

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR\_Angela-M\_(V22)\_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L50-830U-L50-830D-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	9176
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	11163.085
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	11163.085
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.82 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.479 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1766.6	N.A.	19.3
FM - Front-Medium (30-60)	491.0	N.A.	5.4
FH - Front-High (60-80)	34.5	N.A.	0.4
FVH - Front-Very High (80-90)	1.9	N.A.	0.0
BL - Back-Low (0-30)	1766.6	N.A.	19.3
BM - Back-Medium (30-60)	491.0	N.A.	5.4
BH - Back-High (60-80)	34.5	N.A.	0.4
BVH - Back-Very High (80-90)	1.9	N.A.	0.0
UL - Uplight-Low (90-100)	3.8	N.A.	0.0
UH - Uplight-High (100-180)	4584.1	N.A.	50.0
Total	9175.9	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	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10032.937	10047.205	10061.473	10075.725	10089.993	10113.430	10146.033	10178.621	10211.225	10243.829
10	7295.044	7309.558	7324.089	7338.603	7353.118	7375.881	7406.878	7437.891	7468.888	7499.885
15	4803.157	4808.454	4813.768	4819.065	4824.363	4835.777	4853.293	4870.792	4888.308	4905.823
20	3344.132	3347.937	3351.742	3355.563	3359.368	3365.452	3373.816	3382.197	3390.561	3398.925
25	2650.790	2650.233	2649.675	2649.101	2648.543	2649.265	2651.266	2653.250	2655.251	2657.252
30	2049.192	2044.436	2039.680	2034.924	2030.168	2024.362	2017.490	2010.619	2003.763	1996.891
35	1033.091	1033.387	1033.665	1033.961	1034.239	1035.355	1037.306	1039.242	1041.193	1043.128
40	370.501	372.534	374.551	376.585	378.602	381.948	386.606	391.280	395.937	400.595
45	225.357	225.423	225.489	225.538	225.603	225.603	225.538	225.472	225.407	225.341
50	158.641	158.526	158.427	158.313	158.198	157.968	157.591	157.230	156.853	156.492
55	109.292	109.177	109.062	108.948	108.833	108.636	108.341	108.062	107.767	107.472
60	72.096	72.030	71.948	71.883	71.801	71.670	71.489	71.309	71.112	70.932
65	47.741	47.676	47.610	47.528	47.463	47.381	47.282	47.200	47.102	47.003
70	31.325	31.292	31.243	31.210	31.161	31.111	31.062	31.013	30.947	30.898
75	19.270	19.254	19.221	19.205	19.188	19.156	19.139	19.106	19.090	19.057
80	9.299	9.299	9.299	9.299	9.299	9.299	9.315	9.332	9.332	9.348
85	1.952	1.952	1.952	1.968	1.968	1.968	1.968	1.952	1.952	1.952
90	0.656	0.656	0.689	0.689	0.722	0.722	0.722	0.754	0.754	0.754
