

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-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-L40-827U-L40-827D-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	7095
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10234.288
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10234.288
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.626 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.214 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1386.5	N.A.	19.5
FM - Front-Medium (30-60)	359.7	N.A.	5.1
FH - Front-High (60-80)	26.1	N.A.	0.4
FVH - Front-Very High (80-90)	1.5	N.A.	0.0
BL - Back-Low (0-30)	1386.5	N.A.	19.5
BM - Back-Medium (30-60)	359.7	N.A.	5.1
BH - Back-High (60-80)	26.1	N.A.	0.4
BVH - Back-Very High (80-90)	1.5	N.A.	0.0
UL - Uplight-Low (90-100)	2.9	N.A.	0.0
UH - Uplight-High (100-180)	3544.4	N.A.	50.0
Total	7094.9	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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8812.480	8812.054	8811.628	8811.190	8810.764	8811.277	8812.730	8814.171	8815.624	8817.076
10	5838.193	5839.909	5841.638	5843.354	5845.069	5849.641	5857.055	5864.470	5871.885	5879.299
15	3651.581	3651.932	3652.270	3652.620	3652.959	3655.589	3660.498	3665.408	3670.318	3675.227
20	2560.598	2560.974	2561.349	2561.713	2562.088	2563.441	2565.758	2568.088	2570.405	2572.734
25	2046.249	2044.721	2043.180	2041.652	2040.112	2039.148	2038.759	2038.358	2037.970	2037.569
30	1553.918	1552.165	1550.424	1548.670	1546.930	1543.560	1538.563	1533.566	1528.581	1523.584
35	732.315	732.678	733.054	733.417	733.780	734.319	735.020	735.722	736.423	737.125
40	263.155	264.107	265.059	266.023	266.975	268.653	271.058	273.450	275.855	278.260
45	166.753	166.966	167.179	167.392	167.605	167.955	168.444	168.932	169.421	169.909
50	115.502	115.652	115.803	115.966	116.116	116.366	116.717	117.080	117.431	117.782
55	78.817	78.905	78.993	79.081	79.168	79.344	79.581	79.832	80.070	80.320
60	52.027	52.090	52.153	52.215	52.278	52.378	52.541	52.704	52.866	53.029
65	34.869	34.881	34.906	34.919	34.931	34.994	35.094	35.194	35.294	35.395
70	23.321	23.321	23.333	23.333	23.346	23.371	23.409	23.459	23.496	23.546
75	14.604	14.591	14.591	14.579	14.566	14.566	14.579	14.591	14.604	14.616
80	7.089	7.089	7.089	7.101	7.101	7.114	7.127	7.139	7.164	7.177
85	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
90	0.551	0.551	0.551	0.576	0.576	0.576	0.576	0.601	0.601	0.601
95	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
100	7.089	7.089	7.089	7.101	7.101	7.114	7.127	7.139	7.164	7.177
105	14.604	14.591	14.591	14.579	14.566	14.566	14.579	14.591	14.604	14.616
110	23.321	23.321	23.333	23.333	23.346	23.371	23.409	23.459	23.496	23.546
115	34.869	34.881	34.906	34.919	34.931	34.994	35.094	35.194	35.294	35.395
120	52.027	52.090	52.153	52.215	52.278	52.378	52.541	52.704	52.866	53.029
125	78.817	78.905	78.993	79.081	79.168	79.344	79.581	79.832	80.070	80.320
130	115.502	115.652	115.803	115.966	116.116	116.366	116.717	117.080	117.431	117.782
135	166.753	166.966	167.179	167.392	167.605	167.955	168.444	168.932	169.421	169.909
140	263.155	264.107	265.059	266.023	266.975	268.653	271.058	273.450	275.855	278.260
145	732.315	732.678	733.054	733.417	733.780	734.319	735.020	735.722	736.423	737.125
150	1553.918	1552.165	1550.424	1548.670	1546.930	1543.560	1538.563	1533.566	1528.581	1523.584
155	2046.249	2044.721	2043.180	2041.652	2040.112	2039.148	2038.759	2038.358	2037.970	2037.569
160	2560.598	2560.974	2561.349	2561.713	2562.088	2563.441	2565.758	2568.088	2570.405	2572.734
165	3651.581	3651.932	3652.270	3652.620	3652.959	3655.589	3660.498	3665.408	3670.318	3675.227
170	5838.193	5839.909	5841.638	5843.354	5845.069	5849.641	5857.055	5864.470	5871.885	5879.299
175	8812.480	8812.054	8811.628	8811.202	8810.764	8811.277	8812.730	8814.183	8815.624	8817.076
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8817.214	8817.352	8817.490	8817.627	8818.003	8818.604	8819.218	8819.819	8820.420	8819.819
10	5887.916	5896.546	5905.163	5913.792	5920.530	5925.377	5930.237	5935.084	5939.943	5935.084
15	3681.690	3688.153	3694.603	3701.066	3706.076	3709.620	3713.164	3716.721	3720.266	3716.721
20	2575.690	2578.633	2581.589	2584.533	2587.025	2589.054	2591.070	2593.099	2595.128	2593.099
25	2038.196	2038.809	2039.436	2040.049	2041.164	2042.767	2044.370	2045.973	2047.577	2045.973
30	1524.548	1525.500	1526.464	1527.429	1528.844	1530.710	1532.576	1534.442	1536.309	1534.442
35	740.168	743.199	746.242	749.286	751.152	751.866	752.580	753.294	754.008	753.294
40	279.512	280.777	282.030	283.295	284.497	285.649	286.801	287.954	289.106	287.954
45	170.034	170.172	170.297	170.435	170.560	170.686	170.798	170.924	171.049	170.924
50	117.995	118.207	118.420	118.633	118.784	118.871	118.971	119.059	119.159	119.059
55	80.496	80.684	80.859	81.047	81.172	81.260	81.347	81.423	81.510	81.423

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CANDELA TABULATION - (Cont.)

