

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR\_Angela-S\_(V18)\_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-830U-L40-830D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[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	8016
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	37053.182
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	37053.182
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.528 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.319 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1778.0	N.A.	22.2
FM - Front-Medium (30-60)	206.3	N.A.	2.6
FH - Front-High (60-80)	18.3	N.A.	0.2
FVH - Front-Very High (80-90)	1.3	N.A.	0.0
BL - Back-Low (0-30)	1778.0	N.A.	22.2
BM - Back-Medium (30-60)	206.3	N.A.	2.6
BH - Back-High (60-80)	18.3	N.A.	0.2
BVH - Back-Very High (80-90)	1.3	N.A.	0.0
UL - Uplight-Low (90-100)	2.5	N.A.	0.0
UH - Uplight-High (100-180)	4005.3	N.A.	50.0
Total	8015.6	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	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182
5	25082.465	25092.225	25101.986	25111.735	25121.496	25136.808	25157.685	25178.549	25199.425	25220.290
10	7516.721	7531.758	7546.795	7561.831	7576.868	7622.938	7700.052	7777.166	7854.269	7931.383
15	2475.980	2479.337	2482.683	2486.040	2489.386	2504.842	2532.410	2559.965	2587.532	2615.088
20	1617.926	1617.146	1616.367	1615.587	1614.808	1617.110	1622.518	1627.914	1633.322	1638.718
25	1444.895	1443.840	1442.773	1441.718	1440.650	1440.243	1440.482	1440.734	1440.974	1441.214
30	1148.861	1147.278	1145.695	1144.100	1142.517	1139.879	1136.198	1132.517	1128.836	1125.154
35	463.681	464.736	465.792	466.835	467.890	468.346	468.190	468.034	467.878	467.722
40	83.829	84.729	85.628	86.527	87.427	88.530	89.861	91.192	92.523	93.854
45	48.120	48.144	48.168	48.204	48.228	48.252	48.264	48.288	48.300	48.324
50	44.559	44.487	44.415	44.355	44.283	44.187	44.067	43.947	43.827	43.707
55	43.036	42.880	42.724	42.568	42.412	42.208	41.981	41.741	41.513	41.273
60	34.882	34.810	34.738	34.654	34.582	34.438	34.222	33.995	33.779	33.563
65	24.390	24.330	24.270	24.210	24.150	24.114	24.102	24.090	24.078	24.066
70	16.763	16.763	16.751	16.751	16.739	16.739	16.751	16.751	16.763	16.763
75	11.487	11.475	11.451	11.439	11.427	11.415	11.415	11.403	11.403	11.403
80	6.271	6.271	6.271	6.259	6.259	6.259	6.259	6.271	6.271	6.271
85	1.319	1.319	1.319	1.295	1.295	1.295	1.295	1.283	1.283	1.283
90	0.480	0.480	0.480	0.504	0.504	0.504	0.504	0.528	0.528	0.528
95	1.319	1.319	1.319	1.295	1.295	1.295	1.295	1.283	1.283	1.283
100	6.271	6.271	6.271	6.259	6.259	6.259	6.259	6.271	6.271	6.271
105	11.487	11.475	11.451	11.439	11.427	11.415	11.415	11.403	11.403	11.403
110	16.763	16.763	16.751	16.751	16.739	16.739	16.751	16.751	16.763	16.763
115	24.390	24.330	24.270	24.210	24.150	24.114	24.102	24.090	24.078	24.066
120	34.882	34.810	34.738	34.654	34.582	34.438	34.222	33.995	33.779	33.563
125	43.036	42.880	42.724	42.568	42.412	42.208	41.981	41.741	41.513	41.273
130	44.559	44.487	44.415	44.355	44.283	44.187	44.067	43.947	43.827	43.707
135	48.120	48.144	48.168	48.204	48.228	48.252	48.264	48.288	48.300	48.324
140	83.829	84.729	85.628	86.527	87.427	88.530	89.861	91.192	92.523	93.854
145	463.681	464.736	465.792	466.835	467.890	468.346	468.190	468.034	467.878	467.722
150	1148.861	1147.278	1145.695	1144.100	1142.517	1139.879	1136.198	1132.517	1128.836	1125.154
155	1444.895	1443.840	1442.773	1441.718	1440.650	1440.243	1440.482	1440.734	1440.974	1441.214
160	1617.926	1617.146	1616.367	1615.587	1614.808	1617.110	1622.518	1627.914	1633.322	1638.718
165	2475.980	2479.337	2482.683	2486.040	2489.386	2504.842	2532.410	2559.965	2587.532	2615.088
170	7516.721	7531.758	7546.795	7561.831	7576.868	7622.938	7700.052	7777.166	7854.269	7931.383
175	25082.489	25092.249	25102.010	25111.759	25121.520	25136.832	25157.708	25178.573	25199.449	25220.314
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182
5	25283.410	25346.543	25409.664	25472.797	25506.360	25510.353	25514.346	25518.339	25522.332	25518.339
10	7992.213	8053.044	8113.874	8174.705	8220.283	8250.584	8280.885	8311.187	8341.488	8311.187
15	2626.527	2637.967	2649.406	2660.846	2677.189	2698.425	2719.662	2740.910	2762.146	2740.910
20	1643.958	1649.210	1654.450	1659.690	1664.175	1667.892	1671.598	1675.315	1679.032	1675.315
25	1442.353	1443.492	1444.631	1445.770	1447.809	1450.735	1453.661	1456.586	1459.512	1456.586
30	1126.186	1127.205	1128.236	1129.255	1130.958	1133.344	1135.730	1138.117	1140.503	1138.117
35	471.451	475.169	478.898	482.627	484.641	484.965	485.289	485.601	485.924	485.601
40	95.664	97.475	99.286	101.096	101.948	101.840	101.744	101.636	101.540	101.636
45	48.300	48.288	48.264	48.252	48.264	48.312	48.372	48.420	48.468	48.420
50	43.647	43.587	43.527	43.467	43.432	43.396	43.360	43.336	43.300	43.336
55	41.153	41.021	40.901	40.770	40.698	40.662	40.638	40.602	40.578	40.602