95	1.952	1.952	1.952	1.968	1.968	1.968	1.968	1.952	1.952	1.952
100	9.299	9.299	9.299	9.299	9.299	9.299	9.315	9.332	9.332	9.348
105	19.270	19.254	19.221	19.205	19.188	19.156	19.139	19.106	19.090	19.057
110	31.325	31.292	31.243	31.210	31.161	31.111	31.062	31.013	30.947	30.898
115	47.741	47.676	47.610	47.528	47.463	47.381	47.282	47.200	47.102	47.003
120	72.096	72.030	71.948	71.883	71.801	71.670	71.489	71.309	71.112	70.932
125	109.292	109.177	109.062	108.948	108.833	108.636	108.341	108.062	107.767	107.472
130	158.641	158.526	158.427	158.313	158.198	157.968	157.591	157.230	156.853	156.492
135	225.357	225.423	225.489	225.538	225.603	225.603	225.538	225.472	225.407	225.341
140	370.501	372.534	374.551	376.585	378.602	381.948	386.606	391.280	395.937	400.595
145	1033.091	1033.387	1033.665	1033.961	1034.239	1035.355	1037.306	1039.242	1041.193	1043.128
150	2049.192	2044.436	2039.680	2034.924	2030.168	2024.362	2017.490	2010.619	2003.763	1996.891
155	2650.790	2650.233	2649.675	2649.101	2648.543	2649.265	2651.266	2653.250	2655.251	2657.252
160	3344.132	3347.937	3351.742	3355.563	3359.368	3365.452	3373.816	3382.197	3390.561	3398.925
165	4803.157	4808.454	4813.768	4819.065	4824.363	4835.777	4853.293	4870.792	4888.308	4905.823
170	7295.044	7309.558	7324.089	7338.603	7353.118	7375.881	7406.878	7437.891	7468.888	7499.885
175	10032.937	10047.205	10061.473	10075.725	10089.993	10113.430	10146.033	10178.637	10211.225	10243.829
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10274.415	10305.002	10335.589	10366.175	10385.479	10393.515	10401.535	10409.571	10417.607	10409.571
10	7528.470	7557.056	7585.642	7614.228	7632.531	7640.534	7648.537	7656.541	7664.544	7656.541
15	4920.272	4934.737	4949.186	4963.635	4971.326	4972.261	4973.180	4974.114	4975.033	4974.114
20	3405.469	3411.996	3418.540	3425.084	3428.790	3429.676	3430.545	3431.431	3432.317	3431.431
25	2658.334	2659.417	2660.499	2661.582	2662.976	2664.698	2666.403	2668.125	2669.831	2668.125
30	1992.890	1988.904	1984.903	1980.917	1979.622	1981.049	1982.476	1983.902	1985.329	1983.902
35	1047.770	1052.411	1057.052	1061.694	1065.564	1068.631	1071.698	1074.781	1077.848	1074.781
40	404.433	408.287	412.125	415.979	418.685	420.259	421.817	423.392	424.966	423.392
45	224.964	224.587	224.209	223.832	223.307	222.668	222.028	221.372	220.732	221.372
50	155.935	155.393	154.836	154.295	153.819	153.425	153.048	152.655	152.261	152.655
55	107.062	106.668	106.258	105.848	105.504	105.208	104.913	104.618	104.323	104.618