60	53.142	53.242	53.355	53.468	53.555	53.618	53.693	53.756	53.831	53.756
65	35.445	35.495	35.532	35.582	35.620	35.633	35.658	35.670	35.695	35.670
70	23.559	23.584	23.596	23.609	23.621	23.609	23.609	23.596	23.596	23.596
75	14.629	14.629	14.641	14.654	14.654	14.641	14.629	14.616	14.604	14.616
80	7.189	7.202	7.202	7.214	7.214	7.214	7.202	7.202	7.202	7.202
85	1.528	1.528	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515
90	0.601	0.601	0.626	0.626	0.626	0.626	0.626	0.626	0.626	0.626
95	1.528	1.528	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515
100	7.189	7.202	7.202	7.214	7.214	7.214	7.202	7.202	7.202	7.202
105	14.629	14.629	14.641	14.654	14.654	14.641	14.629	14.616	14.604	14.616
110	23.559	23.584	23.596	23.609	23.621	23.609	23.609	23.596	23.596	23.596
115	35.445	35.495	35.532	35.582	35.620	35.633	35.658	35.670	35.695	35.670
120	53.142	53.242	53.355	53.468	53.555	53.618	53.693	53.756	53.831	53.756
125	80.496	80.684	80.859	81.047	81.172	81.260	81.347	81.423	81.510	81.423
130	117.995	118.207	118.420	118.633	118.784	118.871	118.971	119.059	119.159	119.059
135	170.034	170.172	170.297	170.435	170.560	170.686	170.798	170.924	171.049	170.924
140	279.512	280.777	282.030	283.295	284.497	285.649	286.801	287.954	289.106	287.954
145	740.168	743.199	746.242	749.286	751.152	751.866	752.580	753.294	754.008	753.294
150	1524.548	1525.500	1526.464	1527.429	1528.844	1530.710	1532.576	1534.442	1536.309	1534.442
155	2038.196	2038.809	2039.436	2040.049	2041.164	2042.767	2044.370	2045.973	2047.577	2045.973
160	2575.690	2578.633	2581.589	2584.533	2587.025	2589.054	2591.070	2593.099	2595.128	2593.099
165	3681.690	3688.153	3694.603	3701.066	3706.076	3709.620	3713.164	3716.721	3720.266	3716.721
170	5887.916	5896.546	5905.163	5913.792	5920.530	5925.377	5930.237	5935.084	5939.943	5935.084
175	8817.214	8817.352	8817.502	8817.640	8818.003	8818.617	8819.218	8819.819	8820.420	8819.819
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8819.218	8818.604	8818.003	8817.627	8817.490	8817.352	8817.214	8817.076	8815.624	8814.171
10	5930.237	5925.377	5920.530	5913.792	5905.163	5896.546	5887.916	5879.299	5871.885	5864.470
15	3713.164	3709.620	3706.076	3701.066	3694.603	3688.153	3681.690	3675.227	3670.318	3665.408
20	2591.070	2589.054	2587.025	2584.533	2581.589	2578.633	2575.690	2572.734	2570.405	2568.088
25	2044.370	2042.767	2041.164	2040.049	2039.436	2038.809	2038.196	2037.569	2037.970	2038.358
30	1532.576	1530.710	1528.844	1527.429	1526.464	1525.500	1524.548	1523.584	1522.581	1521.566
35	752.580	751.866	751.152	749.286	746.242	743.199	740.168	737.125	736.423	735.722
