

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-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-L10-830U-L10-830D-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	1916
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2763.684
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2763.684
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.169 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.948 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	374.4	N.A.	19.5
FM - Front-Medium (30-60)	97.1	N.A.	5.1
FH - Front-High (60-80)	7.0	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	374.4	N.A.	19.5
BM - Back-Medium (30-60)	97.1	N.A.	5.1
BH - Back-High (60-80)	7.0	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)	957.1	N.A.	50.0
Total	1915.7	N.A.	100.0
BUG Rating	B1-U4-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2379.736	2379.621	2379.506	2379.388	2379.273	2379.411	2379.804	2380.193	2380.585	2380.977
10	1576.555	1577.018	1577.485	1577.949	1578.412	1579.646	1581.649	1583.651	1585.653	1587.655
15	986.079	986.173	986.265	986.359	986.451	987.161	988.487	989.813	991.138	992.464
20	691.468	691.569	691.671	691.769	691.870	692.236	692.861	693.491	694.116	694.745
25	552.572	552.160	551.744	551.331	550.915	550.655	550.550	550.442	550.337	550.229
30	419.623	419.149	418.679	418.205	417.735	416.826	415.476	414.127	412.780	411.431
35	197.756	197.854	197.955	198.053	198.151	198.297	198.486	198.675	198.865	199.054
40	71.063	71.320	71.577	71.837	72.094	72.548	73.197	73.843	74.492	75.142
45	45.030	45.088	45.145	45.203	45.260	45.355	45.487	45.619	45.751	45.883
50	31.190	31.231	31.272	31.316	31.356	31.424	31.518	31.617	31.711	31.806
55	21.284	21.308	21.331	21.355	21.379	21.426	21.490	21.558	21.622	21.690
60	14.050	14.066	14.083	14.100	14.117	14.144	14.188	14.232	14.276	14.320
65	9.416	9.419	9.426	9.429	9.433	9.450	9.477	9.504	9.531	9.558
70	6.298	6.298	6.301	6.301	6.304	6.311	6.321	6.335	6.345	6.358
75	3.944	3.940	3.940	3.937	3.933	3.933	3.937	3.940	3.944	3.947
80	1.914	1.914	1.914	1.918	1.918	1.921	1.924	1.928	1.935	1.938
85	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
90	0.149	0.149	0.149	0.156	0.156	0.156	0.156	0.162	0.162	0.162
95	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
100	1.914	1.914	1.914	1.918	1.918	1.921	1.924	1.928	1.935	1.938
105	3.944	3.940	3.940	3.937	3.933	3.933	3.937	3.940	3.944	3.947
110	6.298	6.298	6.301	6.301	6.304	6.311	6.321	6.335	6.345	6.358
115	9.416	9.419	9.426	9.429	9.433	9.450	9.477	9.504	9.531	9.558
120	14.050	14.066	14.083	14.100	14.117	14.144	14.188	14.232	14.276	14.320
125	21.284	21.308	21.331	21.355	21.379	21.426	21.490	21.558	21.622	21.690
130	31.190	31.231	31.272	31.316	31.356	31.424	31.518	31.617	31.711	31.806
135	45.030	45.088	45.145	45.203	45.260	45.355	45.487	45.619	45.751	45.883
140	71.063	71.320	71.577	71.837	72.094	72.548	73.197	73.843	74.492	75.142
145	197.756	197.854	197.955	198.053	198.151	198.297	198.486	198.675	198.865	199.054
150	419.623	419.149	418.679	418.205	417.735	416.826	415.476	414.127	412.780	411.431
155	552.572	552.160	551.744	551.331	550.915	550.655	550.550	550.442	550.337	550.229
160	691.468	691.569	691.671	691.769	691.870	692.236	692.861	693.491	694.116	694.745
165	986.079	986.173	986.265	986.359	986.451	987.161	988.487	989.813	991.138	992.464
170	1576.555	1577.018	1577.485	1577.949	1578.412	1579.646	1581.649	1583.651	1585.653	1587.655
175	2379.736	2379.621	2379.506	2379.391	2379.273	2379.411	2379.804	2380.196	2380.585	2380.977
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2381.015	2381.052	2381.089	2381.126	2381.228	2381.390	2381.556	2381.718	2381.880	2381.718
10	1589.982	1592.313	1594.640	1596.970	1598.789	1600.098	1601.411	1602.720	1604.032	1602.720
15	994.209	995.955	997.697	999.442	1000.795	1001.752	1002.709	1003.669	1004.627	1003.669
20	695.543	696.338	697.136	697.931	698.604	699.152	699.697	700.245	700.793	700.245
25	550.398	550.563	550.732	550.898	551.199	551.632	552.065	552.498	552.931	552.498
30	411.691	411.948	412.209	412.469	412.851	413.355	413.859	414.363	414.867	414.363
35	199.876	200.695	201.517	202.338	202.842	203.035	203.228	203.421	203.613	203.421
40	75.480	75.822	76.160	76.501	76.826	77.137	77.448	77.759	78.071	77.759
45	45.916	45.954	45.987	46.025	46.058	46.092	46.123	46.156	46.190	46.156
50	31.863	31.921	31.978	32.036	32.077	32.100	32.127	32.151	32.178	32.151
55	21.737	21.788	21.835	21.886	21.920	21.944	21.967	21.987	22.011	21.987