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## CANDELA TABULATION - (Cont.)

60	70.686	70.456	70.210	69.964	69.767	69.587	69.423	69.242	69.078	69.242
65	46.856	46.725	46.577	46.429	46.298	46.167	46.036	45.905	45.773	45.905
70	30.833	30.751	30.685	30.603	30.521	30.439	30.357	30.275	30.193	30.275
75	19.024	18.992	18.975	18.942	18.910	18.860	18.828	18.778	18.746	18.778
80	9.381	9.414	9.430	9.463	9.479	9.463	9.463	9.447	9.430	9.447
85	1.952	1.952	1.935	1.935	1.935	1.935	1.919	1.919	1.919	1.919
90	0.754	0.754	0.787	0.787	0.787	0.787	0.820	0.820	0.820	0.820
95	1.952	1.952	1.935	1.935	1.935	1.935	1.919	1.919	1.919	1.919
100	9.381	9.414	9.430	9.463	9.479	9.463	9.463	9.447	9.430	9.447
105	19.024	18.992	18.975	18.942	18.910	18.860	18.828	18.778	18.746	18.778
110	30.833	30.751	30.685	30.603	30.521	30.439	30.357	30.275	30.193	30.275
115	46.856	46.725	46.577	46.429	46.298	46.167	46.036	45.905	45.773	45.905
120	70.686	70.456	70.210	69.964	69.767	69.587	69.423	69.242	69.078	69.242
125	107.062	106.668	106.258	105.848	105.504	105.208	104.913	104.618	104.323	104.618
130	155.935	155.393	154.836	154.295	153.819	153.425	153.048	152.655	152.261	152.655
135	224.964	224.587	224.209	223.832	223.307	222.668	222.028	221.372	220.732	221.372
140	404.433	408.287	412.125	415.979	418.685	420.259	421.817	423.392	424.966	423.392
145	1047.770	1052.411	1057.052	1061.694	1065.564	1068.631	1071.698	1074.781	1077.848	1074.781
150	1992.890	1988.904	1984.903	1980.917	1979.622	1981.049	1982.476	1983.902	1985.329	1983.902
155	2658.334	2659.417	2660.499	2661.582	2662.976	2664.698	2666.403	2668.125	2669.831	2668.125
160	3405.469	3411.996	3418.540	3425.084	3428.790	3429.676	3430.545	3431.431	3432.317	3431.431
165	4920.272	4934.737	4949.186	4963.635	4971.326	4972.261	4973.180	4974.114	4975.033	4974.114
170	7528.470	7557.056	7585.642	7614.228	7632.531	7640.534	7648.537	7656.541	7664.544	7656.541
175	10274.415	10305.002	10335.589	10366.175	10385.479	10393.515	10401.551	10409.571	10417.607	10409.571
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10401.535	10393.515	10385.479	10366.175	10335.589	10305.002	10274.415	10243.829	10211.225	10178.621
10	7648.537	7640.534	7632.531	7614.228	7585.642	7557.056	7528.470	7499.885	7468.888	7437.891
15	4973.180	4972.261	4971.326	4963.635	4949.186	4934.737	4920.272	4905.823	4888.308	4870.792
20	3430.545	3429.676	3428.790	3425.084	3418.540	3411.996	3405.469	3398.925	3390.561	3382.197
25	2666.403	2664.698	2662.976	2661.582	2660.499	2659.417	2658.334	2657.252	2655.251	2653.250
30	1982.476	1981.049	1979.622	1980.917	1984.903	1988.904	1992.890	1996.891	2003.763	2010.619
35	1071.698	1068.631	1065.564	1061.694	1057.052	1052.411	1047.770	1043.128	1041.193	1039.242
40	421.817	420.259	418.685	415.979	412.125	408.287	404.433	400.595	395.937	391.280
45	222.028	222.668	223.307	223.832	224.209	224.587	224.964	225.341	225.407	225.472
50	153.048	153.425	153.819	154.295	154.836	155.393	155.935	156.492	156.853	157.230
55	104.913	105.208	105.504	105.848	106.258	106.668	107.062	107.472	107.767	108.062
60	69.423	69.587	69.767	69.964	70.210	70.456	70.686	70.932	71.112	71.309
65	46.036	46.167	46.298	46.429	46.577	46.725	46.856	47.003	47.102	47.200
70	30.357	30.439	30.521	30.603	30.685	30.751	30.833	30.898	30.947	31.013
75	18.828	18.860	18.910	18.942	18.975	18.992	19.024	19.057	19.090	19.106
80	9.463	9.463	9.479	9.463	9.430	9.414	9.381	9.348	9.332	9.332
85	1.919	1.935	1.935	1.935	1.935	1.952	1.952	1.952	1.952	1.952
90	0.820	0.787	0.787	0.787	0.787	0.754	0.754	0.754	0.754	0.754
95	1.919	1.935	1.935	1.935	1.935	1.952	1.952	1.952	1.952	1.952
100	9.463	9.463	9.479	9.463	9.430	9.414	9.381	9.348	9.332	9.332
105	18.828	18.860	18.910	18.942	18.975	18.992	19.024	19.057	19.090	19.106
110	30.357	30.439	30.521	30.603	30.685	30.751	30.833	30.898	30.947	31.013
115	46.036	46.167	46.298	46.429	46.577	46.725	46.856	47.003	47.102	47.200
120	69.423	69.587	69.767	69.964	70.210	70.456	70.686	70.932	71.112	71.309
125	104.913	105.208	105.504	105.848	106.258	106.668	107.062	107.472	107.767	108.062
130	153.048	153.425	153.819	154.295	154.836	155.393	155.935	156.492	156.853	157.230