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## CANDELA TABULATION - (Cont.)

60	33.503	33.443	33.383	33.323	33.347	33.455	33.563	33.671	33.779	33.671
65	24.042	24.018	23.994	23.970	23.982	24.018	24.054	24.102	24.138	24.102
70	16.751	16.739	16.727	16.715	16.715	16.727	16.739	16.751	16.763	16.751
75	11.379	11.367	11.344	11.332	11.320	11.332	11.344	11.344	11.356	11.344
80	6.271	6.283	6.271	6.283	6.283	6.295	6.307	6.307	6.319	6.307
85	1.283	1.283	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271
90	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
95	1.283	1.283	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271
100	6.271	6.283	6.271	6.283	6.283	6.295	6.307	6.307	6.319	6.307
105	11.379	11.367	11.344	11.332	11.320	11.332	11.344	11.344	11.356	11.344
110	16.751	16.739	16.727	16.715	16.715	16.727	16.739	16.751	16.763	16.751
115	24.042	24.018	23.994	23.970	23.982	24.018	24.054	24.102	24.138	24.102
120	33.503	33.443	33.383	33.323	33.347	33.455	33.563	33.671	33.779	33.671
125	41.153	41.021	40.901	40.770	40.698	40.662	40.638	40.602	40.578	40.602
130	43.647	43.587	43.527	43.467	43.432	43.396	43.360	43.336	43.300	43.336
135	48.300	48.288	48.264	48.252	48.264	48.312	48.372	48.420	48.468	48.420
140	95.664	97.475	99.286	101.096	101.948	101.840	101.744	101.636	101.540	101.636
145	471.451	475.169	478.898	482.627	484.641	484.965	485.289	485.601	485.924	485.601
150	1126.186	1127.205	1128.236	1129.255	1130.958	1133.344	1135.730	1138.117	1140.503	1138.117
155	1442.353	1443.492	1444.631	1445.770	1447.809	1450.735	1453.661	1456.586	1459.512	1456.586
160	1643.958	1649.210	1654.450	1659.690	1664.175	1667.892	1671.598	1675.315	1679.032	1675.315
165	2626.527	2637.967	2649.406	2660.846	2677.189	2698.425	2719.662	2740.910	2762.146	2740.910
170	7992.213	8053.044	8113.874	8174.705	8220.283	8250.584	8280.885	8311.187	8341.488	8311.187
175	25283.434	25346.567	25409.688	25472.821	25506.372	25510.377	25514.370	25518.363	25522.356	25518.363
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182
5	25514.346	25510.353	25506.360	25472.797	25409.664	25346.543	25283.410	25220.290	25199.425	25178.549
10	8280.885	8250.584	8220.283	8174.705	8113.874	8053.044	7992.213	7931.383	7854.269	7777.166
15	2719.662	2698.425	2677.189	2660.846	2649.406	2637.967	2626.527	2615.088	2587.532	2559.965
20	1671.598	1667.892	1664.175	1659.690	1654.450	1649.210	1643.958	1638.718	1633.322	1627.914
25	1453.661	1450.735	1447.809	1445.770	1444.631	1443.492	1442.353	1441.214	1440.974	1440.734
30	1135.730	1133.344	1130.958	1129.255	1128.236	1127.205	1126.186	1125.154	1128.836	1132.517
35	485.289	484.965	484.641	482.627	478.898	475.169	471.451	467.722	467.878	468.034
40	101.744	101.840	101.948	101.096	99.286	97.475	95.664	93.854	92.523	91.192
45	48.372	48.312	48.264	48.252	48.264	48.288	48.300	48.324	48.300	48.288
50	43.360	43.396	43.432	43.467	43.527	43.587	43.647	43.707	43.827	43.947
55	40.638	40.662	40.698	40.770	40.901	41.021	41.153	41.273	41.513	41.741
60	33.563	33.455	33.347	33.323	33.383	33.443	33.503	33.563	33.779	33.995
65	24.054	24.018	23.982	23.970	23.994	24.018	24.042	24.066	24.078	24.090
70	16.739	16.727	16.715	16.715	16.727	16.739	16.751	16.763	16.763	16.751
75	11.344	11.332	11.320	11.332	11.344	11.367	11.379	11.403	11.403	11.403
80	6.307	6.295	6.283	6.283	6.271	6.283	6.271	6.271	6.271	6.271
85	1.271	1.271	1.271	1.271	1.271	1.283	1.283	1.283	1.283	1.283
90	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
95	1.271	1.271	1.271	1.271	1.271	1.283	1.283	1.283	1.283	1.283
100	6.307	6.295	6.283	6.283	6.271	6.283	6.271	6.271	6.271	6.271
105	11.344	11.332	11.320	11.332	11.344	11.367	11.379	11.403	11.403	11.403
110	16.739	16.727	16.715	16.715	16.727	16.739	16.751	16.763	16.763	16.751
115	24.054	24.018	23.982	23.970	23.994	24.018	24.042	24.066	24.078	24.090
120	33.563	33.455	33.347	33.323	33.383	33.443	33.503	33.563	33.779	33.995
125	40.638	40.662	40.698	40.770	40.901	41.021	41.153	41.273	41.513	41.741
130	43.360	43.396	43.432	43.467	43.527	43.587	43.647	43.707	43.827	43.947

