137	45.170	45.200	45.233	45.267	45.233
140	73.970	74.305	74.637	74.971	75.290	75.594	75.899	76.204	76.509	76.204
145	195.879	196.681	197.486	198.292	198.785	198.974	199.163	199.352	199.541	199.352
150	403.458	403.709	403.965	404.220	404.594	405.088	405.582	406.076	406.570	406.076
155	539.390	539.552	539.718	539.880	540.175	540.599	541.024	541.448	541.872	541.448
160	681.633	682.412	683.194	683.973	684.632	685.169	685.703	686.240	686.777	686.240
165	974.325	976.036	977.743	979.453	980.779	981.717	982.655	983.596	984.534	983.596
170	1558.183	1560.466	1562.747	1565.031	1566.814	1568.097	1569.383	1570.665	1571.951	1570.665
175	2333.394	2333.431	2333.471	2333.507	2333.603	2333.766	2333.925	2334.084	2334.243	2334.084
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## 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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2333.925	2333.762	2333.603	2333.504	2333.467	2333.431	2333.394	2333.358	2332.974	2332.589
10	1569.383	1568.097	1566.814	1565.031	1562.747	1560.466	1558.183	1555.902	1553.940	1551.978
15	982.655	981.717	980.779	979.453	977.743	976.036	974.325	972.615	971.316	970.016
20	685.703	685.169	684.632	683.973	683.194	682.412	681.633	680.850	680.234	679.621
25	541.024	540.599	540.175	539.880	539.718	539.552	539.390	539.224	539.330	539.433
30	405.582	405.088	404.594	404.220	403.965	403.709	403.458	403.202	404.525	405.844
35	199.163	198.974	198.785	198.292	197.486	196.681	195.879	195.073	194.888	194.702
40	75.899	75.594	75.290	74.971	74.637	74.305	73.970	73.639	73.002	72.366
45	45.200	45.170	45.137	45.104	45.068	45.034	44.998	44.965	44.836	44.706
50	31.485	31.458	31.435	31.395	31.339	31.283	31.226	31.170	31.077	30.984
55	21.528	21.505	21.481	21.448	21.399	21.352	21.302	21.256	21.190	21.127
60	14.209	14.189	14.173	14.150	14.120	14.090	14.064	14.034	13.991	13.948
65	9.436	9.430	9.427	9.417	9.403	9.393	9.380	9.367	9.340	9.314
70	6.248	6.248	6.251	6.248	6.245	6.241	6.235	6.231	6.218	6.208
75	3.871	3.875	3.878	3.878	3.875	3.871	3.871	3.868	3.865	3.861
80	1.906	1.909	1.909	1.909	1.906	1.906	1.903	1.899	1.896	1.889
85	0.401	0.401	0.401	0.401	0.401	0.404	0.404	0.404	0.404	0.404
90	0.166	0.166	0.166	0.166	0.166	0.159	0.159	0.159	0.159	0.159
95	0.401	0.401	0.401	0.401	0.401	0.404	0.404	0.404	0.404	0.404
100	1.906	1.909	1.909	1.909	1.906	1.906	1.903	1.899	1.896	1.889
105	3.871	3.875	3.878	3.878	3.875	3.871	3.871	3.868	3.865	3.861
110	6.248	6.248	6.251	6.248	6.245	6.241	6.235	6.231	6.218	6.208
115	9.436	9.430	9.427	9.417	9.403	9.393	9.380	9.367	9.340	9.314
120	14.209	14.189	14.173	14.150	14.120	14.090	14.064	14.034	13.991	13.948
125	21.528	21.505	21.481	21.448	21.399	21.352	21.302	21.256	21.190	21.127
130	31.485	31.458	31.435	31.395	31.339	31.283	31.226	31.170	31.077	30.984

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## CANDELA TABULATION - (Cont.)