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**CANDELA TABULATION - (Cont.)**

135	222.028	222.668	223.307	223.832	224.209	224.587	224.964	225.341	225.407	225.472
140	421.817	420.259	418.685	415.979	412.125	408.287	404.433	400.595	395.937	391.280
145	1071.698	1068.631	1065.564	1061.694	1057.052	1052.411	1047.770	1043.128	1041.193	1039.242
150	1982.476	1981.049	1979.622	1980.917	1984.903	1988.904	1992.890	1996.891	2003.763	2010.619
155	2666.403	2664.698	2662.976	2661.582	2660.499	2659.417	2658.334	2657.252	2655.251	2653.250
160	3430.545	3429.676	3428.790	3425.084	3418.540	3411.996	3405.469	3398.925	3390.561	3382.197
165	4973.180	4972.261	4971.326	4963.635	4949.186	4934.737	4920.272	4905.823	4888.308	4870.792
170	7648.537	7640.534	7632.531	7614.228	7585.642	7557.056	7528.470	7499.885	7468.888	7437.891
175	10401.551	10393.515	10385.479	10366.175	10335.589	10305.002	10274.415	10243.829	10211.225	10178.637
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

**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	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10146.033	10113.430	10089.993	10075.725	10061.473	10047.205	10032.937	10017.205	10001.473	10075.725
10	7406.878	7375.881	7353.118	7338.603	7324.089	7309.558	7295.044	7309.558	7324.089	7338.603
15	4853.293	4835.777	4824.363	4819.065	4813.768	4808.454	4803.157	4808.454	4813.768	4819.065
20	3373.816	3365.452	3359.368	3355.563	3351.742	3347.937	3344.132	3347.937	3351.742	3355.563
25	2651.266	2649.265	2648.543	2649.101	2649.675	2650.233	2650.790	2650.233	2649.675	2649.101
30	2017.490	2024.362	2030.168	2034.924	2039.680	2044.436	2049.192	2044.436	2039.680	2034.924
35	1037.306	1035.355	1034.239	1033.961	1033.665	1033.387	1033.091	1033.387	1033.665	1033.961
40	386.606	381.948	378.602	376.585	374.551	372.534	370.501	372.534	374.551	376.585
45	225.538	225.603	225.603	225.538	225.489	225.423	225.357	225.423	225.489	225.538
50	157.591	157.968	158.198	158.313	158.427	158.526	158.641	158.526	158.427	158.313
55	108.341	108.636	108.833	108.948	109.062	109.177	109.292	109.177	109.062	108.948
60	71.489	71.670	71.801	71.883	71.948	72.030	72.096	72.030	71.948	71.883
65	47.282	47.381	47.463	47.528	47.610	47.676	47.741	47.676	47.610	47.528
70	31.062	31.111	31.161	31.210	31.243	31.292	31.325	31.292	31.243	31.210
75	19.139	19.156	19.188	19.205	19.221	19.254	19.270	19.254	19.221	19.205
80	9.315	9.299	9.299	9.299	9.299	9.299	9.299	9.299	9.299	9.299
85	1.968	1.968	1.968	1.968	1.952	1.952	1.952	1.952	1.952	1.968
90	0.722	0.722	0.722	0.689	0.689	0.656	0.656	0.656	0.689	0.689
95	1.968	1.968	1.968	1.968	1.952	1.952	1.952	1.952	1.952	1.968
100	9.315	9.299	9.299	9.299	9.299	9.299	9.299	9.299	9.299	9.299
105	19.139	19.156	19.188	19.205	19.221	19.254	19.270	19.254	19.221	19.205
110	31.062	31.111	31.161	31.210	31.243	31.292	31.325	31.292	31.243	31.210
115	47.282	47.381	47.463	47.528	47.610	47.676	47.741	47.676	47.610	47.528
120	71.489	71.670	71.801	71.883	71.948	72.030	72.096	72.030	71.948	71.883
125	108.341	108.636	108.833	108.948	109.062	109.177	109.292	109.177	109.062	108.948
130	157.591	157.968	158.198	158.313	158.427	158.526	158.641	158.526	158.427	158.313
135	225.538	225.603	225.603	225.538	225.489	225.423	225.357	225.423	225.489	225.538
140	386.606	381.948	378.602	376.585	374.551	372.534	370.501	372.534	374.551	376.585
145	1037.306	1035.355	1034.239	1033.961	1033.665	1033.387	1033.091	1033.387	1033.665	1033.961
150	2017.490	2024.362	2030.168	2034.924	2039.680	2044.436	2049.192	2044.436	2039.680	2034.924
155	2651.266	2649.265	2648.543	2649.101	2649.675	2650.233	2650.790	2650.233	2649.675	2649.101
160	3373.816	3365.452	3359.368	3355.563	3351.742	3347.937	3344.132	3347.937	3351.742	3355.563
165	4853.293	4835.777	4824.363	4819.065	4813.768	4808.454	4803.157	4808.454	4813.768	4819.065
170	7406.878	7375.881	7353.118	7338.603	7324.089	7309.558	7295.044	7309.558	7324.089	7338.603
175	10146.033	10113.430	10089.993	10075.725	10061.473	10047.205	10032.937	10017.205	10001.473	10075.725
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