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## CANDELA TABULATION - (Cont.)

135	48.372	48.312	48.264	48.252	48.264	48.288	48.300	48.324	48.300	48.288
140	101.744	101.840	101.948	101.096	99.286	97.475	95.664	93.854	92.523	91.192
145	485.289	484.965	484.641	482.627	478.898	475.169	471.451	467.722	467.878	468.034
150	1135.730	1133.344	1130.958	1129.255	1128.236	1127.205	1126.186	1125.154	1128.836	1132.517
155	1453.661	1450.735	1447.809	1445.770	1444.631	1443.492	1442.353	1441.214	1440.974	1440.734
160	1671.598	1667.892	1664.175	1659.690	1654.450	1649.210	1643.958	1638.718	1633.322	1627.914
165	2719.662	2698.425	2677.189	2660.846	2649.406	2637.967	2626.527	2615.088	2587.532	2559.965
170	8280.885	8250.584	8220.283	8174.705	8113.874	8053.044	7992.213	7931.383	7854.269	7777.166
175	25514.370	25510.365	25506.372	25472.821	25409.688	25346.567	25283.434	25220.314	25199.437	25178.573
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

## 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	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182
5	25157.685	25136.808	25121.496	25111.735	25101.986	25092.225	25082.465	25092.225	25101.986	25111.735
10	7700.052	7622.938	7576.868	7561.831	7546.795	7531.758	7516.721	7531.758	7546.795	7561.831
15	2532.410	2504.842	2489.386	2486.040	2482.683	2479.337	2475.980	2479.337	2482.683	2486.040
20	1622.518	1617.110	1614.808	1615.587	1616.367	1617.146	1617.926	1617.146	1616.367	1615.587
25	1440.482	1440.243	1440.650	1441.718	1442.773	1443.840	1444.895	1443.840	1442.773	1441.718
30	1136.198	1139.879	1142.517	1144.100	1145.695	1147.278	1148.861	1147.278	1145.695	1144.100
35	468.190	468.346	467.890	466.835	465.792	464.736	463.681	464.736	465.792	466.835
40	89.861	88.530	87.427	86.527	85.628	84.729	83.829	84.729	85.628	86.527
45	48.264	48.252	48.228	48.204	48.168	48.144	48.120	48.144	48.168	48.204
50	44.067	44.187	44.283	44.355	44.415	44.487	44.559	44.487	44.415	44.355
55	41.981	42.208	42.412	42.568	42.724	42.880	43.036	42.880	42.724	42.568
60	34.222	34.438	34.582	34.654	34.738	34.810	34.882	34.810	34.738	34.654
65	24.102	24.114	24.150	24.210	24.270	24.330	24.390	24.330	24.270	24.210
70	16.751	16.739	16.739	16.751	16.751	16.763	16.763	16.763	16.751	16.751
75	11.415	11.415	11.427	11.439	11.451	11.475	11.487	11.475	11.451	11.439
80	6.259	6.259	6.259	6.259	6.271	6.271	6.271	6.271	6.271	6.259
85	1.295	1.295	1.295	1.295	1.319	1.319	1.319	1.319	1.319	1.295
90	0.504	0.504	0.504	0.504	0.480	0.480	0.480	0.480	0.480	0.504
95	1.295	1.295	1.295	1.295	1.319	1.319	1.319	1.319	1.319	1.295
100	6.259	6.259	6.259	6.259	6.271	6.271	6.271	6.271	6.271	6.259
105	11.415	11.415	11.427	11.439	11.451	11.475	11.487	11.475	11.451	11.439
110	16.751	16.739	16.739	16.751	16.751	16.763	16.763	16.763	16.751	16.751
115	24.102	24.114	24.150	24.210	24.270	24.330	24.390	24.330	24.270	24.210
120	34.222	34.438	34.582	34.654	34.738	34.810	34.882	34.810	34.738	34.654
125	41.981	42.208	42.412	42.568	42.724	42.880	43.036	42.880	42.724	42.568
130	44.067	44.187	44.283	44.355	44.415	44.487	44.559	44.487	44.415	44.355
135	48.264	48.252	48.228	48.204	48.168	48.144	48.120	48.144	48.168	48.204
140	89.861	88.530	87.427	86.527	85.628	84.729	83.829	84.729	85.628	86.527
145	468.190	468.346	467.890	466.835	465.792	464.736	463.681	464.736	465.792	466.835
150	1136.198	1139.879	1142.517	1144.100	1145.695	1147.278	1148.861	1147.278	1145.695	1144.100
155	1440.482	1440.243	1440.650	1441.718	1442.773	1443.840	1444.895	1443.840	1442.773	1441.718