40	286.801	285.649	284.497	283.295	282.030	280.777	279.512	278.260	275.855	273.450
45	170.798	170.686	170.560	170.435	170.297	170.172	170.034	169.909	169.421	168.932
50	118.971	118.871	118.784	118.633	118.420	118.207	117.995	117.782	117.431	117.080
55	81.347	81.260	81.172	81.047	80.859	80.684	80.496	80.320	80.070	79.832
60	53.693	53.618	53.555	53.468	53.355	53.242	53.142	53.029	52.866	52.704
65	35.658	35.633	35.620	35.582	35.532	35.495	35.445	35.395	35.294	35.194
70	23.609	23.609	23.621	23.609	23.596	23.584	23.559	23.546	23.496	23.459
75	14.629	14.641	14.654	14.654	14.641	14.629	14.629	14.616	14.604	14.591
80	7.202	7.214	7.214	7.214	7.202	7.202	7.189	7.177	7.164	7.139
85	1.515	1.515	1.515	1.515	1.515	1.528	1.528	1.528	1.528	1.528
90	0.626	0.626	0.626	0.626	0.626	0.601	0.601	0.601	0.601	0.601
95	1.515	1.515	1.515	1.515	1.515	1.528	1.528	1.528	1.528	1.528
100	7.202	7.214	7.214	7.214	7.202	7.202	7.189	7.177	7.164	7.139
105	14.629	14.641	14.654	14.654	14.641	14.629	14.629	14.616	14.604	14.591
110	23.609	23.609	23.621	23.609	23.596	23.584	23.559	23.546	23.496	23.459
115	35.658	35.633	35.620	35.582	35.532	35.495	35.445	35.395	35.294	35.194
120	53.693	53.618	53.555	53.468	53.355	53.242	53.142	53.029	52.866	52.704
125	81.347	81.260	81.172	81.047	80.859	80.684	80.496	80.320	80.070	79.832
130	118.971	118.871	118.784	118.633	118.420	118.207	117.995	117.782	117.431	117.080

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CANDELA TABULATION - (Cont.)

135	170.798	170.686	170.560	170.435	170.297	170.172	170.034	169.909	169.421	168.932
140	286.801	285.649	284.497	283.295	282.030	280.777	279.512	278.260	275.855	273.450
145	752.580	751.866	751.152	749.286	746.242	743.199	740.168	737.125	736.423	735.722
150	1532.576	1530.710	1528.844	1527.429	1526.464	1525.500	1524.548	1523.584	1528.581	1533.566
155	2044.370	2042.767	2041.164	2040.049	2039.436	2038.809	2038.196	2037.569	2037.970	2038.358
160	2591.070	2589.054	2587.025	2584.533	2581.589	2578.633	2575.690	2572.734	2570.405	2568.088
165	3713.164	3709.620	3706.076	3701.066	3694.603	3688.153	3681.690	3675.227	3670.318	3665.408
170	5930.237	5925.377	5920.530	5913.792	5905.163	5896.546	5887.916	5879.299	5871.885	5864.470
175	8819.218	8818.617	8818.003	8817.640	8817.502	8817.352	8817.214	8817.076	8815.624	8814.183
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8812.730	8811.277	8810.764	8811.190	8811.628	8812.054	8812.480	8812.054	8811.628	8811.190
10	5857.055	5849.641	5845.069	5843.354	5841.638	5839.909	5838.193	5839.909	5841.638	5843.354
15	3660.498	3655.589	3652.959	3652.620	3652.270	3651.932	3651.581	3651.932	3652.270	3652.620