135	45.200	45.170	45.137	45.104	45.068	45.034	44.998	44.965	44.836	44.706
140	75.899	75.594	75.290	74.971	74.637	74.305	73.970	73.639	73.002	72.366
145	199.163	198.974	198.785	198.292	197.486	196.681	195.879	195.073	194.888	194.702
150	405.582	405.088	404.594	404.220	403.965	403.709	403.458	403.202	404.525	405.844
155	541.024	540.599	540.175	539.880	539.718	539.552	539.390	539.224	539.330	539.433
160	685.703	685.169	684.632	683.973	683.194	682.412	681.633	680.850	680.234	679.621
165	982.655	981.717	980.779	979.453	977.743	976.036	974.325	972.615	971.316	970.016
170	1569.383	1568.097	1566.814	1565.031	1562.747	1560.466	1558.183	1555.902	1553.940	1551.978
175	2333.925	2333.766	2333.603	2333.507	2333.471	2333.431	2333.394	2333.358	2332.974	2332.592
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## 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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2332.208	2331.823	2331.687	2331.800	2331.916	2332.029	2332.142	2332.029	2331.916	2331.800
10	1550.016	1548.054	1546.844	1546.390	1545.936	1545.478	1545.024	1545.478	1545.936	1546.390
15	968.717	967.418	966.722	966.632	966.540	966.450	966.357	966.450	966.540	966.632
20	679.004	678.391	678.033	677.934	677.838	677.738	677.639	677.738	677.838	677.934
25	539.539	539.642	539.897	540.305	540.709	541.117	541.521	541.117	540.709	540.305
30	407.167	408.489	409.381	409.841	410.305	410.766	411.230	410.766	410.305	409.841
35	194.516	194.331	194.188	194.092	193.996	193.897	193.800	193.897	193.996	194.092
40	71.733	71.097	70.652	70.401	70.145	69.893	69.642	69.893	70.145	70.401
45	44.577	44.448	44.355	44.299	44.242	44.186	44.130	44.186	44.242	44.299
50	30.888	30.795	30.729	30.689	30.646	30.606	30.567	30.606	30.646	30.689
55	21.061	20.998	20.951	20.928	20.905	20.882	20.858	20.882	20.905	20.928
60	13.904	13.861	13.835	13.818	13.802	13.785	13.769	13.785	13.802	13.818
65	9.287	9.261	9.244	9.241	9.238	9.231	9.228	9.231	9.238	9.241
70	6.195	6.185	6.178	6.175	6.175	6.172	6.172	6.172	6.175	6.175
75	3.858	3.855	3.855	3.858	3.861	3.861	3.865	3.861	3.861	3.858
80	1.886	1.883	1.879	1.879	1.876	1.876	1.876	1.876	1.876	1.879
85	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
90	0.152	0.152	0.152	0.152	0.146	0.146	0.146	0.146	0.146	0.152
