

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-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-L30-827U-L30-827D-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	5396
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7783.145
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7783.145
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.476 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.486 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1054.4	N.A.	19.5
FM - Front-Medium (30-60)	273.5	N.A.	5.1
FH - Front-High (60-80)	19.8	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1054.4	N.A.	19.5
BM - Back-Medium (30-60)	273.5	N.A.	5.1
BH - Back-High (60-80)	19.8	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.2	N.A.	0.0
UH - Uplight-High (100-180)	2695.5	N.A.	50.0
Total	5395.3	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6701.864	6701.541	6701.217	6700.883	6700.559	6700.950	6702.055	6703.150	6704.255	6705.360
10	4439.928	4441.233	4442.548	4443.853	4445.158	4448.634	4454.273	4459.912	4465.551	4471.189
15	2777.016	2777.283	2777.540	2777.807	2778.064	2780.064	2783.798	2787.532	2791.266	2794.999
20	1947.327	1947.613	1947.899	1948.175	1948.460	1949.489	1951.251	1953.023	1954.785	1956.557
25	1556.166	1555.004	1553.833	1552.671	1551.499	1550.766	1550.470	1550.165	1549.870	1549.565
30	1181.750	1180.417	1179.093	1177.759	1176.435	1173.873	1170.073	1166.272	1162.481	1158.681
35	556.923	557.200	557.485	557.762	558.038	558.447	558.981	559.514	560.048	560.581
40	200.129	200.852	201.576	202.310	203.034	204.310	206.139	207.958	209.787	211.616
45	126.815	126.977	127.139	127.301	127.463	127.729	128.101	128.472	128.844	129.215
50	87.839	87.953	88.068	88.191	88.306	88.496	88.763	89.039	89.306	89.573
55	59.940	60.007	60.074	60.140	60.207	60.341	60.521	60.712	60.893	61.083
60	39.567	39.614	39.662	39.709	39.757	39.833	39.957	40.081	40.205	40.329
65	26.517	26.527	26.546	26.556	26.565	26.613	26.689	26.765	26.841	26.917
70	17.735	17.735	17.745	17.745	17.754	17.774	17.802	17.840	17.869	17.907
75	11.106	11.097	11.097	11.087	11.078	11.078	11.087	11.097	11.106	11.116
80	5.391	5.391	5.391	5.401	5.401	5.410	5.420	5.429	5.448	5.458
85	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
90	0.419	0.419	0.419	0.438	0.438	0.438	0.438	0.457	0.457	0.457
95	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
100	5.391	5.391	5.391	5.401	5.401	5.410	5.420	5.429	5.448	5.458
105	11.106	11.097	11.097	11.087	11.078	11.078	11.087	11.097	11.106	11.116
110	17.735	17.735	17.745	17.745	17.754	17.774	17.802	17.840	17.869	17.907
115	26.517	26.527	26.546	26.556	26.565	26.613	26.689	26.765	26.841	26.917
120	39.567	39.614	39.662	39.709	39.757	39.833	39.957	40.081	40.205	40.329
125	59.940	60.007	60.074	60.140	60.207	60.341	60.521	60.712	60.893	61.083
130	87.839	87.953	88.068	88.191	88.306	88.496	88.763	89.039	89.306	89.573
135	126.815	126.977	127.139	127.301	127.463	127.729	128.101	128.472	128.844	129.215
140	200.129	200.852	201.576	202.310	203.034	204.310	206.139	207.958	209.787	211.616
145	556.923	557.200	557.485	557.762	558.038	558.447	558.981	559.514	560.048	560.581
150	1181.750	1180.417	1179.093	1177.759	1176.435	1173.873	1170.073	1166.272	1162.481	1158.681
155	1556.166	1555.004	1553.833	1552.671	1551.499	1550.766	1550.470	1550.165	1549.870	1549.565
160	1947.327	1947.613	1947.899	1948.175	1948.460	1949.489	1951.251	1953.023	1954.785	1956.557
165	2777.016	2777.283	2777.540	2777.807	2778.064	2780.064	2783.798	2787.532	2791.266	2794.999
170	4439.928	4441.233	4442.548	4443.853	4445.158	4448.634	4454.273	4459.912	4465.551	4471.189
175	6701.864	6701.541	6701.217	6700.893	6700.559	6700.950	6702.055	6703.160	6704.255	6705.360
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6705.465	6705.570	6705.674	6705.779	6706.065	6706.522	6706.989	6707.446	6707.903	6707.446
10	4477.742	4484.305	4490.858	4497.421	4502.545	4506.232	4509.927	4513.613	4517.309	4513.613
15	2799.914	2804.829	2809.734	2814.649	2818.459	2821.155	2823.850	2826.555	2829.251	2826.555
20	1958.805	1961.043	1963.291	1965.529	1967.425	1968.968	1970.501	1972.044	1973.587	1972.044
25	1550.042	1550.508	1550.985	1551.451	1552.299	1553.518	1554.737	1555.957	1557.176	1555.957
30	1159.414	1160.138	1160.872	1161.605	1162.681	1164.100	1165.520	1166.939	1168.358	1166.939
35	562.896	565.201	567.515	569.830	571.249	571.792	572.335	572.878	573.421	572.878
40	212.568	213.530	214.483	215.445	216.359	217.235	218.112	218.988	219.864	218.988
45	129.311	129.415	129.511	129.615	129.711	129.806	129.892	129.987	130.082	129.987
50	89.734	89.896	90.058	90.220	90.335	90.401	90.477	90.544	90.620	90.544
55	61.217	61.360	61.493	61.636	61.731	61.798	61.865	61.922	61.988	61.922