20	2565.758	2563.441	2562.088	2561.713	2561.349	2560.974	2560.598	2560.974	2561.349	2561.713
25	2038.759	2039.148	2040.112	2041.652	2043.180	2044.721	2046.249	2044.721	2043.180	2041.652
30	1538.563	1543.560	1546.930	1548.670	1550.424	1552.165	1553.918	1552.165	1550.424	1548.670
35	735.020	734.319	733.780	733.417	733.054	732.678	732.315	732.678	733.054	733.417
40	271.058	268.653	266.975	266.023	265.059	264.107	263.155	264.107	265.059	266.023
45	168.444	167.955	167.605	167.392	167.179	166.966	166.753	166.966	167.179	167.392
50	116.717	116.366	116.116	115.966	115.803	115.652	115.502	115.652	115.803	115.966
55	79.581	79.344	79.168	79.081	78.993	78.905	78.817	78.905	78.993	79.081
60	52.541	52.378	52.278	52.215	52.153	52.090	52.027	52.090	52.153	52.215
65	35.094	34.994	34.931	34.919	34.906	34.881	34.869	34.881	34.906	34.919
70	23.409	23.371	23.346	23.333	23.333	23.321	23.321	23.321	23.333	23.333
75	14.579	14.566	14.566	14.579	14.591	14.591	14.604	14.591	14.591	14.579
80	7.127	7.114	7.101	7.101	7.089	7.089	7.089	7.089	7.089	7.101
85	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
90	0.576	0.576	0.576	0.576	0.551	0.551	0.551	0.551	0.551	0.576
95	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
100	7.127	7.114	7.101	7.101	7.089	7.089	7.089	7.089	7.089	7.101
105	14.579	14.566	14.566	14.579	14.591	14.591	14.604	14.591	14.591	14.579
110	23.409	23.371	23.346	23.333	23.333	23.321	23.321	23.321	23.333	23.333
115	35.094	34.994	34.931	34.919	34.906	34.881	34.869	34.881	34.906	34.919
120	52.541	52.378	52.278	52.215	52.153	52.090	52.027	52.090	52.153	52.215
125	79.581	79.344	79.168	79.081	78.993	78.905	78.817	78.905	78.993	79.081
130	116.717	116.366	116.116	115.966	115.803	115.652	115.502	115.652	115.803	115.966
135	168.444	167.955	167.605	167.392	167.179	166.966	166.753	166.966	167.179	167.392
140	271.058	268.653	266.975	266.023	265.059	264.107	263.155	264.107	265.059	266.023
145	735.020	734.319	733.780	733.417	733.054	732.678	732.315	732.678	733.054	733.417
150	1538.563	1543.560	1546.930	1548.670	1550.424	1552.165	1553.918	1552.165	1550.424	1548.670
155	2038.759	2039.148	2040.112	2041.652	2043.180	2044.721	2046.249	2044.721	2043.180	2041.652
160	2565.758	2563.441	2562.088	2561.713	2561.349	2560.974	2560.598	2560.974	2561.349	2561.713
165	3660.498	3655.589	3652.959	3652.620	3652.270	3651.932	3651.581	3651.932	3652.270	3652.620
170	5857.055	5849.641	5845.069	5843.354	5841.638	5839.909	5838.193	5839.909	5841.638	5843.354
175	8812.730	8811.277	8810.764	8811.202	8811.628	8812.054	8812.480	8812.054	8811.628	8811.202
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	8810.764	8811.277	8812.730	8814.171	8815.624	8817.076	8817.214	8817.352	8817.490	8817.627