**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	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	10089.993	10113.430	10146.033	10178.621	10211.225	10243.829	10274.415	10305.002	10335.589	10366.175
10	7353.118	7375.881	7406.878	7437.891	7468.888	7499.885	7528.470	7557.056	7585.642	7614.228
15	4824.363	4835.777	4853.293	4870.792	4888.308	4905.823	4920.272	4934.737	4949.186	4963.635
20	3359.368	3365.452	3373.816	3382.197	3390.561	3398.925	3405.469	3411.996	3418.540	3425.084
25	2648.543	2649.265	2651.266	2653.250	2655.251	2657.252	2658.334	2659.417	2660.499	2661.582
30	2030.168	2024.362	2017.490	2010.619	2003.763	1996.891	1992.890	1988.904	1984.903	1980.917
35	1034.239	1035.355	1037.306	1039.242	1041.193	1043.128	1047.770	1052.411	1057.052	1061.694
40	378.602	381.948	386.606	391.280	395.937	400.595	404.433	408.287	412.125	415.979
45	225.603	225.603	225.538	225.472	225.407	225.341	224.964	224.587	224.209	223.832
50	158.198	157.968	157.591	157.230	156.853	156.492	155.935	155.393	154.836	154.295
55	108.833	108.636	108.341	108.062	107.767	107.472	107.062	106.668	106.258	105.848
60	71.801	71.670	71.489	71.309	71.112	70.932	70.686	70.456	70.210	69.964
65	47.463	47.381	47.282	47.200	47.102	47.003	46.856	46.725	46.577	46.429
70	31.161	31.111	31.062	31.013	30.947	30.898	30.833	30.751	30.685	30.603
75	19.188	19.156	19.139	19.106	19.090	19.057	19.024	18.992	18.975	18.942
80	9.299	9.299	9.315	9.332	9.332	9.348	9.381	9.414	9.430	9.463
85	1.968	1.968	1.968	1.952	1.952	1.952	1.952	1.952	1.935	1.935
90	0.722	0.722	0.722	0.754	0.754	0.754	0.754	0.754	0.787	0.787
95	1.968	1.968	1.968	1.952	1.952	1.952	1.952	1.952	1.935	1.935
100	9.299	9.299	9.315	9.332	9.332	9.348	9.381	9.414	9.430	9.463
105	19.188	19.156	19.139	19.106	19.090	19.057	19.024	18.992	18.975	18.942
110	31.161	31.111	31.062	31.013	30.947	30.898	30.833	30.751	30.685	30.603
115	47.463	47.381	47.282	47.200	47.102	47.003	46.856	46.725	46.577	46.429
120	71.801	71.670	71.489	71.309	71.112	70.932	70.686	70.456	70.210	69.964
125	108.833	108.636	108.341	108.062	107.767	107.472	107.062	106.668	106.258	105.848
130	158.198	157.968	157.591	157.230	156.853	156.492	155.935	155.393	154.836	154.295
135	225.603	225.603	225.538	225.472	225.407	225.341	224.964	224.587	224.209	223.832
140	378.602	381.948	386.606	391.280	395.937	400.595	404.433	408.287	412.125	415.979
145	1034.239	1035.355	1037.306	1039.242	1041.193	1043.128	1047.770	1052.411	1057.052	1061.694
150	2030.168	2024.362	2017.490	2010.619	2003.763	1996.891	1992.890	1988.904	1984.903	1980.917
155	2648.543	2649.265	2651.266	2653.250	2655.251	2657.252	2658.334	2659.417	2660.499	2661.582
160	3359.368	3365.452	3373.816	3382.197	3390.561	3398.925	3405.469	3411.996	3418.540	3425.084
165	4824.363	4835.777	4853.293	4870.792	4888.308	4905.823	4920.272	4934.737	4949.186	4963.635
170	7353.118	7375.881	7406.878	7437.891	7468.888	7499.885	7528.470	7557.056	7585.642	7614.228
175	10089.993	10113.430	10146.033	10178.637	10211.225	10243.829	10274.415	10305.002	10335.589	10366.175
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

## 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	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10385.479	10393.515	10401.535	10409.571	10417.607	10409.571	10401.535	10393.515	10385.479	10366.175
10	7632.531	7640.534	7648.537	7656.541	7664.544	7656.541	7648.537	7640.534	7632.531	7614.228
15	4971.326	4972.261	4973.180	4974.114	4975.033	4974.114	4973.180	4972.261	4971.326	4963.635
20	3428.790	3429.676	3430.545	3431.431	3432.317	3431.431	3430.545	3429.676	3428.790	3425.084
25	2662.976	2664.698	2666.403	2668.125	2669.831	2668.125	2666.403	2664.698	2662.976	2661.582
30	1979.622	1981.049	1982.476	1983.902	1985.329	1983.902	1982.476	1981.049	1979.622	1980.917
35	1065.564	1068.631	1071.698	1074.781	1077.848	1074.781	1071.698	1068.631	1065.564	1061.694
40	418.685	420.259	421.817	423.392	424.966	423.392	421.817	420.259	418.685	415.979
45	223.307	222.668	222.028	221.372	220.732	221.372	222.028	222.668	223.307	223.832
50	153.819	153.425	153.048	152.655	152.261	152.655	153.048	153.425	153.819	154.295
55	105.504	105.208	104.913	104.618	104.323	104.618	104.913	105.208	105.504	105.848
60	69.767	69.587	69.423	69.242	69.078	69.242	69.423	69.587	69.767	69.964
65	46.298	46.167	46.036	45.905	45.773	45.905	46.036	46.167	46.298	46.429
70	30.521	30.439	30.357	30.275	30.193	30.275	30.357	30.439	30.521	30.603
75	18.910	18.860	18.828	18.778	18.746	18.778	18.828	18.860	18.910	18.942