160	1622.518	1617.110	1614.808	1615.587	1616.367	1617.146	1617.926	1617.146	1616.367	1615.587
165	2532.410	2504.842	2489.386	2486.040	2482.683	2479.337	2475.980	2479.337	2482.683	2486.040
170	7700.052	7622.938	7576.868	7561.831	7546.795	7531.758	7516.721	7531.758	7546.795	7561.831
175	25157.708	25136.832	25121.520	25111.759	25101.998	25092.249	25082.489	25092.249	25101.998	25111.759
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

## 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	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

5	25121.496	25136.808	25157.685	25178.549	25199.425	25220.290	25283.410	25346.543	25409.664	25472.797
10	7576.868	7622.938	7700.052	7777.166	7854.269	7931.383	7992.213	8053.044	8113.874	8174.705
15	2489.386	2504.842	2532.410	2559.965	2587.532	2615.088	2626.527	2637.967	2649.406	2660.846
20	1614.808	1617.110	1622.518	1627.914	1633.322	1638.718	1643.958	1649.210	1654.450	1659.690
25	1440.650	1440.243	1440.482	1440.734	1440.974	1441.214	1442.353	1443.492	1444.631	1445.770
30	1142.517	1139.879	1136.198	1132.517	1128.836	1125.154	1126.186	1127.205	1128.236	1129.255
35	467.890	468.346	468.190	468.034	467.878	467.722	471.451	475.169	478.898	482.627
40	87.427	88.530	89.861	91.192	92.523	93.854	95.664	97.475	99.286	101.096
45	48.228	48.252	48.264	48.288	48.300	48.324	48.300	48.288	48.264	48.252
50	44.283	44.187	44.067	43.947	43.827	43.707	43.647	43.587	43.527	43.467
55	42.412	42.208	41.981	41.741	41.513	41.273	41.153	41.021	40.901	40.770
60	34.582	34.438	34.222	33.995	33.779	33.563	33.503	33.443	33.383	33.323
65	24.150	24.114	24.102	24.090	24.078	24.066	24.042	24.018	23.994	23.970
70	16.739	16.739	16.751	16.751	16.763	16.763	16.751	16.739	16.727	16.715
75	11.427	11.415	11.415	11.403	11.403	11.403	11.379	11.367	11.344	11.332
80	6.259	6.259	6.259	6.271	6.271	6.271	6.271	6.283	6.271	6.283
85	1.295	1.295	1.295	1.283	1.283	1.283	1.283	1.283	1.271	1.271
90	0.504	0.504	0.504	0.528	0.528	0.528	0.528	0.528	0.528	0.528
95	1.295	1.295	1.295	1.283	1.283	1.283	1.283	1.283	1.271	1.271
100	6.259	6.259	6.259	6.271	6.271	6.271	6.271	6.283	6.271	6.283
105	11.427	11.415	11.415	11.403	11.403	11.403	11.379	11.367	11.344	11.332
110	16.739	16.739	16.751	16.751	16.763	16.763	16.751	16.739	16.727	16.715
115	24.150	24.114	24.102	24.090	24.078	24.066	24.042	24.018	23.994	23.970
120	34.582	34.438	34.222	33.995	33.779	33.563	33.503	33.443	33.383	33.323
125	42.412	42.208	41.981	41.741	41.513	41.273	41.153	41.021	40.901	40.770
130	44.283	44.187	44.067	43.947	43.827	43.707	43.647	43.587	43.527	43.467
135	48.228	48.252	48.264	48.288	48.300	48.324	48.300	48.288	48.264	48.252
140	87.427	88.530	89.861	91.192	92.523	93.854	95.664	97.475	99.286	101.096
145	467.890	468.346	468.190	468.034	467.878	467.722	471.451	475.169	478.898	482.627
150	1142.517	1139.879	1136.198	1132.517	1128.836	1125.154	1126.186	1127.205	1128.236	1129.255
155	1440.650	1440.243	1440.482	1440.734	1440.974	1441.214	1442.353	1443.492	1444.631	1445.770
160	1614.808	1617.110	1622.518	1627.914	1633.322	1638.718	1643.958	1649.210	1654.450	1659.690
165	2489.386	2504.842	2532.410	2559.965	2587.532	2615.088	2626.527	2637.967	2649.406	2660.846
170	7576.868	7622.938	7700.052	7777.166	7854.269	7931.383	7992.213	8053.044	8113.874	8174.705
175	25121.520	25136.832	25157.708	25178.573	25199.437	25220.314	25283.434	25346.567	25409.688	25472.821
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