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CANDELA TABULATION - (Cont.)

60	40.414	40.491	40.576	40.662	40.729	40.776	40.833	40.881	40.938	40.881
65	26.956	26.994	27.022	27.060	27.089	27.098	27.118	27.127	27.146	27.127
70	17.916	17.935	17.945	17.955	17.964	17.955	17.955	17.945	17.945	17.945
75	11.125	11.125	11.135	11.144	11.144	11.135	11.125	11.116	11.106	11.116
80	5.467	5.477	5.477	5.486	5.486	5.486	5.477	5.477	5.477	5.477
85	1.162	1.162	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153
90	0.457	0.457	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476
95	1.162	1.162	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153
100	5.467	5.477	5.477	5.486	5.486	5.486	5.477	5.477	5.477	5.477
105	11.125	11.125	11.135	11.144	11.144	11.135	11.125	11.116	11.106	11.116
110	17.916	17.935	17.945	17.955	17.964	17.955	17.955	17.945	17.945	17.945
115	26.956	26.994	27.022	27.060	27.089	27.098	27.118	27.127	27.146	27.127
120	40.414	40.491	40.576	40.662	40.729	40.776	40.833	40.881	40.938	40.881
125	61.217	61.360	61.493	61.636	61.731	61.798	61.865	61.922	61.988	61.922
130	89.734	89.896	90.058	90.220	90.335	90.401	90.477	90.544	90.620	90.544
135	129.311	129.415	129.511	129.615	129.711	129.806	129.892	129.987	130.082	129.987
140	212.568	213.530	214.483	215.445	216.359	217.235	218.112	218.988	219.864	218.988
145	562.896	565.201	567.515	569.830	571.249	571.792	572.335	572.878	573.421	572.878
150	1159.414	1160.138	1160.872	1161.605	1162.681	1164.100	1165.520	1166.939	1168.358	1166.939
155	1550.042	1550.508	1550.985	1551.451	1552.299	1553.518	1554.737	1555.957	1557.176	1555.957
160	1958.805	1961.043	1963.291	1965.529	1967.425	1968.968	1970.501	1972.044	1973.587	1972.044
165	2799.914	2804.829	2809.734	2814.649	2818.459	2821.155	2823.850	2826.555	2829.251	2826.555
170	4477.742	4484.305	4490.858	4497.421	4502.545	4506.232	4509.927	4513.613	4517.309	4513.613
175	6705.465	6705.570	6705.684	6705.789	6706.065	6706.532	6706.989	6707.446	6707.903	6707.446
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