95	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
100	1.886	1.883	1.879	1.879	1.876	1.876	1.876	1.876	1.876	1.879
105	3.858	3.855	3.855	3.858	3.861	3.861	3.865	3.861	3.861	3.858
110	6.195	6.185	6.178	6.175	6.175	6.172	6.172	6.172	6.175	6.175
115	9.287	9.261	9.244	9.241	9.238	9.231	9.228	9.231	9.238	9.241
120	13.904	13.861	13.835	13.818	13.802	13.785	13.769	13.785	13.802	13.818
125	21.061	20.998	20.951	20.928	20.905	20.882	20.858	20.882	20.905	20.928
130	30.888	30.795	30.729	30.689	30.646	30.606	30.567	30.606	30.646	30.689
135	44.577	44.448	44.355	44.299	44.242	44.186	44.130	44.186	44.242	44.299
140	71.733	71.097	70.652	70.401	70.145	69.893	69.642	69.893	70.145	70.401
145	194.516	194.331	194.188	194.092	193.996	193.897	193.800	193.897	193.996	194.092
150	407.167	408.489	409.381	409.841	410.305	410.766	411.230	410.766	410.305	409.841
155	539.539	539.642	539.897	540.305	540.709	541.117	541.521	541.117	540.709	540.305
160	679.004	678.391	678.033	677.934	677.838	677.738	677.639	677.738	677.838	677.934
165	968.717	967.418	966.722	966.632	966.540	966.450	966.357	966.450	966.540	966.632
170	1550.016	1548.054	1546.844	1546.390	1545.936	1545.478	1545.024	1545.478	1545.936	1546.390
175	2332.208	2331.823	2331.687	2331.804	2331.916	2332.029	2332.142	2332.029	2331.916	2331.804
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## 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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	2331.687	2331.823	2332.208	2332.589	2332.974	2333.358	2333.394	2333.431	2333.467	2333.504
10	1546.844	1548.054	1550.016	1551.978	1553.940	1555.902	1558.183	1560.466	1562.747	1565.031
15	966.722	967.418	968.717	970.016	971.316	972.615	974.325	976.036	977.743	979.453
20	678.033	678.391	679.004	679.621	680.234	680.850	681.633	682.412	683.194	683.973
25	539.897	539.642	539.539	539.433	539.330	539.224	539.390	539.552	539.718	539.880
30	409.381	408.489	407.167	405.844	404.525	403.202	403.458	403.709	403.965	404.220
35	194.188	194.331	194.516	194.702	194.888	195.073	195.879	196.681	197.486	198.292
40	70.652	71.097	71.733	72.366	73.002	73.639	73.970	74.305	74.637	74.971
45	44.355	44.448	44.577	44.706	44.836	44.965	44.998	45.034	45.068	45.104
50	30.729	30.795	30.888	30.984	31.077	31.170	31.226	31.283	31.339	31.395