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CANDELA TABULATION - (Cont.)

60	14.351	14.378	14.408	14.438	14.462	14.479	14.499	14.516	14.537	14.516
65	9.572	9.585	9.595	9.609	9.619	9.622	9.629	9.632	9.639	9.632
70	6.362	6.369	6.372	6.375	6.379	6.375	6.375	6.372	6.372	6.372
75	3.950	3.950	3.954	3.957	3.957	3.954	3.950	3.947	3.944	3.947
80	1.941	1.945	1.945	1.948	1.948	1.948	1.945	1.945	1.945	1.945
85	0.413	0.413	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
90	0.162	0.162	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169
95	0.413	0.413	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
100	1.941	1.945	1.945	1.948	1.948	1.948	1.945	1.945	1.945	1.945
105	3.950	3.950	3.954	3.957	3.957	3.954	3.950	3.947	3.944	3.947
110	6.362	6.369	6.372	6.375	6.379	6.375	6.375	6.372	6.372	6.372
115	9.572	9.585	9.595	9.609	9.619	9.622	9.629	9.632	9.639	9.632
120	14.351	14.378	14.408	14.438	14.462	14.479	14.499	14.516	14.537	14.516
125	21.737	21.788	21.835	21.886	21.920	21.944	21.967	21.987	22.011	21.987
130	31.863	31.921	31.978	32.036	32.077	32.100	32.127	32.151	32.178	32.151
135	45.916	45.954	45.987	46.025	46.058	46.092	46.123	46.156	46.190	46.156
140	75.480	75.822	76.160	76.501	76.826	77.137	77.448	77.759	78.071	77.759
145	199.876	200.695	201.517	202.338	202.842	203.035	203.228	203.421	203.613	203.421
150	411.691	411.948	412.209	412.469	412.851	413.355	413.859	414.363	414.867	414.363
155	550.398	550.563	550.732	550.898	551.199	551.632	552.065	552.498	552.931	552.498
160	695.543	696.338	697.136	697.931	698.604	699.152	699.697	700.245	700.793	700.245
165	994.209	995.955	997.697	999.442	1000.795	1001.752	1002.709	1003.669	1004.627	1003.669
170	1589.982	1592.313	1594.640	1596.970	1598.789	1600.098	1601.411	1602.720	1604.032	1602.720
175	2381.015	2381.052	2381.092	2381.130	2381.228	2381.393	2381.556	2381.718	2381.880	2381.718
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