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	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6706.989	6706.522	6706.065	6705.779	6705.674	6705.570	6705.465	6705.360	6704.255	6703.150
10	4509.927	4506.232	4502.545	4497.421	4490.858	4484.305	4477.742	4471.189	4465.551	4459.912
15	2823.850	2821.155	2818.459	2814.649	2809.734	2804.829	2799.914	2794.999	2791.266	2787.532
20	1970.501	1968.968	1967.425	1965.529	1963.291	1961.043	1958.805	1956.557	1954.785	1953.023
25	1554.737	1553.518	1552.299	1551.451	1550.985	1550.508	1550.042	1549.565	1549.870	1550.165
30	1165.520	1164.100	1162.681	1161.605	1160.872	1160.138	1159.414	1158.681	1162.481	1166.272
35	572.335	571.792	571.249	569.830	567.515	565.201	562.896	560.581	560.048	559.514
40	218.112	217.235	216.359	215.445	214.483	213.530	212.568	211.616	209.787	207.958
45	129.892	129.806	129.711	129.615	129.511	129.415	129.311	129.215	128.844	128.472
50	90.477	90.401	90.335	90.220	90.058	89.896	89.734	89.573	89.306	89.039
55	61.865	61.798	61.731	61.636	61.493	61.360	61.217	61.083	60.893	60.712
60	40.833	40.776	40.729	40.662	40.576	40.491	40.414	40.329	40.205	40.081
65	27.118	27.098	27.089	27.060	27.022	26.994	26.956	26.917	26.841	26.765
70	17.955	17.955	17.964	17.955	17.945	17.935	17.916	17.907	17.869	17.840
75	11.125	11.135	11.144	11.144	11.135	11.125	11.125	11.116	11.106	11.097
80	5.477	5.486	5.486	5.486	5.477	5.477	5.467	5.458	5.448	5.429
85	1.153	1.153	1.153	1.153	1.153	1.162	1.162	1.162	1.162	1.162
90	0.476	0.476	0.476	0.476	0.476	0.457	0.457	0.457	0.457	0.457
95	1.153	1.153	1.153	1.153	1.153	1.162	1.162	1.162	1.162	1.162
100	5.477	5.486	5.486	5.486	5.477	5.477	5.467	5.458	5.448	5.429
105	11.125	11.135	11.144	11.144	11.135	11.125	11.125	11.116	11.106	11.097
110	17.955	17.955	17.964	17.955	17.945	17.935	17.916	17.907	17.869	17.840
115	27.118	27.098	27.089	27.060	27.022	26.994	26.956	26.917	26.841	26.765
120	40.833	40.776	40.729	40.662	40.576	40.491	40.414	40.329	40.205	40.081
125	61.865	61.798	61.731	61.636	61.493	61.360	61.217	61.083	60.893	60.712
130	90.477	90.401	90.335	90.220	90.058	89.896	89.734	89.573	89.306	89.039

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CANDELA TABULATION - (Cont.)

135	129.892	129.806	129.711	129.615	129.511	129.415	129.311	129.215	128.844	128.472
140	218.112	217.235	216.359	215.445	214.483	213.530	212.568	211.616	209.787	207.958
145	572.335	571.792	571.249	569.830	567.515	565.201	562.896	560.581	560.048	559.514
150	1165.520	1164.100	1162.681	1161.605	1160.872	1160.138	1159.414	1158.681	1162.481	1166.272
155	1554.737	1553.518	1552.299	1551.451	1550.985	1550.508	1550.042	1549.565	1549.870	1550.165
160	1970.501	1968.968	1967.425	1965.529	1963.291	1961.043	1958.805	1956.557	1954.785	1953.023
165	2823.850	2821.155	2818.459	2814.649	2809.734	2804.829	2799.914	2794.999	2791.266	2787.532
170	4509.927	4506.232	4502.545	4497.421	4490.858	4484.305	4477.742	4471.189	4465.551	4459.912
175	6706.989	6706.532	6706.065	6705.789	6705.684	6705.570	6705.465	6705.360	6704.255	6703.160
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