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	9.479	9.463	9.463	9.447	9.430	9.447	9.463	9.463	9.479	9.463
85	1.935	1.935	1.919	1.919	1.919	1.919	1.919	1.935	1.935	1.935
90	0.787	0.787	0.820	0.820	0.820	0.820	0.820	0.787	0.787	0.787
95	1.935	1.935	1.919	1.919	1.919	1.919	1.919	1.935	1.935	1.935
100	9.479	9.463	9.463	9.447	9.430	9.447	9.463	9.463	9.479	9.463
105	18.910	18.860	18.828	18.778	18.746	18.778	18.828	18.860	18.910	18.942
110	30.521	30.439	30.357	30.275	30.193	30.275	30.357	30.439	30.521	30.603
115	46.298	46.167	46.036	45.905	45.773	45.905	46.036	46.167	46.298	46.429
120	69.767	69.587	69.423	69.242	69.078	69.242	69.423	69.587	69.767	69.964
125	105.504	105.208	104.913	104.618	104.323	104.618	104.913	105.208	105.504	105.848
130	153.819	153.425	153.048	152.655	152.261	152.655	153.048	153.425	153.819	154.295
135	223.307	222.668	222.028	221.372	220.732	221.372	222.028	222.668	223.307	223.832
140	418.685	420.259	421.817	423.392	424.966	423.392	421.817	420.259	418.685	415.979
145	1065.564	1068.631	1071.698	1074.781	1077.848	1074.781	1071.698	1068.631	1065.564	1061.694
150	1979.622	1981.049	1982.476	1983.902	1985.329	1983.902	1982.476	1981.049	1979.622	1980.917
155	2662.976	2664.698	2666.403	2668.125	2669.831	2668.125	2666.403	2664.698	2662.976	2661.582
160	3428.790	3429.676	3430.545	3431.431	3432.317	3431.431	3430.545	3429.676	3428.790	3425.084
165	4971.326	4972.261	4973.180	4974.114	4975.033	4974.114	4973.180	4972.261	4971.326	4963.635
170	7632.531	7640.534	7648.537	7656.541	7664.544	7656.541	7648.537	7640.534	7632.531	7614.228
175	10385.479	10393.515	10401.551	10409.571	10417.607	10409.571	10401.551	10393.515	10385.479	10366.175
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

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	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085	11163.085
5	10335.589	10305.002	10274.415	10243.829	10211.225	10178.621	10146.033	10113.430	10089.993	10075.725
10	7585.642	7557.056	7528.470	7499.885	7468.888	7437.891	7406.878	7375.881	7353.118	7338.603
15	4949.186	4934.737	4920.272	4905.823	4888.308	4870.792	4853.293	4835.777	4824.363	4819.065
20	3418.540	3411.996	3405.469	3398.925	3390.561	3382.197	3373.816	3365.452	3359.368	3355.563
25	2660.499	2659.417	2658.334	2657.252	2655.251	2653.250	2651.266	2649.265	2648.543	2649.101
30	1984.903	1988.904	1992.890	1996.891	2003.763	2010.619	2017.490	2024.362	2030.168	2034.924
35	1057.052	1052.411	1047.770	1043.128	1041.193	1039.242	1037.306	1035.355	1034.239	1033.961
40	412.125	408.287	404.433	400.595	395.937	391.280	386.606	381.948	378.602	376.585
45	224.209	224.587	224.964	225.341	225.407	225.472	225.538	225.603	225.603	225.538
50	154.836	155.393	155.935	156.492	156.853	157.230	157.591	157.968	158.198	158.313
55	106.258	106.668	107.062	107.472	107.767	108.062	108.341	108.636	108.833	108.948
60	70.210	70.456	70.686	70.932	71.112	71.309	71.489	71.670	71.801	71.883
65	46.577	46.725	46.856	47.003	47.102	47.200	47.282	47.381	47.463	47.528
70	30.685	30.751	30.833	30.898	30.947	31.013	31.062	31.111	31.161	31.210
75	18.975	18.992	19.024	19.057	19.090	19.106	19.139	19.156	19.188	19.205
80	9.430	9.414	9.381	9.348	9.332	9.332	9.315	9.299	9.299	9.299
85	1.935	1.952	1.952	1.952	1.952	1.952	1.968	1.968	1.968	1.968
90	0.787	0.754	0.754	0.754	0.754	0.754	0.722	0.722	0.722	0.689
95	1.935	1.952	1.952	1.952	1.952	1.952	1.968	1.968	1.968	1.968
100	9.430	9.414	9.381	9.348	9.332	9.332	9.315	9.299	9.299	9.299
105	18.975	18.992	19.024	19.057	19.090	19.106	19.139	19.156	19.188	19.205
110	30.685	30.751	30.833	30.898	30.947	31.013	31.062	31.111	31.161	31.210
115	46.577	46.725	46.856	47.003	47.102	47.200	47.282	47.381	47.463	47.528
120	70.210	70.456	70.686	70.932	71.112	71.309	71.489	71.670	71.801	71.883
125	106.258	106.668	107.062	107.472	107.767	108.062	108.341	108.636	108.833	108.948
130	154.836	155.393	155.935	156.492	156.853	157.230	157.591	157.968	158.198	158.313
135	224.209	224.587	224.964	225.341	225.407	225.472	225.538	225.603	225.603	225.538
140	412.125	408.287	404.433	400.595	395.937	391.280	386.606	381.948	378.602	376.585
145	1057.052	1052.411	1047.770	1043.128	1041.193	1039.242	1037.306	1035.355	1034.239	1033.961
150	1984.903	1988.904	1992.890	1996.891	2003.763	2010.619	2017.490	2024.362	2030.168	2034.924