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	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2381.556	2381.390	2381.228	2381.126	2381.089	2381.052	2381.015	2380.977	2380.585	2380.193
10	1601.411	1600.098	1598.789	1596.970	1594.640	1592.313	1589.982	1587.655	1585.653	1583.651
15	1002.709	1001.752	1000.795	999.442	997.697	995.955	994.209	992.464	991.138	989.813
20	699.697	699.152	698.604	697.931	697.136	696.338	695.543	694.745	694.116	693.491
25	552.065	551.632	551.199	550.898	550.732	550.563	550.398	550.229	550.337	550.442
30	413.859	413.355	412.851	412.469	412.209	411.948	411.691	411.431	412.780	414.127
35	203.228	203.035	202.842	202.338	201.517	200.695	199.876	199.054	198.865	198.675
40	77.448	77.137	76.826	76.501	76.160	75.822	75.480	75.142	74.492	73.843
45	46.123	46.092	46.058	46.025	45.987	45.954	45.916	45.883	45.751	45.619
50	32.127	32.100	32.077	32.036	31.978	31.921	31.863	31.806	31.711	31.617
55	21.967	21.944	21.920	21.886	21.835	21.788	21.737	21.690	21.622	21.558
60	14.499	14.479	14.462	14.438	14.408	14.378	14.351	14.320	14.276	14.232
65	9.629	9.622	9.619	9.609	9.595	9.585	9.572	9.558	9.531	9.504
70	6.375	6.375	6.379	6.375	6.372	6.369	6.362	6.358	6.345	6.335
75	3.950	3.954	3.957	3.957	3.954	3.950	3.950	3.947	3.944	3.940
80	1.945	1.948	1.948	1.948	1.945	1.945	1.941	1.938	1.935	1.928
85	0.409	0.409	0.409	0.409	0.409	0.413	0.413	0.413	0.413	0.413
90	0.169	0.169	0.169	0.169	0.169	0.162	0.162	0.162	0.162	0.162
95	0.409	0.409	0.409	0.409	0.409	0.413	0.413	0.413	0.413	0.413
100	1.945	1.948	1.948	1.948	1.945	1.945	1.941	1.938	1.935	1.928
105	3.950	3.954	3.957	3.957	3.954	3.950	3.950	3.947	3.944	3.940
110	6.375	6.375	6.379	6.375	6.372	6.369	6.362	6.358	6.345	6.335
115	9.629	9.622	9.619	9.609	9.595	9.585	9.572	9.558	9.531	9.504
120	14.499	14.479	14.462	14.438	14.408	14.378	14.351	14.320	14.276	14.232
125	21.967	21.944	21.920	21.886	21.835	21.788	21.737	21.690	21.622	21.558
130	32.127	32.100	32.077	32.036	31.978	31.921	31.863	31.806	31.711	31.617

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CANDELA TABULATION - (Cont.)

135	46.123	46.092	46.058	46.025	45.987	45.954	45.916	45.883	45.751	45.619
140	77.448	77.137	76.826	76.501	76.160	75.822	75.480	75.142	74.492	73.843
145	203.228	203.035	202.842	202.338	201.517	200.695	199.876	199.054	198.865	198.675
150	413.859	413.355	412.851	412.469	412.209	411.948	411.691	411.431	412.780	414.127
155	552.065	551.632	551.199	550.898	550.732	550.563	550.398	550.229	550.337	550.442
160	699.697	699.152	698.604	697.931	697.136	696.338	695.543	694.745	694.116	693.491
165	1002.709	1001.752	1000.795	999.442	997.697	995.955	994.209	992.464	991.138	989.813
170	1601.411	1600.098	1598.789	1596.970	1594.640	1592.313	1589.982	1587.655	1585.653	1583.651
175	2381.556	2381.393	2381.228	2381.130	2381.092	2381.052	2381.015	2380.977	2380.585	2380.196
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