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	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6702.055	6700.950	6700.559	6700.883	6701.217	6701.541	6701.864	6701.541	6701.217	6700.883
10	4454.273	4448.634	4445.158	4443.853	4442.548	4441.233	4439.928	4441.233	4442.548	4443.853
15	2783.798	2780.064	2778.064	2777.807	2777.540	2777.283	2777.016	2777.283	2777.540	2777.807
20	1951.251	1949.489	1948.460	1948.175	1947.899	1947.613	1947.327	1947.613	1947.899	1948.175
25	1550.470	1550.766	1551.499	1552.671	1553.833	1555.004	1556.166	1555.004	1553.833	1552.671
30	1170.073	1173.873	1176.435	1177.759	1179.093	1180.417	1181.750	1180.417	1179.093	1177.759
35	558.981	558.447	558.038	557.762	557.485	557.200	556.923	557.200	557.485	557.762
40	206.139	204.310	203.034	202.310	201.576	200.852	200.129	200.852	201.576	202.310
45	128.101	127.729	127.463	127.301	127.139	126.977	126.815	126.977	127.139	127.301
50	88.763	88.496	88.306	88.191	88.068	87.953	87.839	87.953	88.068	88.191
55	60.521	60.341	60.207	60.140	60.074	60.007	59.940	60.007	60.074	60.140
60	39.957	39.833	39.757	39.709	39.662	39.614	39.567	39.614	39.662	39.709
65	26.689	26.613	26.565	26.556	26.546	26.527	26.517	26.527	26.546	26.556
70	17.802	17.774	17.754	17.745	17.745	17.735	17.735	17.735	17.745	17.745
75	11.087	11.078	11.078	11.087	11.097	11.097	11.106	11.097	11.097	11.087
80	5.420	5.410	5.401	5.401	5.391	5.391	5.391	5.391	5.391	5.401
85	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
90	0.438	0.438	0.438	0.438	0.419	0.419	0.419	0.419	0.419	0.438
95	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
100	5.420	5.410	5.401	5.401	5.391	5.391	5.391	5.391	5.391	5.401
105	11.087	11.078	11.078	11.087	11.097	11.097	11.106	11.097	11.097	11.087
110	17.802	17.774	17.754	17.745	17.745	17.735	17.735	17.735	17.745	17.745
115	26.689	26.613	26.565	26.556	26.546	26.527	26.517	26.527	26.546	26.556
120	39.957	39.833	39.757	39.709	39.662	39.614	39.567	39.614	39.662	39.709
125	60.521	60.341	60.207	60.140	60.074	60.007	59.940	60.007	60.074	60.140
130	88.763	88.496	88.306	88.191	88.068	87.953	87.839	87.953	88.068	88.191
135	128.101	127.729	127.463	127.301	127.139	126.977	126.815	126.977	127.139	127.301
140	206.139	204.310	203.034	202.310	201.576	200.852	200.129	200.852	201.576	202.310
145	558.981	558.447	558.038	557.762	557.485	557.200	556.923	557.200	557.485	557.762
150	1170.073	1173.873	1176.435	1177.759	1179.093	1180.417	1181.750	1180.417	1179.093	1177.759
155	1550.470	1550.766	1551.499	1552.671	1553.833	1555.004	1556.166	1555.004	1553.833	1552.671
160	1951.251	1949.489	1948.460	1948.175	1947.899	1947.613	1947.327	1947.613	1947.899	1948.175
165	2783.798	2780.064	2778.064	2777.807	2777.540	2777.283	2777.016	2777.283	2777.540	2777.807
170	4454.273	4448.634	4445.158	4443.853	4442.548	4441.233	4439.928	4441.233	4442.548	4443.853
175	6702.055	6700.950	6700.559	6700.893	6701.217	6701.541	6701.864	6701.541	6701.217	6700.893
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