55	20.951	20.998	21.061	21.127	21.190	21.256	21.302	21.352	21.399	21.448
60	13.835	13.861	13.904	13.948	13.991	14.034	14.064	14.090	14.120	14.150
65	9.244	9.261	9.287	9.314	9.340	9.367	9.380	9.393	9.403	9.417
70	6.178	6.185	6.195	6.208	6.218	6.231	6.235	6.241	6.245	6.248
75	3.855	3.855	3.858	3.861	3.865	3.868	3.871	3.871	3.875	3.878
80	1.879	1.883	1.886	1.889	1.896	1.899	1.903	1.906	1.906	1.909
85	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.401	0.401
90	0.152	0.152	0.152	0.159	0.159	0.159	0.159	0.159	0.166	0.166
95	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.401	0.401
100	1.879	1.883	1.886	1.889	1.896	1.899	1.903	1.906	1.906	1.909
105	3.855	3.855	3.858	3.861	3.865	3.868	3.871	3.871	3.875	3.878
110	6.178	6.185	6.195	6.208	6.218	6.231	6.235	6.241	6.245	6.248
115	9.244	9.261	9.287	9.314	9.340	9.367	9.380	9.393	9.403	9.417
120	13.835	13.861	13.904	13.948	13.991	14.034	14.064	14.090	14.120	14.150
125	20.951	20.998	21.061	21.127	21.190	21.256	21.302	21.352	21.399	21.448
130	30.729	30.795	30.888	30.984	31.077	31.170	31.226	31.283	31.339	31.395
135	44.355	44.448	44.577	44.706	44.836	44.965	44.998	45.034	45.068	45.104
140	70.652	71.097	71.733	72.366	73.002	73.639	73.970	74.305	74.637	74.971
145	194.188	194.331	194.516	194.702	194.888	195.073	195.879	196.681	197.486	198.292
150	409.381	408.489	407.167	405.844	404.525	403.202	403.458	403.709	403.965	404.220
155	539.897	539.642	539.539	539.433	539.330	539.224	539.390	539.552	539.718	539.880
160	678.033	678.391	679.004	679.621	680.234	680.850	681.633	682.412	683.194	683.973
165	966.722	967.418	968.717	970.016	971.316	972.615	974.325	976.036	977.743	979.453
170	1546.844	1548.054	1550.016	1551.978	1553.940	1555.902	1558.183	1560.466	1562.747	1565.031
175	2331.687	2331.823	2332.208	2332.592	2332.974	2333.358	2333.394	2333.431	2333.471	2333.507
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## 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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2333.603	2333.762	2333.925	2334.084	2334.243	2334.084	2333.925	2333.762	2333.603	2333.504
10	1566.814	1568.097	1569.383	1570.665	1571.951	1570.665	1569.383	1568.097	1566.814	1565.031
15	980.779	981.717	982.655	983.596	984.534	983.596	982.655	981.717	980.779	979.453
20	684.632	685.169	685.703	686.240	686.777	686.240	685.703	685.169	684.632	683.973