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	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2379.804	2379.411	2379.273	2379.388	2379.506	2379.621	2379.736	2379.621	2379.506	2379.388
10	1581.649	1579.646	1578.412	1577.949	1577.485	1577.018	1576.555	1577.018	1577.485	1577.949
15	988.487	987.161	986.451	986.359	986.265	986.173	986.079	986.173	986.265	986.359
20	692.861	692.236	691.870	691.769	691.671	691.569	691.468	691.569	691.671	691.769
25	550.550	550.655	550.915	551.331	551.744	552.160	552.572	552.160	551.744	551.331
30	415.476	416.826	417.735	418.205	418.679	419.149	419.623	419.149	418.679	418.205
35	198.486	198.297	198.151	198.053	197.955	197.854	197.756	197.854	197.955	198.053
40	73.197	72.548	72.094	71.837	71.577	71.320	71.063	71.320	71.577	71.837
45	45.487	45.355	45.260	45.203	45.145	45.088	45.030	45.088	45.145	45.203
50	31.518	31.424	31.356	31.316	31.272	31.231	31.190	31.231	31.272	31.316
55	21.490	21.426	21.379	21.355	21.331	21.308	21.284	21.308	21.331	21.355
60	14.188	14.144	14.117	14.100	14.083	14.066	14.050	14.066	14.083	14.100
65	9.477	9.450	9.433	9.429	9.426	9.419	9.416	9.419	9.426	9.429
70	6.321	6.311	6.304	6.301	6.301	6.298	6.298	6.298	6.301	6.301
75	3.937	3.933	3.933	3.937	3.940	3.940	3.944	3.940	3.940	3.937
80	1.924	1.921	1.918	1.918	1.914	1.914	1.914	1.914	1.914	1.918
85	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
90	0.156	0.156	0.156	0.156	0.149	0.149	0.149	0.149	0.149	0.156
95	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
100	1.924	1.921	1.918	1.918	1.914	1.914	1.914	1.914	1.914	1.918
105	3.937	3.933	3.933	3.937	3.940	3.940	3.944	3.940	3.940	3.937
110	6.321	6.311	6.304	6.301	6.301	6.298	6.298	6.298	6.301	6.301
115	9.477	9.450	9.433	9.429	9.426	9.419	9.416	9.419	9.426	9.429
120	14.188	14.144	14.117	14.100	14.083	14.066	14.050	14.066	14.083	14.100
125	21.490	21.426	21.379	21.355	21.331	21.308	21.284	21.308	21.331	21.355
130	31.518	31.424	31.356	31.316	31.272	31.231	31.190	31.231	31.272	31.316
135	45.487	45.355	45.260	45.203	45.145	45.088	45.030	45.088	45.145	45.203
140	73.197	72.548	72.094	71.837	71.577	71.320	71.063	71.320	71.577	71.837
145	198.486	198.297	198.151	198.053	197.955	197.854	197.756	197.854	197.955	198.053
150	415.476	416.826	417.735	418.205	418.679	419.149	419.623	419.149	418.679	418.205
155	550.550	550.655	550.915	551.331	551.744	552.160	552.572	552.160	551.744	551.331
160	692.861	692.236	691.870	691.769	691.671	691.569	691.468	691.569	691.671	691.769
165	988.487	987.161	986.451	986.359	986.265	986.173	986.079	986.173	986.265	986.359
170	1581.649	1579.646	1578.412	1577.949	1577.485	1577.018	1576.555	1577.018	1577.485	1577.949
175	2379.804	2379.411	2379.273	2379.391	2379.506	2379.621	2379.736	2379.621	2379.506	2379.391
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