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	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	6700.559	6700.950	6702.055	6703.150	6704.255	6705.360	6705.465	6705.570	6705.674	6705.779
10	4445.158	4448.634	4454.273	4459.912	4465.551	4471.189	4477.742	4484.305	4490.858	4497.421
15	2778.064	2780.064	2783.798	2787.532	2791.266	2794.999	2799.914	2804.829	2809.734	2814.649
20	1948.460	1949.489	1951.251	1953.023	1954.785	1956.557	1958.805	1961.043	1963.291	1965.529
25	1551.499	1550.766	1550.470	1550.165	1549.870	1549.565	1550.042	1550.508	1550.985	1551.451
30	1176.435	1173.873	1170.073	1166.272	1162.481	1158.681	1159.414	1160.138	1160.872	1161.605
35	558.038	558.447	558.981	559.514	560.048	560.581	562.896	565.201	567.515	569.830
40	203.034	204.310	206.139	207.958	209.787	211.616	212.568	213.530	214.483	215.445
45	127.463	127.729	128.101	128.472	128.844	129.215	129.311	129.415	129.511	129.615
50	88.306	88.496	88.763	89.039	89.306	89.573	89.734	89.896	90.058	90.220
55	60.207	60.341	60.521	60.712	60.893	61.083	61.217	61.360	61.493	61.636
60	39.757	39.833	39.957	40.081	40.205	40.329	40.414	40.491	40.576	40.662
65	26.565	26.613	26.689	26.765	26.841	26.917	26.956	26.994	27.022	27.060
70	17.754	17.774	17.802	17.840	17.869	17.907	17.916	17.935	17.945	17.955
75	11.078	11.078	11.087	11.097	11.106	11.116	11.125	11.125	11.135	11.144
80	5.401	5.410	5.420	5.429	5.448	5.458	5.467	5.477	5.477	5.486
85	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.153	1.153
90	0.438	0.438	0.438	0.457	0.457	0.457	0.457	0.457	0.476	0.476
95	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.153	1.153
100	5.401	5.410	5.420	5.429	5.448	5.458	5.467	5.477	5.477	5.486
105	11.078	11.078	11.087	11.097	11.106	11.116	11.125	11.125	11.135	11.144
110	17.754	17.774	17.802	17.840	17.869	17.907	17.916	17.935	17.945	17.955
115	26.565	26.613	26.689	26.765	26.841	26.917	26.956	26.994	27.022	27.060
120	39.757	39.833	39.957	40.081	40.205	40.329	40.414	40.491	40.576	40.662
125	60.207	60.341	60.521	60.712	60.893	61.083	61.217	61.360	61.493	61.636
130	88.306	88.496	88.763	89.039	89.306	89.573	89.734	89.896	90.058	90.220
135	127.463	127.729	128.101	128.472	128.844	129.215	129.311	129.415	129.511	129.615
140	203.034	204.310	206.139	207.958	209.787	211.616	212.568	213.530	214.483	215.445
145	558.038	558.447	558.981	559.514	560.048	560.581	562.896	565.201	567.515	569.830
150	1176.435	1173.873	1170.073	1166.272	1162.481	1158.681	1159.414	1160.138	1160.872	1161.605
155	1551.499	1550.766	1550.470	1550.165	1549.870	1549.565	1550.042	1550.508	1550.985	1551.451
160	1948.460	1949.489	1951.251	1953.023	1954.785	1956.557	1958.805	1961.043	1963.291	1965.529
165	2778.064	2780.064	2783.798	2787.532	2791.266	2794.999	2799.914	2804.829	2809.734	2814.649
170	4445.158	4448.634	4454.273	4459.912	4465.551	4471.189	4477.742	4484.305	4490.858	4497.421
175	6700.559	6700.950	6702.055	6703.160	6704.255	6705.360	6705.465	6705.570	6705.684	6705.789
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