## 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	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182	37053.182
5	25506.360	25510.353	25514.346	25518.339	25522.332	25518.339	25514.346	25510.353	25506.360	25472.797
10	8220.283	8250.584	8280.885	8311.187	8341.488	8311.187	8280.885	8250.584	8220.283	8174.705
15	2677.189	2698.425	2719.662	2740.910	2762.146	2740.910	2719.662	2698.425	2677.189	2660.846
20	1664.175	1667.892	1671.598	1675.315	1679.032	1675.315	1671.598	1667.892	1664.175	1659.690
25	1447.809	1450.735	1453.661	1456.586	1459.512	1456.586	1453.661	1450.735	1447.809	1445.770
30	1130.958	1133.344	1135.730	1138.117	1140.503	1138.117	1135.730	1133.344	1130.958	1129.255
35	484.641	484.965	485.289	485.601	485.924	485.601	485.289	484.965	484.641	482.627
40	101.948	101.840	101.744	101.636	101.540	101.636	101.744	101.840	101.948	101.096
45	48.264	48.312	48.372	48.420	48.468	48.420	48.372	48.312	48.264	48.252
50	43.432	43.396	43.360	43.336	43.300	43.336	43.360	43.396	43.432	43.467
55	40.698	40.662	40.638	40.602	40.578	40.602	40.638	40.662	40.698	40.770
60	33.347	33.455	33.563	33.671	33.779	33.671	33.563	33.455	33.347	33.323
65	23.982	24.018	24.054	24.102	24.138	24.102	24.054	24.018	23.982	23.970
70	16.715	16.727	16.739	16.751	16.763	16.751	16.739	16.727	16.715	16.715
75	11.320	11.332	11.344	11.344	11.356	11.344	11.344	11.332	11.320	11.332

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

80	6.283	6.295	6.307	6.307	6.319	6.307	6.307	6.295	6.283	6.283
85	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271
90	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
95	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271
100	6.283	6.295	6.307	6.307	6.319	6.307	6.307	6.295	6.283	6.283
105	11.320	11.332	11.344	11.344	11.356	11.344	11.344	11.332	11.320	11.332
110	16.715	16.727	16.739	16.751	16.763	16.751	16.739	16.727	16.715	16.715
115	23.982	24.018	24.054	24.102	24.138	24.102	24.054	24.018	23.982	23.970
120	33.347	33.455	33.563	33.671	33.779	33.671	33.563	33.455	33.347	33.323
125	40.698	40.662	40.638	40.602	40.578	40.602	40.638	40.662	40.698	40.770
130	43.432	43.396	43.360	43.336	43.300	43.336	43.360	43.396	43.432	43.467
135	48.264	48.312	48.372	48.420	48.468	48.420	48.372	48.312	48.264	48.252
140	101.948	101.840	101.744	101.636	101.540	101.636	101.744	101.840	101.948	101.096
145	484.641	484.965	485.289	485.601	485.924	485.601	485.289	484.965	484.641	482.627
150	1130.958	1133.344	1135.730	1138.117	1140.503	1138.117	1135.730	1133.344	1130.958	1129.255
155	1447.809	1450.735	1453.661	1456.586	1459.512	1456.586	1453.661	1450.735	1447.809	1445.770
160	1664.175	1667.892	1671.598	1675.315	1679.032	1675.315	1671.598	1667.892	1664.175	1659.690
165	2677.189	2698.425	2719.662	2740.910	2762.146	2740.910	2719.662	2698.425	2677.189	2660.846
170	8220.283	8250.584	8280.885	8311.187	8341.488	8311.187	8280.885	8250.584	8220.283	8174.705
175	25506.37225510.36525514.37025518.36325522.35625518.36325514.37025510.37725506.37225472.821									
180	37052.28337052.28337052.28337052.28337052.28337052.28337052.28337052.28337052.28337052.283									