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	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	2379.273	2379.411	2379.804	2380.193	2380.585	2380.977	2381.015	2381.052	2381.089	2381.126
10	1578.412	1579.646	1581.649	1583.651	1585.653	1587.655	1589.982	1592.313	1594.640	1596.970
15	986.451	987.161	988.487	989.813	991.138	992.464	994.209	995.955	997.697	999.442
20	691.870	692.236	692.861	693.491	694.116	694.745	695.543	696.338	697.136	697.931
25	550.915	550.655	550.550	550.442	550.337	550.229	550.398	550.563	550.732	550.898
30	417.735	416.826	415.476	414.127	412.780	411.431	411.691	411.948	412.209	412.469
35	198.151	198.297	198.486	198.675	198.865	199.054	199.876	200.695	201.517	202.338
40	72.094	72.548	73.197	73.843	74.492	75.142	75.480	75.822	76.160	76.501
45	45.260	45.355	45.487	45.619	45.751	45.883	45.916	45.954	45.987	46.025
50	31.356	31.424	31.518	31.617	31.711	31.806	31.863	31.921	31.978	32.036
55	21.379	21.426	21.490	21.558	21.622	21.690	21.737	21.788	21.835	21.886
60	14.117	14.144	14.188	14.232	14.276	14.320	14.351	14.378	14.408	14.438
65	9.433	9.450	9.477	9.504	9.531	9.558	9.572	9.585	9.595	9.609
70	6.304	6.311	6.321	6.335	6.345	6.358	6.362	6.369	6.372	6.375
75	3.933	3.933	3.937	3.940	3.944	3.947	3.950	3.950	3.954	3.957
80	1.918	1.921	1.924	1.928	1.935	1.938	1.941	1.945	1.945	1.948
85	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.409	0.409
90	0.156	0.156	0.156	0.162	0.162	0.162	0.162	0.162	0.169	0.169
95	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.409	0.409
100	1.918	1.921	1.924	1.928	1.935	1.938	1.941	1.945	1.945	1.948
105	3.933	3.933	3.937	3.940	3.944	3.947	3.950	3.950	3.954	3.957
110	6.304	6.311	6.321	6.335	6.345	6.358	6.362	6.369	6.372	6.375
115	9.433	9.450	9.477	9.504	9.531	9.558	9.572	9.585	9.595	9.609
120	14.117	14.144	14.188	14.232	14.276	14.320	14.351	14.378	14.408	14.438
125	21.379	21.426	21.490	21.558	21.622	21.690	21.737	21.788	21.835	21.886
130	31.356	31.424	31.518	31.617	31.711	31.806	31.863	31.921	31.978	32.036
135	45.260	45.355	45.487	45.619	45.751	45.883	45.916	45.954	45.987	46.025
140	72.094	72.548	73.197	73.843	74.492	75.142	75.480	75.822	76.160	76.501
145	198.151	198.297	198.486	198.675	198.865	199.054	199.876	200.695	201.517	202.338
150	417.735	416.826	415.476	414.127	412.780	411.431	411.691	411.948	412.209	412.469
155	550.915	550.655	550.550	550.442	550.337	550.229	550.398	550.563	550.732	550.898
160	691.870	692.236	692.861	693.491	694.116	694.745	695.543	696.338	697.136	697.931
165	986.451	987.161	988.487	989.813	991.138	992.464	994.209	995.955	997.697	999.442
170	1578.412	1579.646	1581.649	1583.651	1585.653	1587.655	1589.982	1592.313	1594.640	1596.970
175	2379.273	2379.411	2379.804	2380.196	2380.585	2380.977	2381.015	2381.052	2381.092	2381.130
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

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	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2381.228	2381.390	2381.556	2381.718	2381.880	2381.718	2381.556	2381.390	2381.228	2381.126
10	1598.789	1600.098	1601.411	1602.720	1604.032	1602.720	1601.411	1600.098	1598.789	1596.970
15	1000.795	1001.752	1002.709	1003.669	1004.627	1003.669	1002.709	1001.752	1000.795	999.442
20	698.604	699.152	699.697	700.245	700.793	700.245	699.697	699.152	698.604	697.931
25	551.199	551.632	552.065	552.498	552.931	552.498	552.065	551.632	551.199	550.898
30	412.851	413.355	413.859	414.363	414.867	414.363	413.859	413.355	412.851	412.469
35	202.842	203.035	203.228	203.421	203.613	203.421	203.228	203.035	202.842	202.338
40	76.826	77.137	77.448	77.759	78.071	77.759	77.448	77.137	76.826	76.501
45	46.058	46.092	46.123	46.156	46.190	46.156	46.123	46.092	46.058	46.025
50	32.077	32.100	32.127	32.151	32.178	32.151	32.127	32.100	32.077	32.036
55	21.920	21.944	21.967	21.987	22.011	21.987	21.967	21.944	21.920	21.886
60	14.462	14.479	14.499	14.516	14.537	14.516	14.499	14.479	14.462	14.438
65	9.619	9.622	9.629	9.632	9.639	9.632	9.629	9.622	9.619	9.609
70	6.379	6.375	6.375	6.372	6.372	6.372	6.375	6.375	6.379	6.375
75	3.957	3.954	3.950	3.947	3.944	3.947	3.950	3.954	3.957	3.957