10	5845.069	5849.641	5857.055	5864.470	5871.885	5879.299	5887.916	5896.546	5905.163	5913.792
15	3652.959	3655.589	3660.498	3665.408	3670.318	3675.227	3681.690	3688.153	3694.603	3701.066
20	2562.088	2563.441	2565.758	2568.088	2570.405	2572.734	2575.690	2578.633	2581.589	2584.533
25	2040.112	2039.148	2038.759	2038.358	2037.970	2037.569	2038.196	2038.809	2039.436	2040.049
30	1546.930	1543.560	1538.563	1533.566	1528.581	1523.584	1524.548	1525.500	1526.464	1527.429
35	733.780	734.319	735.020	735.722	736.423	737.125	740.168	743.199	746.242	749.286
40	266.975	268.653	271.058	273.450	275.855	278.260	279.512	280.777	282.030	283.295
45	167.605	167.955	168.444	168.932	169.421	169.909	170.034	170.172	170.297	170.435
50	116.116	116.366	116.717	117.080	117.431	117.782	117.995	118.207	118.420	118.633
55	79.168	79.344	79.581	79.832	80.070	80.320	80.496	80.684	80.859	81.047
60	52.278	52.378	52.541	52.704	52.866	53.029	53.142	53.242	53.355	53.468
65	34.931	34.994	35.094	35.194	35.294	35.395	35.445	35.495	35.532	35.582
70	23.346	23.371	23.409	23.459	23.496	23.546	23.559	23.584	23.596	23.609
75	14.566	14.566	14.579	14.591	14.604	14.616	14.629	14.629	14.641	14.654
80	7.101	7.114	7.127	7.139	7.164	7.177	7.189	7.202	7.202	7.214
85	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.515	1.515
90	0.576	0.576	0.576	0.601	0.601	0.601	0.601	0.601	0.626	0.626
95	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.515	1.515
100	7.101	7.114	7.127	7.139	7.164	7.177	7.189	7.202	7.202	7.214
105	14.566	14.566	14.579	14.591	14.604	14.616	14.629	14.629	14.641	14.654
110	23.346	23.371	23.409	23.459	23.496	23.546	23.559	23.584	23.596	23.609
115	34.931	34.994	35.094	35.194	35.294	35.395	35.445	35.495	35.532	35.582
120	52.278	52.378	52.541	52.704	52.866	53.029	53.142	53.242	53.355	53.468
125	79.168	79.344	79.581	79.832	80.070	80.320	80.496	80.684	80.859	81.047
130	116.116	116.366	116.717	117.080	117.431	117.782	117.995	118.207	118.420	118.633
135	167.605	167.955	168.444	168.932	169.421	169.909	170.034	170.172	170.297	170.435
140	266.975	268.653	271.058	273.450	275.855	278.260	279.512	280.777	282.030	283.295
145	733.780	734.319	735.020	735.722	736.423	737.125	740.168	743.199	746.242	749.286
150	1546.930	1543.560	1538.563	1533.566	1528.581	1523.584	1524.548	1525.500	1526.464	1527.429
155	2040.112	2039.148	2038.759	2038.358	2037.970	2037.569	2038.196	2038.809	2039.436	2040.049
160	2562.088	2563.441	2565.758	2568.088	2570.405	2572.734	2575.690	2578.633	2581.589	2584.533
165	3652.959	3655.589	3660.498	3665.408	3670.318	3675.227	3681.690	3688.153	3694.603	3701.066