## 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	37053.18237053.18237053.18237053.18237053.18237053.18237053.18237053.18237053.18237053.182									
5	25409.66425346.54325283.41025220.29025199.42525178.54925157.68525136.80825121.49625111.735									
10	8113.874	8053.044	7992.213	7931.383	7854.269	7777.166	7700.052	7622.938	7576.868	7561.831
15	2649.406	2637.967	2626.527	2615.088	2587.532	2559.965	2532.410	2504.842	2489.386	2486.040
20	1654.450	1649.210	1643.958	1638.718	1633.322	1627.914	1622.518	1617.110	1614.808	1615.587
25	1444.631	1443.492	1442.353	1441.214	1440.974	1440.734	1440.482	1440.243	1440.650	1441.718
30	1128.236	1127.205	1126.186	1125.154	1128.836	1132.517	1136.198	1139.879	1142.517	1144.100
35	478.898	475.169	471.451	467.722	467.878	468.034	468.190	468.346	467.890	466.835
40	99.286	97.475	95.664	93.854	92.523	91.192	89.861	88.530	87.427	86.527
45	48.264	48.288	48.300	48.324	48.300	48.288	48.264	48.252	48.228	48.204
50	43.527	43.587	43.647	43.707	43.827	43.947	44.067	44.187	44.283	44.355
55	40.901	41.021	41.153	41.273	41.513	41.741	41.981	42.208	42.412	42.568
60	33.383	33.443	33.503	33.563	33.779	33.995	34.222	34.438	34.582	34.654
65	23.994	24.018	24.042	24.066	24.078	24.090	24.102	24.114	24.150	24.210
70	16.727	16.739	16.751	16.763	16.763	16.751	16.751	16.739	16.739	16.751
75	11.344	11.367	11.379	11.403	11.403	11.403	11.415	11.415	11.427	11.439
80	6.271	6.283	6.271	6.271	6.271	6.271	6.259	6.259	6.259	6.259
85	1.271	1.283	1.283	1.283	1.283	1.283	1.295	1.295	1.295	1.295
90	0.528	0.528	0.528	0.528	0.528	0.528	0.504	0.504	0.504	0.504
95	1.271	1.283	1.283	1.283	1.283	1.283	1.295	1.295	1.295	1.295
100	6.271	6.283	6.271	6.271	6.271	6.271	6.259	6.259	6.259	6.259
105	11.344	11.367	11.379	11.403	11.403	11.403	11.415	11.415	11.427	11.439
110	16.727	16.739	16.751	16.763	16.763	16.751	16.751	16.739	16.739	16.751
115	23.994	24.018	24.042	24.066	24.078	24.090	24.102	24.114	24.150	24.210
120	33.383	33.443	33.503	33.563	33.779	33.995	34.222	34.438	34.582	34.654
125	40.901	41.021	41.153	41.273	41.513	41.741	41.981	42.208	42.412	42.568
130	43.527	43.587	43.647	43.707	43.827	43.947	44.067	44.187	44.283	44.355
135	48.264	48.288	48.300	48.324	48.300	48.288	48.264	48.252	48.228	48.204
140	99.286	97.475	95.664	93.854	92.523	91.192	89.861	88.530	87.427	86.527
145	478.898	475.169	471.451	467.722	467.878	468.034	468.190	468.346	467.890	466.835
150	1128.236	1127.205	1126.186	1125.154	1128.836	1132.517	1136.198	1139.879	1142.517	1144.100

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1444.631	1443.492	1442.353	1441.214	1440.974	1440.734	1440.482	1440.243	1440.650	1441.718
160	1654.450	1649.210	1643.958	1638.718	1633.322	1627.914	1622.518	1617.110	1614.808	1615.587
165	2649.406	2637.967	2626.527	2615.088	2587.532	2559.965	2532.410	2504.842	2489.386	2486.040
170	8113.874	8053.044	7992.213	7931.383	7854.269	7777.166	7700.052	7622.938	7576.868	7561.831
175	25409.688	25346.567	25283.434	25220.314	25199.449	25178.573	25157.708	25136.832	25121.520	25111.759
180	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283	37052.283