25	540.175	540.599	541.024	541.448	541.872	541.448	541.024	540.599	540.175	539.880
30	404.594	405.088	405.582	406.076	406.570	406.076	405.582	405.088	404.594	404.220
35	198.785	198.974	199.163	199.352	199.541	199.352	199.163	198.974	198.785	198.292
40	75.290	75.594	75.899	76.204	76.509	76.204	75.899	75.594	75.290	74.971
45	45.137	45.170	45.200	45.233	45.267	45.233	45.200	45.170	45.137	45.104
50	31.435	31.458	31.485	31.508	31.534	31.508	31.485	31.458	31.435	31.395
55	21.481	21.505	21.528	21.548	21.571	21.548	21.528	21.505	21.481	21.448
60	14.173	14.189	14.209	14.226	14.246	14.226	14.209	14.189	14.173	14.150
65	9.427	9.430	9.436	9.440	9.446	9.440	9.436	9.430	9.427	9.417
70	6.251	6.248	6.248	6.245	6.245	6.245	6.248	6.248	6.251	6.248
75	3.878	3.875	3.871	3.868	3.865	3.868	3.871	3.875	3.878	3.878

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	1.909	1.909	1.906	1.906	1.906	1.906	1.906	1.909	1.909	1.909
85	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
90	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
95	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
100	1.909	1.909	1.906	1.906	1.906	1.906	1.906	1.909	1.909	1.909
105	3.878	3.875	3.871	3.868	3.865	3.868	3.871	3.875	3.878	3.878
110	6.251	6.248	6.248	6.245	6.245	6.245	6.248	6.248	6.251	6.248
115	9.427	9.430	9.436	9.440	9.446	9.440	9.436	9.430	9.427	9.417
120	14.173	14.189	14.209	14.226	14.246	14.226	14.209	14.189	14.173	14.150
125	21.481	21.505	21.528	21.548	21.571	21.548	21.528	21.505	21.481	21.448
130	31.435	31.458	31.485	31.508	31.534	31.508	31.485	31.458	31.435	31.395
135	45.137	45.170	45.200	45.233	45.267	45.233	45.200	45.170	45.137	45.104
140	75.290	75.594	75.899	76.204	76.509	76.204	75.899	75.594	75.290	74.971
145	198.785	198.974	199.163	199.352	199.541	199.352	199.163	198.974	198.785	198.292
150	404.594	405.088	405.582	406.076	406.570	406.076	405.582	405.088	404.594	404.220
155	540.175	540.599	541.024	541.448	541.872	541.448	541.024	540.599	540.175	539.880
160	684.632	685.169	685.703	686.240	686.777	686.240	685.703	685.169	684.632	683.973
165	980.779	981.717	982.655	983.596	984.534	983.596	982.655	981.717	980.779	979.453
170	1566.814	1568.097	1569.383	1570.665	1571.951	1570.665	1569.383	1568.097	1566.814	1565.031