170	5845.069	5849.641	5857.055	5864.470	5871.885	5879.299	5887.916	5896.546	5905.163	5913.792
175	8810.764	8811.277	8812.730	8814.183	8815.624	8817.076	8817.214	8817.352	8817.502	8817.640
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8818.003	8818.604	8819.218	8819.819	8820.420	8819.819	8819.218	8818.604	8818.003	8817.627
10	5920.530	5925.377	5930.237	5935.084	5939.943	5935.084	5930.237	5925.377	5920.530	5913.792
15	3706.076	3709.620	3713.164	3716.721	3720.266	3716.721	3713.164	3709.620	3706.076	3701.066
20	2587.025	2589.054	2591.070	2593.099	2595.128	2593.099	2591.070	2589.054	2587.025	2584.533
25	2041.164	2042.767	2044.370	2045.973	2047.577	2045.973	2044.370	2042.767	2041.164	2040.049
30	1528.844	1530.710	1532.576	1534.442	1536.309	1534.442	1532.576	1530.710	1528.844	1527.429
35	751.152	751.866	752.580	753.294	754.008	753.294	752.580	751.866	751.152	749.286
40	284.497	285.649	286.801	287.954	289.106	287.954	286.801	285.649	284.497	283.295
45	170.560	170.686	170.798	170.924	171.049	170.924	170.798	170.686	170.560	170.435
50	118.784	118.871	118.971	119.059	119.159	119.059	118.971	118.871	118.784	118.633
55	81.172	81.260	81.347	81.423	81.510	81.423	81.347	81.260	81.172	81.047
60	53.555	53.618	53.693	53.756	53.831	53.756	53.693	53.618	53.555	53.468
65	35.620	35.633	35.658	35.670	35.695	35.670	35.658	35.633	35.620	35.582
70	23.621	23.609	23.609	23.596	23.596	23.596	23.609	23.609	23.621	23.609
75	14.654	14.641	14.629	14.616	14.604	14.616	14.629	14.641	14.654	14.654

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	7.214	7.214	7.202	7.202	7.202	7.202	7.202	7.214	7.214	7.214
85	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515
90	0.626	0.626	0.626	0.626	0.626	0.626	0.626	0.626	0.626	0.626
95	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515
100	7.214	7.214	7.202	7.202	7.202	7.202	7.202	7.214	7.214	7.214
105	14.654	14.641	14.629	14.616	14.604	14.616	14.629	14.641	14.654	14.654
110	23.621	23.609	23.609	23.596	23.596	23.596	23.609	23.609	23.621	23.609
115	35.620	35.633	35.658	35.670	35.695	35.670	35.658	35.633	35.620	35.582
120	53.555	53.618	53.693	53.756	53.831	53.756	53.693	53.618	53.555	53.468
125	81.172	81.260	81.347	81.423	81.510	81.423	81.347	81.260	81.172	81.047
130	118.784	118.871	118.971	119.059	119.159	119.059	118.971	118.871	118.784	118.633
135	170.560	170.686	170.798	170.924	171.049	170.924	170.798	170.686	170.560	170.435
140	284.497	285.649	286.801	287.954	289.106	287.954	286.801	285.649	284.497	283.295
145	751.152	751.866	752.580	753.294	754.008	753.294	752.580	751.866	751.152	749.286