## Vert. Horizontal Angles

	350	355	360
0	37053.182	37053.182	37053.182
5	25101.986	25092.225	25082.465
10	7546.795	7531.758	7516.721
15	2482.683	2479.337	2475.980
20	1616.367	1617.146	1617.926
25	1442.773	1443.840	1444.895
30	1145.695	1147.278	1148.861
35	465.792	464.736	463.681
40	85.628	84.729	83.829
45	48.168	48.144	48.120
50	44.415	44.487	44.559
55	42.724	42.880	43.036
60	34.738	34.810	34.882
65	24.270	24.330	24.390
70	16.751	16.763	16.763
75	11.451	11.475	11.487
80	6.271	6.271	6.271
85	1.319	1.319	1.319
90	0.480	0.480	0.480
95	1.319	1.319	1.319
100	6.271	6.271	6.271
105	11.451	11.475	11.487
110	16.751	16.763	16.763
115	24.270	24.330	24.390
120	34.738	34.810	34.882
125	42.724	42.880	43.036
130	44.415	44.487	44.559
135	48.168	48.144	48.120
140	85.628	84.729	83.829
145	465.792	464.736	463.681
150	1145.695	1147.278	1148.861
155	1442.773	1443.840	1444.895
160	1616.367	1617.146	1617.926
165	2482.683	2479.337	2475.980
170	7546.795	7531.758	7516.721
175	25102.010	25092.249	25082.489
180	37052.283	37052.283	37052.283



COEFFICIENTS OF UTILIZATION



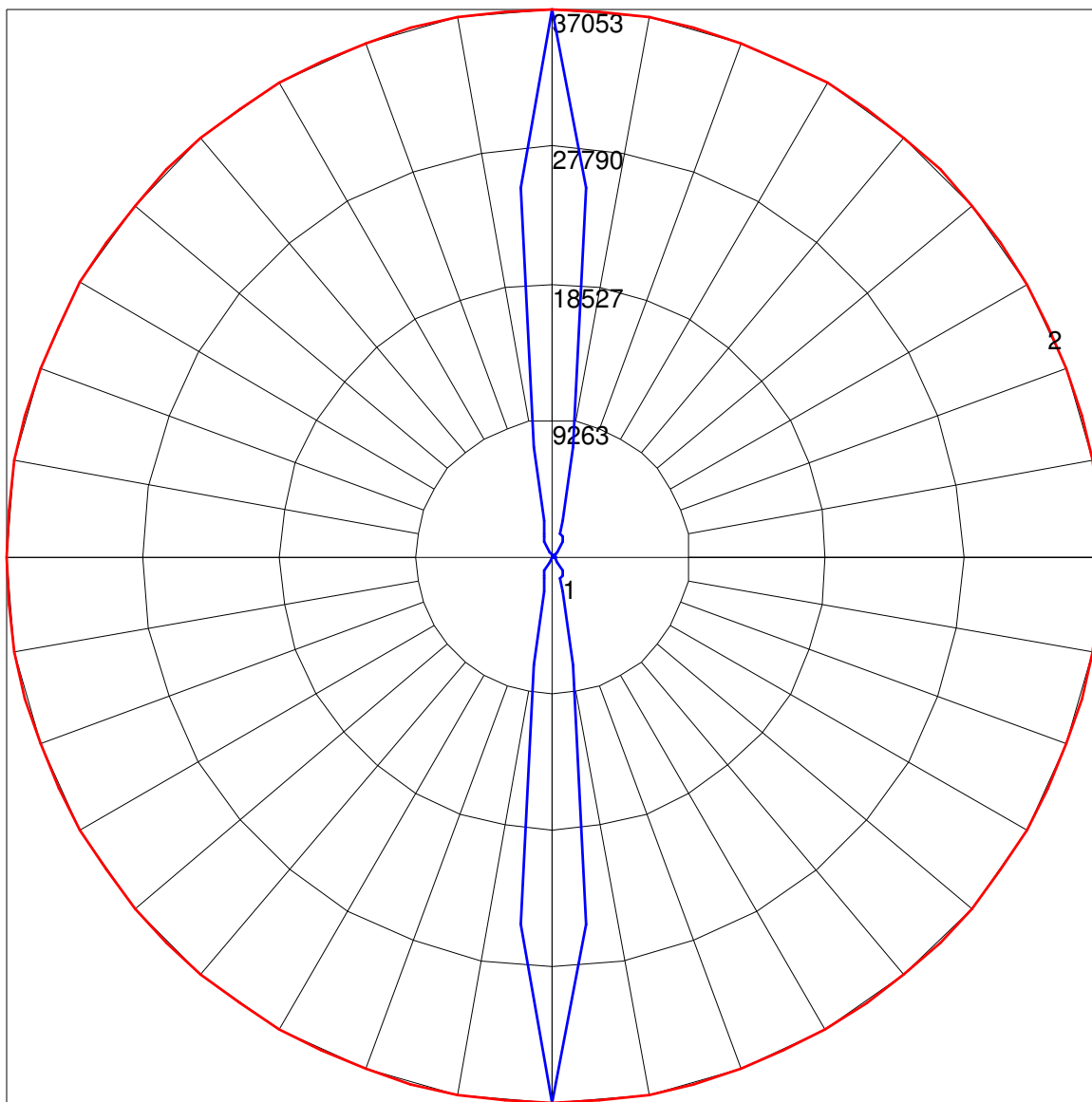
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2003.9	25.0
Downward House Side	2003.9	25.0
Downward Total	4007.8	50.0
Upward Street Side	2003.9	25.0
Upward House Side	2003.9	25.0
Upward Total	4007.8	50.0
Total Flux	8015.6	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-830U-L40-830D-XXX-DIM-UNV-S-XX\_.IES