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	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6706.065	6706.522	6706.989	6707.446	6707.903	6707.446	6706.989	6706.522	6706.065	6705.779
10	4502.545	4506.232	4509.927	4513.613	4517.309	4513.613	4509.927	4506.232	4502.545	4497.421
15	2818.459	2821.155	2823.850	2826.555	2829.251	2826.555	2823.850	2821.155	2818.459	2814.649
20	1967.425	1968.968	1970.501	1972.044	1973.587	1972.044	1970.501	1968.968	1967.425	1965.529
25	1552.299	1553.518	1554.737	1555.957	1557.176	1555.957	1554.737	1553.518	1552.299	1551.451
30	1162.681	1164.100	1165.520	1166.939	1168.358	1166.939	1165.520	1164.100	1162.681	1161.605
35	571.249	571.792	572.335	572.878	573.421	572.878	572.335	571.792	571.249	569.830
40	216.359	217.235	218.112	218.988	219.864	218.988	218.112	217.235	216.359	215.445
45	129.711	129.806	129.892	129.987	130.082	129.987	129.892	129.806	129.711	129.615
50	90.335	90.401	90.477	90.544	90.620	90.544	90.477	90.401	90.335	90.220
55	61.731	61.798	61.865	61.922	61.988	61.922	61.865	61.798	61.731	61.636
60	40.729	40.776	40.833	40.881	40.938	40.881	40.833	40.776	40.729	40.662
65	27.089	27.098	27.118	27.127	27.146	27.127	27.118	27.098	27.089	27.060
70	17.964	17.955	17.955	17.945	17.945	17.945	17.955	17.955	17.964	17.955
75	11.144	11.135	11.125	11.116	11.106	11.116	11.125	11.135	11.144	11.144

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	5.486	5.486	5.477	5.477	5.477	5.477	5.477	5.486	5.486	5.486
85	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153
90	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476
95	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153
100	5.486	5.486	5.477	5.477	5.477	5.477	5.477	5.486	5.486	5.486
105	11.144	11.135	11.125	11.116	11.106	11.116	11.125	11.135	11.144	11.144
110	17.964	17.955	17.955	17.945	17.945	17.945	17.955	17.955	17.964	17.955
115	27.089	27.098	27.118	27.127	27.146	27.127	27.118	27.098	27.089	27.060
120	40.729	40.776	40.833	40.881	40.938	40.881	40.833	40.776	40.729	40.662
125	61.731	61.798	61.865	61.922	61.988	61.922	61.865	61.798	61.731	61.636
130	90.335	90.401	90.477	90.544	90.620	90.544	90.477	90.401	90.335	90.220
135	129.711	129.806	129.892	129.987	130.082	129.987	129.892	129.806	129.711	129.615
140	216.359	217.235	218.112	218.988	219.864	218.988	218.112	217.235	216.359	215.445
145	571.249	571.792	572.335	572.878	573.421	572.878	572.335	571.792	571.249	569.830
150	1162.681	1164.100	1165.520	1166.939	1168.358	1166.939	1165.520	1164.100	1162.681	1161.605
155	1552.299	1553.518	1554.737	1555.957	1557.176	1555.957	1554.737	1553.518	1552.299	1551.451
160	1967.425	1968.968	1970.501	1972.044	1973.587	1972.044	1970.501	1968.968	1967.425	1965.529
165	2818.459	2821.155	2823.850	2826.555	2829.251	2826.555	2823.850	2821.155	2818.459	2814.649
170	4502.545	4506.232	4509.927	4513.613	4517.309	4513.613	4509.927	4506.232	4502.545	4497.421
175	6706.065	6706.532	6706.989	6707.446	6707.903	6707.446	6706.989	6706.532	6706.065	6705.789
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