150	1528.844	1530.710	1532.576	1534.442	1536.309	1534.442	1532.576	1530.710	1528.844	1527.429
155	2041.164	2042.767	2044.370	2045.973	2047.577	2045.973	2044.370	2042.767	2041.164	2040.049
160	2587.025	2589.054	2591.070	2593.099	2595.128	2593.099	2591.070	2589.054	2587.025	2584.533
165	3706.076	3709.620	3713.164	3716.721	3720.266	3716.721	3713.164	3709.620	3706.076	3701.066
170	5920.530	5925.377	5930.237	5935.084	5939.943	5935.084	5930.237	5925.377	5920.530	5913.792
175	8818.003	8818.617	8819.218	8819.819	8820.420	8819.819	8819.218	8818.617	8818.003	8817.640
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

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	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288	10234.288
5	8817.490	8817.352	8817.214	8817.076	8815.624	8814.171	8812.730	8811.277	8810.764	8811.190
10	5905.163	5896.546	5887.916	5879.299	5871.885	5864.470	5857.055	5849.641	5845.069	5843.354
15	3694.603	3688.153	3681.690	3675.227	3670.318	3665.408	3660.498	3655.589	3652.959	3652.620
20	2581.589	2578.633	2575.690	2572.734	2570.405	2568.088	2565.758	2563.441	2562.088	2561.713
25	2039.436	2038.809	2038.196	2037.569	2037.970	2038.358	2038.759	2039.148	2040.112	2041.652
30	1526.464	1525.500	1524.548	1523.584	1528.581	1533.566	1538.563	1543.560	1546.930	1548.670
35	746.242	743.199	740.168	737.125	736.423	735.722	735.020	734.319	733.780	733.417
40	282.030	280.777	279.512	278.260	275.855	273.450	271.058	268.653	266.975	266.023
45	170.297	170.172	170.034	169.909	169.421	168.932	168.444	167.955	167.605	167.392
50	118.420	118.207	117.995	117.782	117.431	117.080	116.717	116.366	116.116	115.966
55	80.859	80.684	80.496	80.320	80.070	79.832	79.581	79.344	79.168	79.081
60	53.355	53.242	53.142	53.029	52.866	52.704	52.541	52.378	52.278	52.215
65	35.532	35.495	35.445	35.395	35.294	35.194	35.094	34.994	34.931	34.919
70	23.596	23.584	23.559	23.546	23.496	23.459	23.409	23.371	23.346	23.333
75	14.641	14.629	14.629	14.616	14.604	14.591	14.579	14.566	14.566	14.579
80	7.202	7.202	7.189	7.177	7.164	7.139	7.127	7.114	7.101	7.101
85	1.515	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
90	0.626	0.601	0.601	0.601	0.601	0.601	0.576	0.576	0.576	0.576
95	1.515	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528	1.528
100	7.202	7.202	7.189	7.177	7.164	7.139	7.127	7.114	7.101	7.101
105	14.641	14.629	14.629	14.616	14.604	14.591	14.579	14.566	14.566	14.579
110	23.596	23.584	23.559	23.546	23.496	23.459	23.409	23.371	23.346	23.333
115	35.532	35.495	35.445	35.395	35.294	35.194	35.094	34.994	34.931	34.919
120	53.355	53.242	53.142	53.029	52.866	52.704	52.541	52.378	52.278	52.215