## POLAR GRAPH

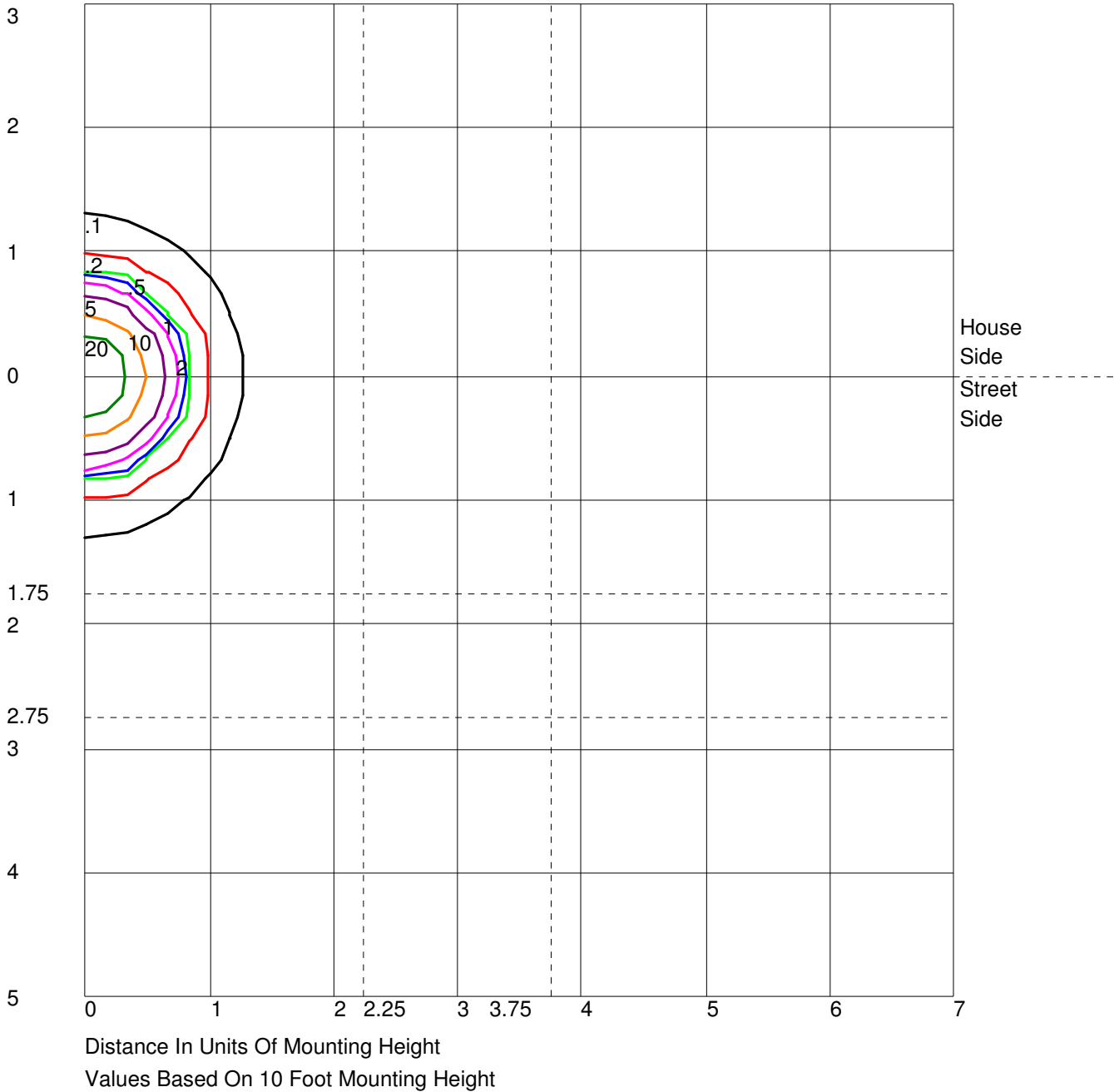


Maximum Candela = 37053.182 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