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	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145	7783.145
5	6705.674	6705.570	6705.465	6705.360	6704.255	6703.150	6702.055	6700.950	6700.559	6700.883
10	4490.858	4484.305	4477.742	4471.189	4465.551	4459.912	4454.273	4448.634	4445.158	4443.853
15	2809.734	2804.829	2799.914	2794.999	2791.266	2787.532	2783.798	2780.064	2778.064	2777.807
20	1963.291	1961.043	1958.805	1956.557	1954.785	1953.023	1951.251	1949.489	1948.460	1948.175
25	1550.985	1550.508	1550.042	1549.565	1549.870	1550.165	1550.470	1550.766	1551.499	1552.671
30	1160.872	1160.138	1159.414	1158.681	1162.481	1166.272	1170.073	1173.873	1176.435	1177.759
35	567.515	565.201	562.896	560.581	560.048	559.514	558.981	558.447	558.038	557.762
40	214.483	213.530	212.568	211.616	209.787	207.958	206.139	204.310	203.034	202.310
45	129.511	129.415	129.311	129.215	128.844	128.472	128.101	127.729	127.463	127.301
50	90.058	89.896	89.734	89.573	89.306	89.039	88.763	88.496	88.306	88.191
55	61.493	61.360	61.217	61.083	60.893	60.712	60.521	60.341	60.207	60.140
60	40.576	40.491	40.414	40.329	40.205	40.081	39.957	39.833	39.757	39.709
65	27.022	26.994	26.956	26.917	26.841	26.765	26.689	26.613	26.565	26.556
70	17.945	17.935	17.916	17.907	17.869	17.840	17.802	17.774	17.754	17.745
75	11.135	11.125	11.125	11.116	11.106	11.097	11.087	11.078	11.078	11.087
80	5.477	5.477	5.467	5.458	5.448	5.429	5.420	5.410	5.401	5.401
85	1.153	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
90	0.476	0.457	0.457	0.457	0.457	0.457	0.438	0.438	0.438	0.438
95	1.153	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
100	5.477	5.477	5.467	5.458	5.448	5.429	5.420	5.410	5.401	5.401
105	11.135	11.125	11.125	11.116	11.106	11.097	11.087	11.078	11.078	11.087
110	17.945	17.935	17.916	17.907	17.869	17.840	17.802	17.774	17.754	17.745
115	27.022	26.994	26.956	26.917	26.841	26.765	26.689	26.613	26.565	26.556
120	40.576	40.491	40.414	40.329	40.205	40.081	39.957	39.833	39.757	39.709
125	61.493	61.360	61.217	61.083	60.893	60.712	60.521	60.341	60.207	60.140
130	90.058	89.896	89.734	89.573	89.306	89.039	88.763	88.496	88.306	88.191
135	129.511	129.415	129.311	129.215	128.844	128.472	128.101	127.729	127.463	127.301
140	214.483	213.530	212.568	211.616	209.787	207.958	206.139	204.310	203.034	202.310
145	567.515	565.201	562.896	560.581	560.048	559.514	558.981	558.447	558.038	557.762
150	1160.872	1160.138	1159.414	1158.681	1162.481	1166.272	1170.073	1173.873	1176.435	1177.759

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1550.985	1550.508	1550.042	1549.565	1549.870	1550.165	1550.470	1550.766	1551.499	1552.671
160	1963.291	1961.043	1958.805	1956.557	1954.785	1953.023	1951.251	1949.489	1948.460	1948.175
165	2809.734	2804.829	2799.914	2794.999	2791.266	2787.532	2783.798	2780.064	2778.064	2777.807
170	4490.858	4484.305	4477.742	4471.189	4465.551	4459.912	4454.273	4448.634	4445.158	4443.853
175	6705.684	6705.570	6705.465	6705.360	6704.255	6703.160	6702.055	6700.950	6700.559	6700.893
180	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831	7782.831

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	7783.145	7783.145	7783.145
5	6701.217	6701.541	6701.864
10	4442.548	4441.233	4439.928
15	2777.540	2777.283	2777.016
20	1947.899	1947.613	1947.327
25	1553.833	1555.004	1556.166
30	1179.093	1180.417	1181.750
35	557.485	557.200	556.923
40	201.576	200.852	200.129
45	127.139	126.977	126.815
50	88.068	87.953	87.839
55	60.074	60.007	59.940
60	39.662	39.614	39.567
65	26.546	26.527	26.517
70	17.745	17.735	17.735
75	11.097	11.097	11.106
80	5.391	5.391	5.391
85	1.162	1.162	1.162
90	0.419	0.419	0.419
95	1.162	1.162	1.162
100	5.391	5.391	5.391
105	11.097	11.097	11.106
110	17.745	17.735	17.735
115	26.546	26.527	26.517
120	39.662	39.614	39.567
125	60.074	60.007	59.940
130	88.068	87.953	87.839
135	127.139	126.977	126.815
140	201.576	200.852	200.129
145	557.485	557.200	556.923
150	1179.093	1180.417	1181.750
155	1553.833	1555.004	1556.166
160	1947.899	1947.613	1947.327
165	2777.540	2777.283	2777.016
170	4442.548	4441.233	4439.928
175	6701.217	6701.541	6701.864
180	7782.831	7782.831	7782.831