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	1.948	1.948	1.945	1.945	1.945	1.945	1.945	1.948	1.948	1.948
85	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
90	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169
95	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
100	1.948	1.948	1.945	1.945	1.945	1.945	1.945	1.948	1.948	1.948
105	3.957	3.954	3.950	3.947	3.944	3.947	3.950	3.954	3.957	3.957
110	6.379	6.375	6.375	6.372	6.372	6.372	6.375	6.375	6.379	6.375
115	9.619	9.622	9.629	9.632	9.639	9.632	9.629	9.622	9.619	9.609
120	14.462	14.479	14.499	14.516	14.537	14.516	14.499	14.479	14.462	14.438
125	21.920	21.944	21.967	21.987	22.011	21.987	21.967	21.944	21.920	21.886
130	32.077	32.100	32.127	32.151	32.178	32.151	32.127	32.100	32.077	32.036
135	46.058	46.092	46.123	46.156	46.190	46.156	46.123	46.092	46.058	46.025
140	76.826	77.137	77.448	77.759	78.071	77.759	77.448	77.137	76.826	76.501
145	202.842	203.035	203.228	203.421	203.613	203.421	203.228	203.035	202.842	202.338
150	412.851	413.355	413.859	414.363	414.867	414.363	413.859	413.355	412.851	412.469
155	551.199	551.632	552.065	552.498	552.931	552.498	552.065	551.632	551.199	550.898
160	698.604	699.152	699.697	700.245	700.793	700.245	699.697	699.152	698.604	697.931
165	1000.795	1001.752	1002.709	1003.669	1004.627	1003.669	1002.709	1001.752	1000.795	999.442
170	1598.789	1600.098	1601.411	1602.720	1604.032	1602.720	1601.411	1600.098	1598.789	1596.970
175	2381.228	2381.393	2381.556	2381.718	2381.880	2381.718	2381.556	2381.393	2381.228	2381.130
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