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

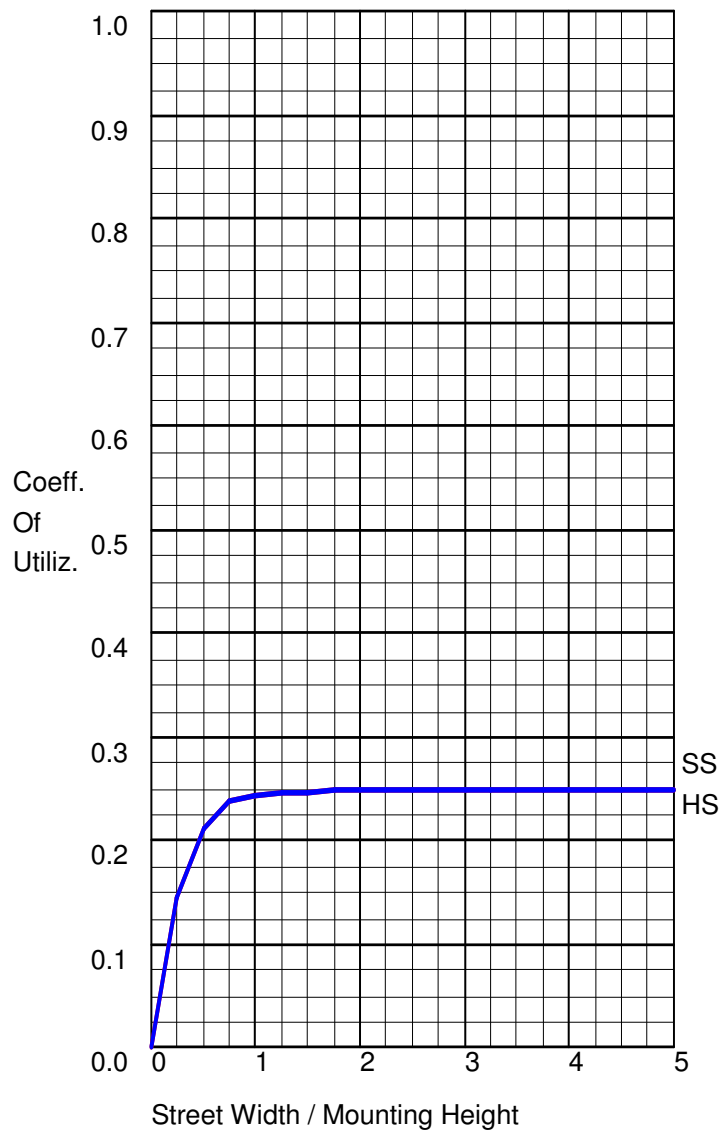
155	2660.499	2659.417	2658.334	2657.252	2655.251	2653.250	2651.266	2649.265	2648.543	2649.101
160	3418.540	3411.996	3405.469	3398.925	3390.561	3382.197	3373.816	3365.452	3359.368	3355.563
165	4949.186	4934.737	4920.272	4905.823	4888.308	4870.792	4853.293	4835.777	4824.363	4819.065
170	7585.642	7557.056	7528.470	7499.885	7468.888	7437.891	7406.878	7375.881	7353.118	7338.603
175	10335.589	10305.002	10274.415	10243.829	10211.225	10178.637	10146.033	10113.430	10089.993	10075.725
180	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085	11162.085

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	11163.085	11163.085	11163.085
5	10061.473	10047.205	10032.937
10	7324.089	7309.558	7295.044
15	4813.768	4808.454	4803.157
20	3351.742	3347.937	3344.132
25	2649.675	2650.233	2650.790
30	2039.680	2044.436	2049.192
35	1033.665	1033.387	1033.091
40	374.551	372.534	370.501
45	225.489	225.423	225.357
50	158.427	158.526	158.641
55	109.062	109.177	109.292
60	71.948	72.030	72.096
65	47.610	47.676	47.741
70	31.243	31.292	31.325
75	19.221	19.254	19.270
80	9.299	9.299	9.299
85	1.952	1.952	1.952
90	0.689	0.656	0.656
95	1.952	1.952	1.952
100	9.299	9.299	9.299
105	19.221	19.254	19.270
110	31.243	31.292	31.325
115	47.610	47.676	47.741
120	71.948	72.030	72.096
125	109.062	109.177	109.292
130	158.427	158.526	158.641
135	225.489	225.423	225.357
140	374.551	372.534	370.501
145	1033.665	1033.387	1033.091
150	2039.680	2044.436	2049.192
155	2649.675	2650.233	2650.790
160	3351.742	3347.937	3344.132
165	4813.768	4808.454	4803.157
170	7324.089	7309.558	7295.044
175	10061.473	10047.205	10032.937
180	11162.085	11162.085	11162.085