175	2333.603	2333.766	2333.925	2334.084	2334.243	2334.084	2333.925	2333.766	2333.603	2333.507
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## 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	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410	2708.410
5	2333.467	2333.431	2333.394	2333.358	2332.974	2332.589	2332.208	2331.823	2331.687	2331.800
10	1562.747	1560.466	1558.183	1555.902	1553.940	1551.978	1550.016	1548.054	1546.844	1546.390
15	977.743	976.036	974.325	972.615	971.316	970.016	968.717	967.418	966.722	966.632
20	683.194	682.412	681.633	680.850	680.234	679.621	679.004	678.391	678.033	677.934
25	539.718	539.552	539.390	539.224	539.330	539.433	539.539	539.642	539.897	540.305
30	403.965	403.709	403.458	403.202	404.525	405.844	407.167	408.489	409.381	409.841
35	197.486	196.681	195.879	195.073	194.888	194.702	194.516	194.331	194.188	194.092
40	74.637	74.305	73.970	73.639	73.002	72.366	71.733	71.097	70.652	70.401
45	45.068	45.034	44.998	44.965	44.836	44.706	44.577	44.448	44.355	44.299
50	31.339	31.283	31.226	31.170	31.077	30.984	30.888	30.795	30.729	30.689
55	21.399	21.352	21.302	21.256	21.190	21.127	21.061	20.998	20.951	20.928
60	14.120	14.090	14.064	14.034	13.991	13.948	13.904	13.861	13.835	13.818
65	9.403	9.393	9.380	9.367	9.340	9.314	9.287	9.261	9.244	9.241
70	6.245	6.241	6.235	6.231	6.218	6.208	6.195	6.185	6.178	6.175
75	3.875	3.871	3.871	3.868	3.865	3.861	3.858	3.855	3.855	3.858
80	1.906	1.906	1.903	1.899	1.896	1.889	1.886	1.883	1.879	1.879
85	0.401	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
90	0.166	0.159	0.159	0.159	0.159	0.159	0.152	0.152	0.152	0.152
95	0.401	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
100	1.906	1.906	1.903	1.899	1.896	1.889	1.886	1.883	1.879	1.879
105	3.875	3.871	3.871	3.868	3.865	3.861	3.858	3.855	3.855	3.858
110	6.245	6.241	6.235	6.231	6.218	6.208	6.195	6.185	6.178	6.175
115	9.403	9.393	9.380	9.367	9.340	9.314	9.287	9.261	9.244	9.241
120	14.120	14.090	14.064	14.034	13.991	13.948	13.904	13.861	13.835	13.818
125	21.399	21.352	21.302	21.256	21.190	21.127	21.061	20.998	20.951	20.928
130	31.339	31.283	31.226	31.170	31.077	30.984	30.888	30.795	30.729	30.689
135	45.068	45.034	44.998	44.965	44.836	44.706	44.577	44.448	44.355	44.299
140	74.637	74.305	73.970	73.639	73.002	72.366	71.733	71.097	70.652	70.401