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	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684	2763.684
5	2381.089	2381.052	2381.015	2380.977	2380.585	2380.193	2379.804	2379.411	2379.273	2379.388
10	1594.640	1592.313	1589.982	1587.655	1585.653	1583.651	1581.649	1579.646	1578.412	1577.949
15	997.697	995.955	994.209	992.464	991.138	989.813	988.487	987.161	986.451	986.359
20	697.136	696.338	695.543	694.745	694.116	693.491	692.861	692.236	691.870	691.769
25	550.732	550.563	550.398	550.229	550.337	550.442	550.550	550.655	550.915	551.331
30	412.209	411.948	411.691	411.431	412.780	414.127	415.476	416.826	417.735	418.205
35	201.517	200.695	199.876	199.054	198.865	198.675	198.486	198.297	198.151	198.053
40	76.160	75.822	75.480	75.142	74.492	73.843	73.197	72.548	72.094	71.837
45	45.987	45.954	45.916	45.883	45.751	45.619	45.487	45.355	45.260	45.203
50	31.978	31.921	31.863	31.806	31.711	31.617	31.518	31.424	31.356	31.316
55	21.835	21.788	21.737	21.690	21.622	21.558	21.490	21.426	21.379	21.355
60	14.408	14.378	14.351	14.320	14.276	14.232	14.188	14.144	14.117	14.100
65	9.595	9.585	9.572	9.558	9.531	9.504	9.477	9.450	9.433	9.429
70	6.372	6.369	6.362	6.358	6.345	6.335	6.321	6.311	6.304	6.301
75	3.954	3.950	3.950	3.947	3.944	3.940	3.937	3.933	3.933	3.937
80	1.945	1.945	1.941	1.938	1.935	1.928	1.924	1.921	1.918	1.918
85	0.409	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
90	0.169	0.162	0.162	0.162	0.162	0.162	0.156	0.156	0.156	0.156
95	0.409	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
100	1.945	1.945	1.941	1.938	1.935	1.928	1.924	1.921	1.918	1.918
105	3.954	3.950	3.950	3.947	3.944	3.940	3.937	3.933	3.933	3.937
110	6.372	6.369	6.362	6.358	6.345	6.335	6.321	6.311	6.304	6.301
115	9.595	9.585	9.572	9.558	9.531	9.504	9.477	9.450	9.433	9.429
120	14.408	14.378	14.351	14.320	14.276	14.232	14.188	14.144	14.117	14.100
125	21.835	21.788	21.737	21.690	21.622	21.558	21.490	21.426	21.379	21.355
130	31.978	31.921	31.863	31.806	31.711	31.617	31.518	31.424	31.356	31.316
135	45.987	45.954	45.916	45.883	45.751	45.619	45.487	45.355	45.260	45.203
140	76.160	75.822	75.480	75.142	74.492	73.843	73.197	72.548	72.094	71.837
145	201.517	200.695	199.876	199.054	198.865	198.675	198.486	198.297	198.151	198.053
150	412.209	411.948	411.691	411.431	412.780	414.127	415.476	416.826	417.735	418.205

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-N-XX_.IES****CANDELA TABULATION - (Cont.)**

155	550.732	550.563	550.398	550.229	550.337	550.442	550.550	550.655	550.915	551.331
160	697.136	696.338	695.543	694.745	694.116	693.491	692.861	692.236	691.870	691.769
165	997.697	995.955	994.209	992.464	991.138	989.813	988.487	987.161	986.451	986.359
170	1594.640	1592.313	1589.982	1587.655	1585.653	1583.651	1581.649	1579.646	1578.412	1577.949
175	2381.092	2381.052	2381.015	2380.977	2380.585	2380.196	2379.804	2379.411	2379.273	2379.391
180	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572	2763.572

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	2763.684	2763.684	2763.684
5	2379.506	2379.621	2379.736
10	1577.485	1577.018	1576.555
15	986.265	986.173	986.079
20	691.671	691.569	691.468
25	551.744	552.160	552.572
30	418.679	419.149	419.623
35	197.955	197.854	197.756
40	71.577	71.320	71.063
45	45.145	45.088	45.030
50	31.272	31.231	31.190
55	21.331	21.308	21.284
60	14.083	14.066	14.050
65	9.426	9.419	9.416
70	6.301	6.298	6.298
75	3.940	3.940	3.944
80	1.914	1.914	1.914
85	0.413	0.413	0.413
90	0.149	0.149	0.149
95	0.413	0.413	0.413
100	1.914	1.914	1.914
105	3.940	3.940	3.944
110	6.301	6.298	6.298
115	9.426	9.419	9.416
120	14.083	14.066	14.050
125	21.331	21.308	21.284
130	31.272	31.231	31.190
135	45.145	45.088	45.030
140	71.577	71.320	71.063
145	197.955	197.854	197.756
150	418.679	419.149	419.623
155	551.744	552.160	552.572
160	691.671	691.569	691.468
165	986.265	986.173	986.079
170	1577.485	1577.018	1576.555
175	2379.506	2379.621	2379.736
180	2763.572	2763.572	2763.572