COEFFICIENTS OF UTILIZATION



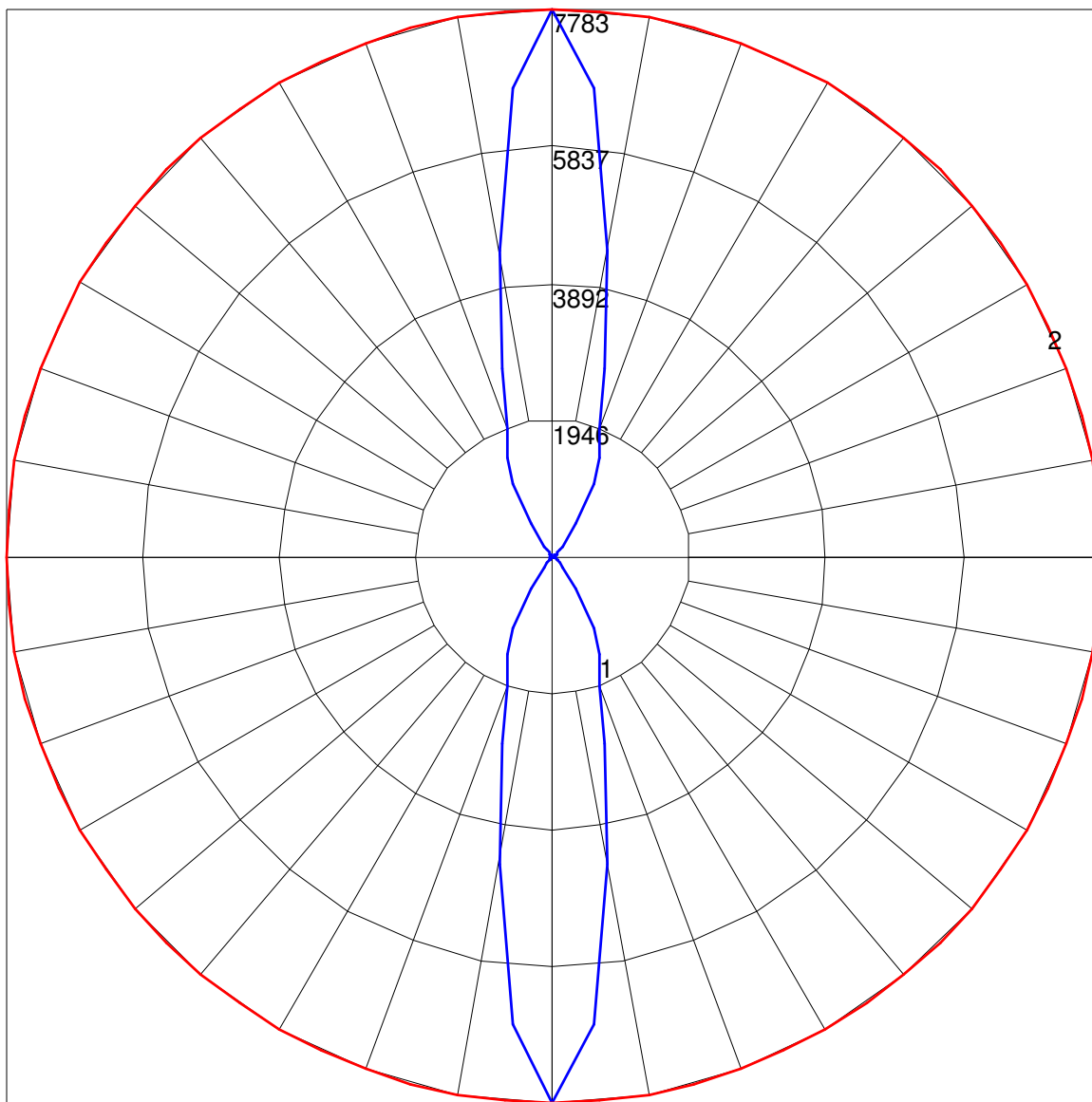
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1348.9	25.0
Downward House Side	1348.9	25.0
Downward Total	2697.8	50.0
Upward Street Side	1348.9	25.0
Upward House Side	1348.9	25.0
Upward Total	2697.8	50.0
Total Flux	5395.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 7783.145 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