125	80.859	80.684	80.496	80.320	80.070	79.832	79.581	79.344	79.168	79.081
130	118.420	118.207	117.995	117.782	117.431	117.080	116.717	116.366	116.116	115.966
135	170.297	170.172	170.034	169.909	169.421	168.932	168.444	167.955	167.605	167.392
140	282.030	280.777	279.512	278.260	275.855	273.450	271.058	268.653	266.975	266.023
145	746.242	743.199	740.168	737.125	736.423	735.722	735.020	734.319	733.780	733.417
150	1526.464	1525.500	1524.548	1523.584	1528.581	1533.566	1538.563	1543.560	1546.930	1548.670

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	2039.436	2038.809	2038.196	2037.569	2037.970	2038.358	2038.759	2039.148	2040.112	2041.652
160	2581.589	2578.633	2575.690	2572.734	2570.405	2568.088	2565.758	2563.441	2562.088	2561.713
165	3694.603	3688.153	3681.690	3675.227	3670.318	3665.408	3660.498	3655.589	3652.959	3652.620
170	5905.163	5896.546	5887.916	5879.299	5871.885	5864.470	5857.055	5849.641	5845.069	5843.354
175	8817.502	8817.352	8817.214	8817.076	8815.624	8814.183	8812.730	8811.277	8810.764	8811.202
180	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875	10233.875

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10234.288	10234.288	10234.288
5	8811.628	8812.054	8812.480
10	5841.638	5839.909	5838.193
15	3652.270	3651.932	3651.581
20	2561.349	2560.974	2560.598
25	2043.180	2044.721	2046.249
30	1550.424	1552.165	1553.918
35	733.054	732.678	732.315
40	265.059	264.107	263.155
45	167.179	166.966	166.753
50	115.803	115.652	115.502
55	78.993	78.905	78.817
60	52.153	52.090	52.027
65	34.906	34.881	34.869
70	23.333	23.321	23.321
75	14.591	14.591	14.604
80	7.089	7.089	7.089
85	1.528	1.528	1.528
90	0.551	0.551	0.551
95	1.528	1.528	1.528
100	7.089	7.089	7.089
105	14.591	14.591	14.604
110	23.333	23.321	23.321
115	34.906	34.881	34.869
120	52.153	52.090	52.027
125	78.993	78.905	78.817
130	115.803	115.652	115.502
135	167.179	166.966	166.753
140	265.059	264.107	263.155
145	733.054	732.678	732.315
150	1550.424	1552.165	1553.918
155	2043.180	2044.721	2046.249
160	2561.349	2560.974	2560.598
165	3652.270	3651.932	3651.581
170	5841.638	5839.909	5838.193
175	8811.628	8812.054	8812.480
180	10233.875	10233.875	10233.875

COEFFICIENTS OF UTILIZATION



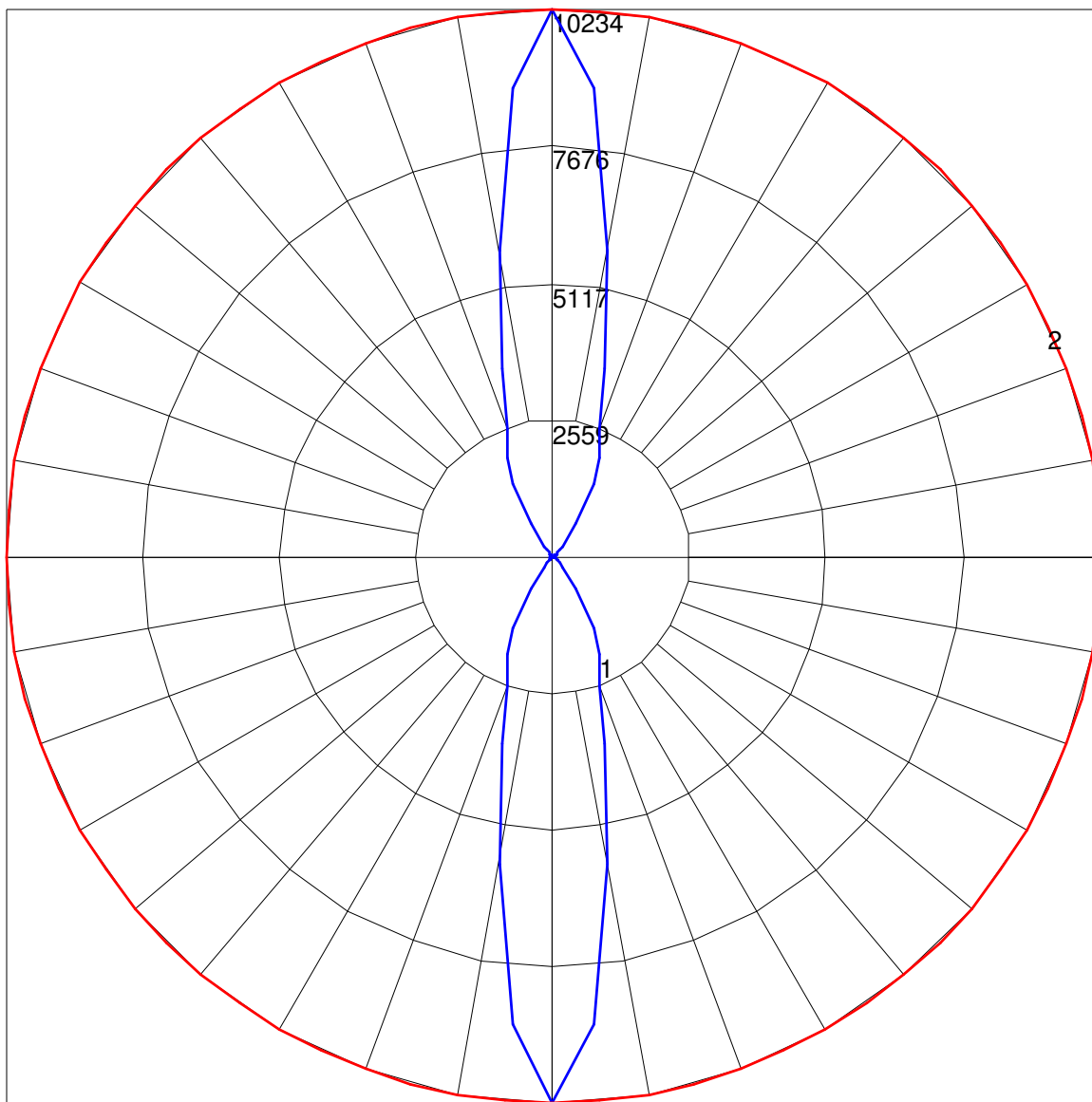
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1773.7	25.0
Downward House Side	1773.7	25.0
Downward Total	3547.4	50.0
Upward Street Side	1773.7	25.0
Upward House Side	1773.7	25.0
Upward Total	3547.4	50.0
Total Flux	7094.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10234.288 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

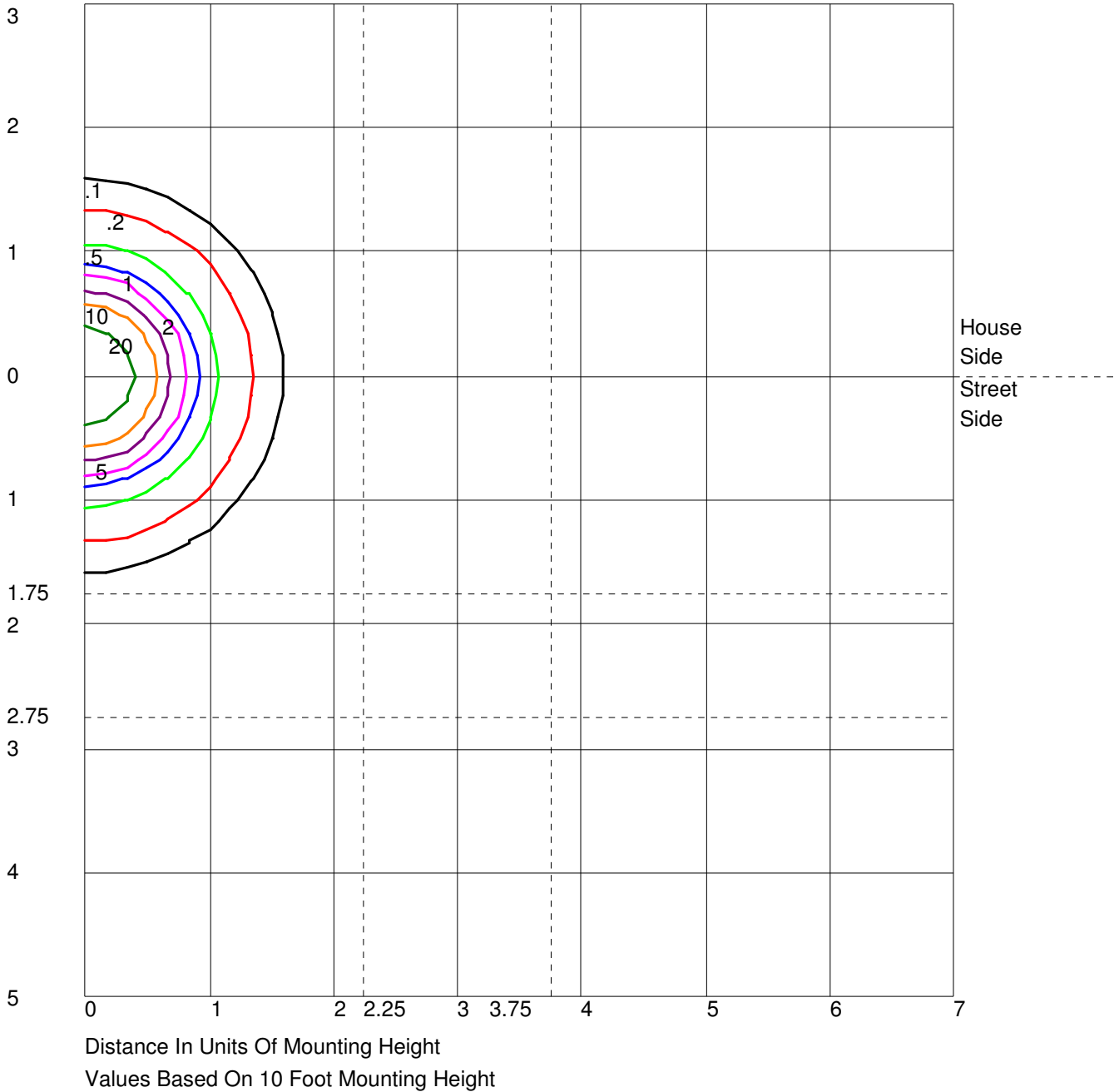


PHOTO LUMENS