COEFFICIENTS OF UTILIZATION



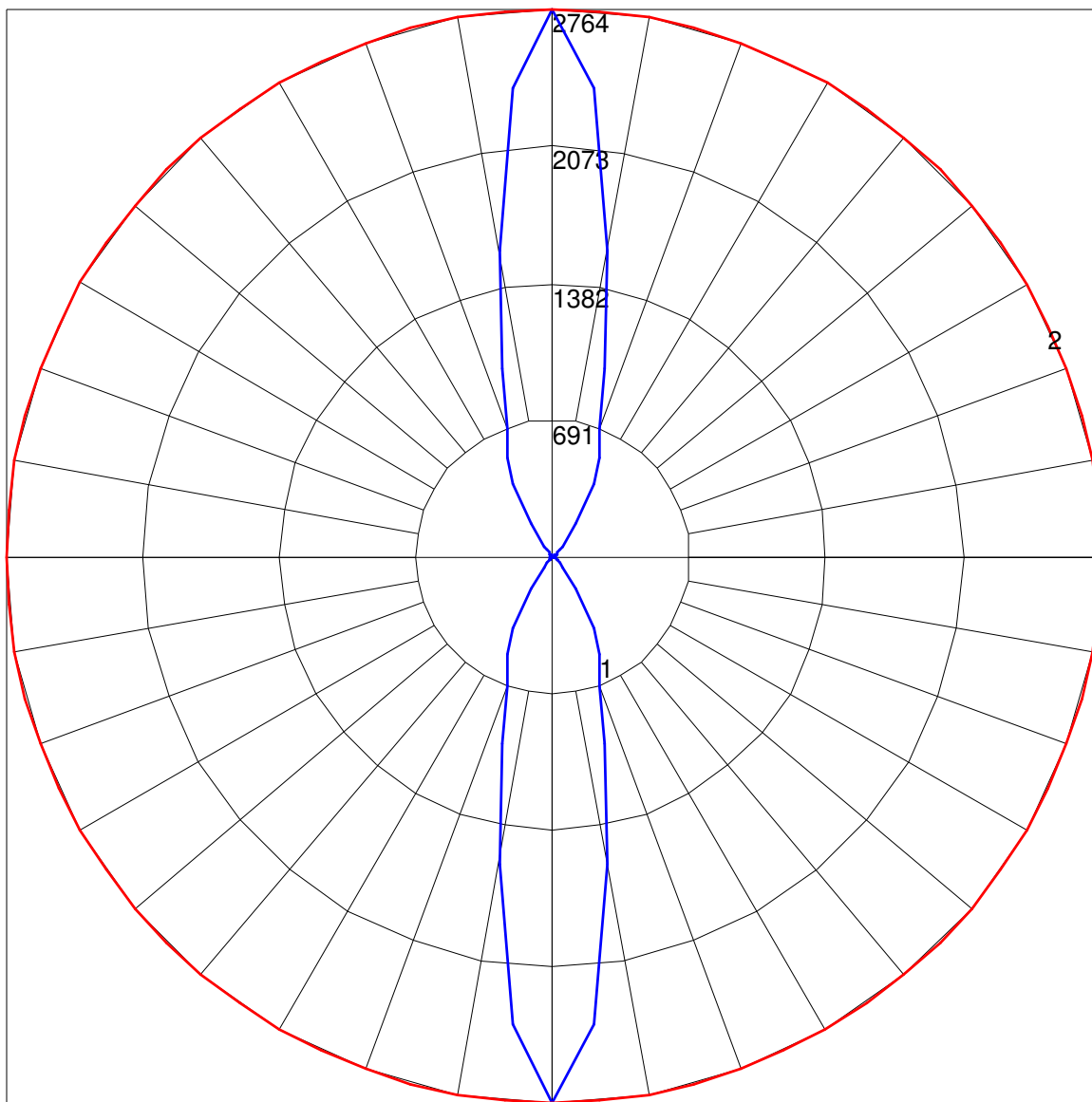
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	479.0	25.0
Downward House Side	479.0	25.0
Downward Total	958.0	50.0
Upward Street Side	479.0	25.0
Upward House Side	479.0	25.0
Upward Total	958.0	50.0
Total Flux	1916.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 2763.684 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