145	197.486	196.681	195.879	195.073	194.888	194.702	194.516	194.331	194.188	194.092
150	403.965	403.709	403.458	403.202	404.525	405.844	407.167	408.489	409.381	409.841

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	539.718	539.552	539.390	539.224	539.330	539.433	539.539	539.642	539.897	540.305
160	683.194	682.412	681.633	680.850	680.234	679.621	679.004	678.391	678.033	677.934
165	977.743	976.036	974.325	972.615	971.316	970.016	968.717	967.418	966.722	966.632
170	1562.747	1560.466	1558.183	1555.902	1553.940	1551.978	1550.016	1548.054	1546.844	1546.390
175	2333.471	2333.431	2333.394	2333.358	2332.974	2332.592	2332.208	2331.823	2331.687	2331.804
180	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301	2708.301

## Vert. Horizontal Angles

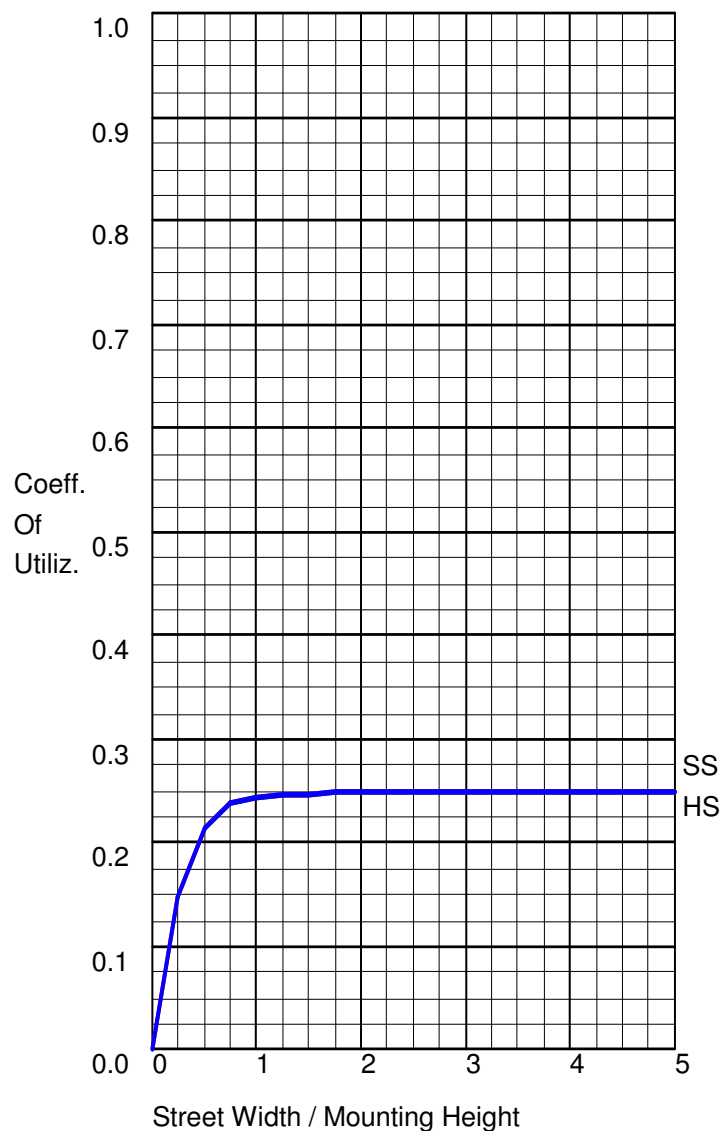
	<u>350</u>	<u>355</u>	<u>360</u>
0	2708.410	2708.410	2708.410
5	2331.916	2332.029	2332.142
10	1545.936	1545.478	1545.024
15	966.540	966.450	966.357
20	677.838	677.738	677.639
25	540.709	541.117	541.521
30	410.305	410.766	411.230
35	193.996	193.897	193.800
40	70.145	69.893	69.642
45	44.242	44.186	44.130
50	30.646	30.606	30.567
55	20.905	20.882	20.858
60	13.802	13.785	13.769
65	9.238	9.231	9.228
70	6.175	6.172	6.172
75	3.861	3.861	3.865
80	1.876	1.876	1.876
85	0.404	0.404	0.404
90	0.146	0.146	0.146
95	0.404	0.404	0.404
100	1.876	1.876	1.876
105	3.861	3.861	3.865
110	6.175	6.172	6.172
115	9.238	9.231	9.228
120	13.802	13.785	13.769
125	20.905	20.882	20.858
130	30.646	30.606	30.567
135	44.242	44.186	44.130
140	70.145	69.893	69.642
145	193.996	193.897	193.800
150	410.305	410.766	411.230
155	540.709	541.117	541.521
160	677.838	677.738	677.639
165	966.540	966.450	966.357
170	1545.936	1545.478	1545.024
175	2331.916	2332.029	2332.142
180	2708.301	2708.301	2708.301



## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_.IES

### COEFFICIENTS OF UTILIZATION



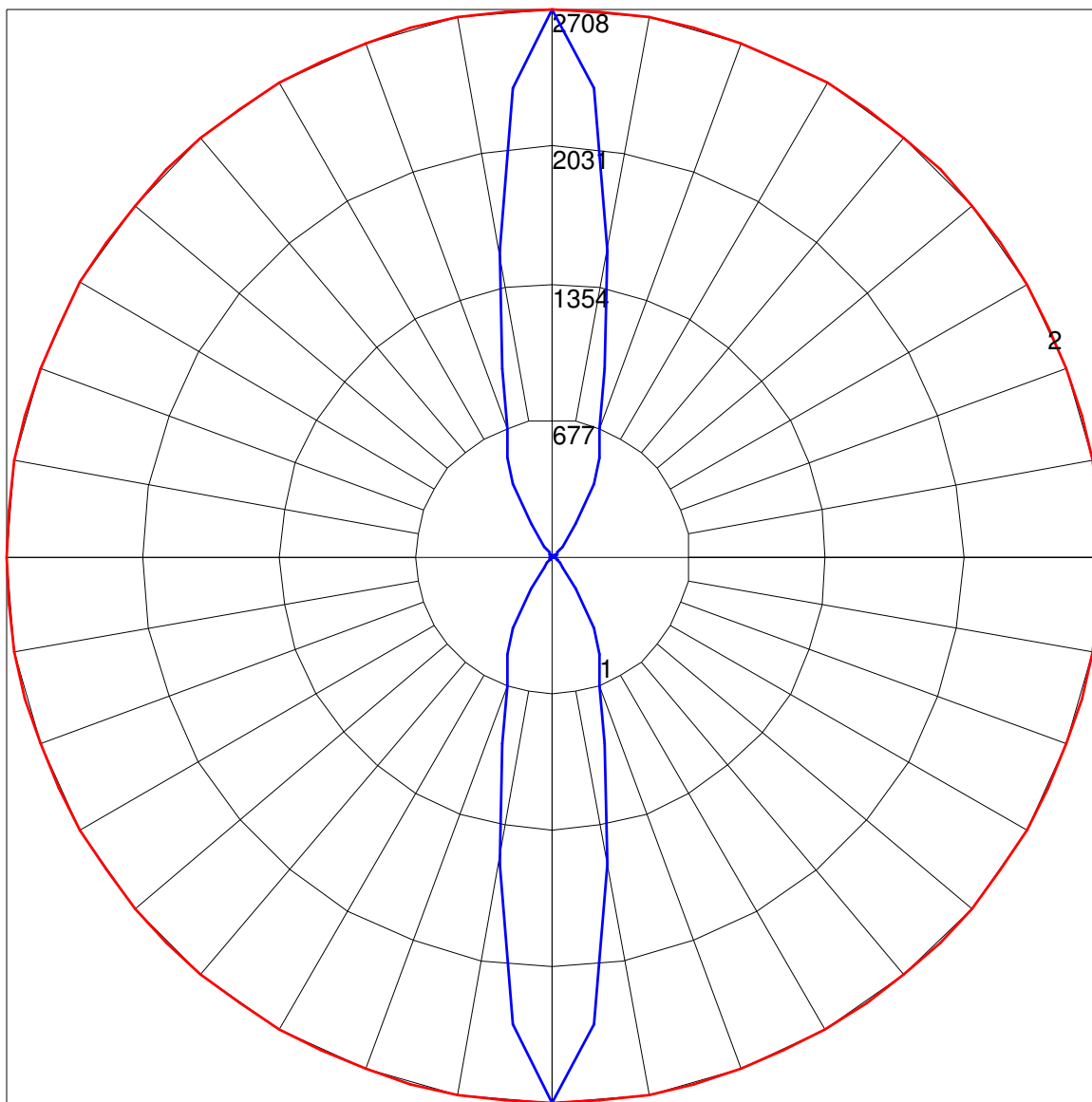
### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	469.4	25.0
Downward House Side	469.4	25.0
Downward Total	938.8	50.0
Upward Street Side	469.4	25.0
Upward House Side	469.4	25.0
Upward Total	938.8	50.0
Total Flux	1877.6	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH



Maximum Candela = 2708.41 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