COEFFICIENTS OF UTILIZATION



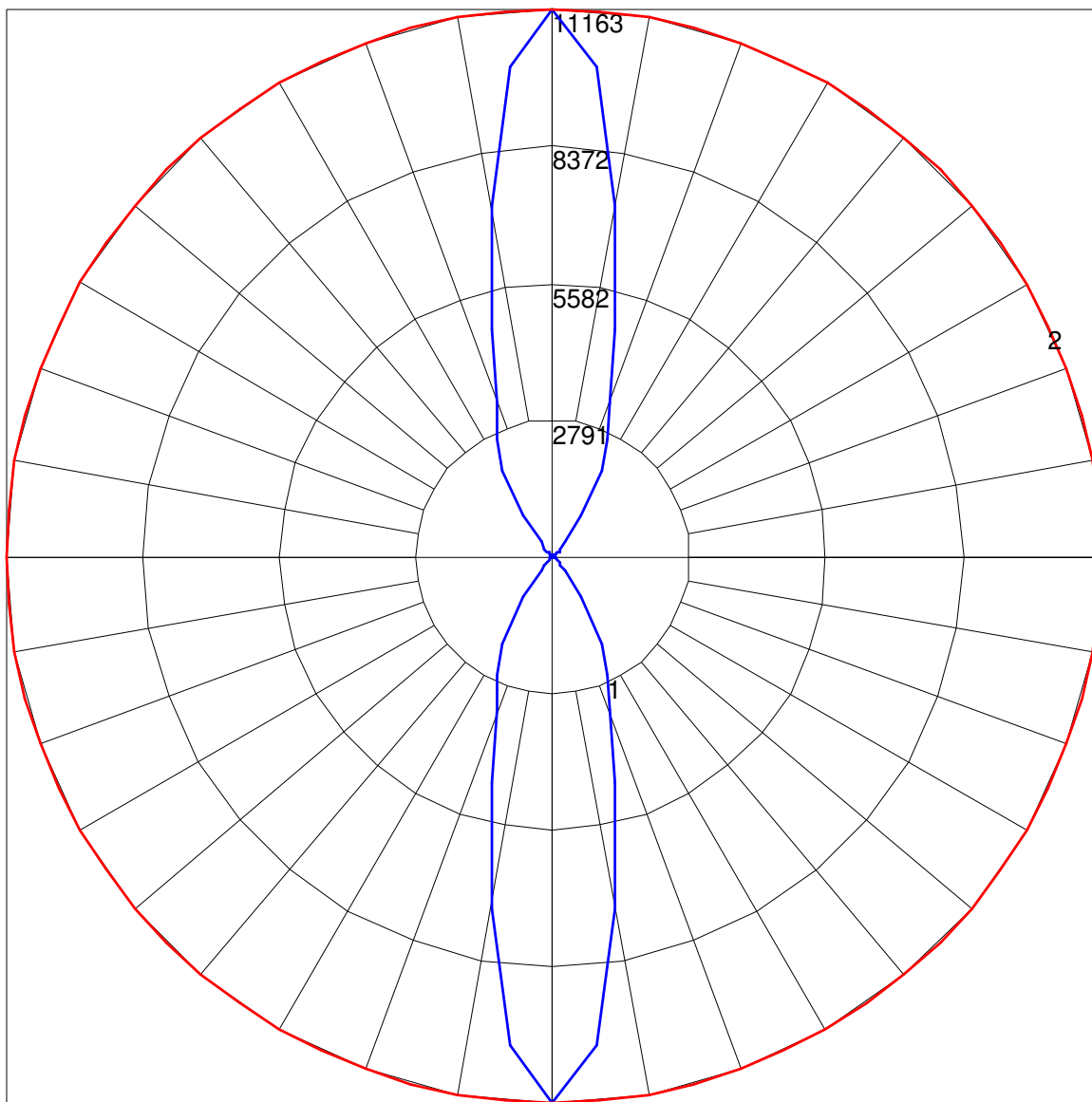
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2294.0	25.0
Downward House Side	2294.0	25.0
Downward Total	4588.0	50.0
Upward Street Side	2294.0	25.0
Upward House Side	2294.0	25.0
Upward Total	4588.0	50.0
Total Flux	9176.0	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-830U-L50-830D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

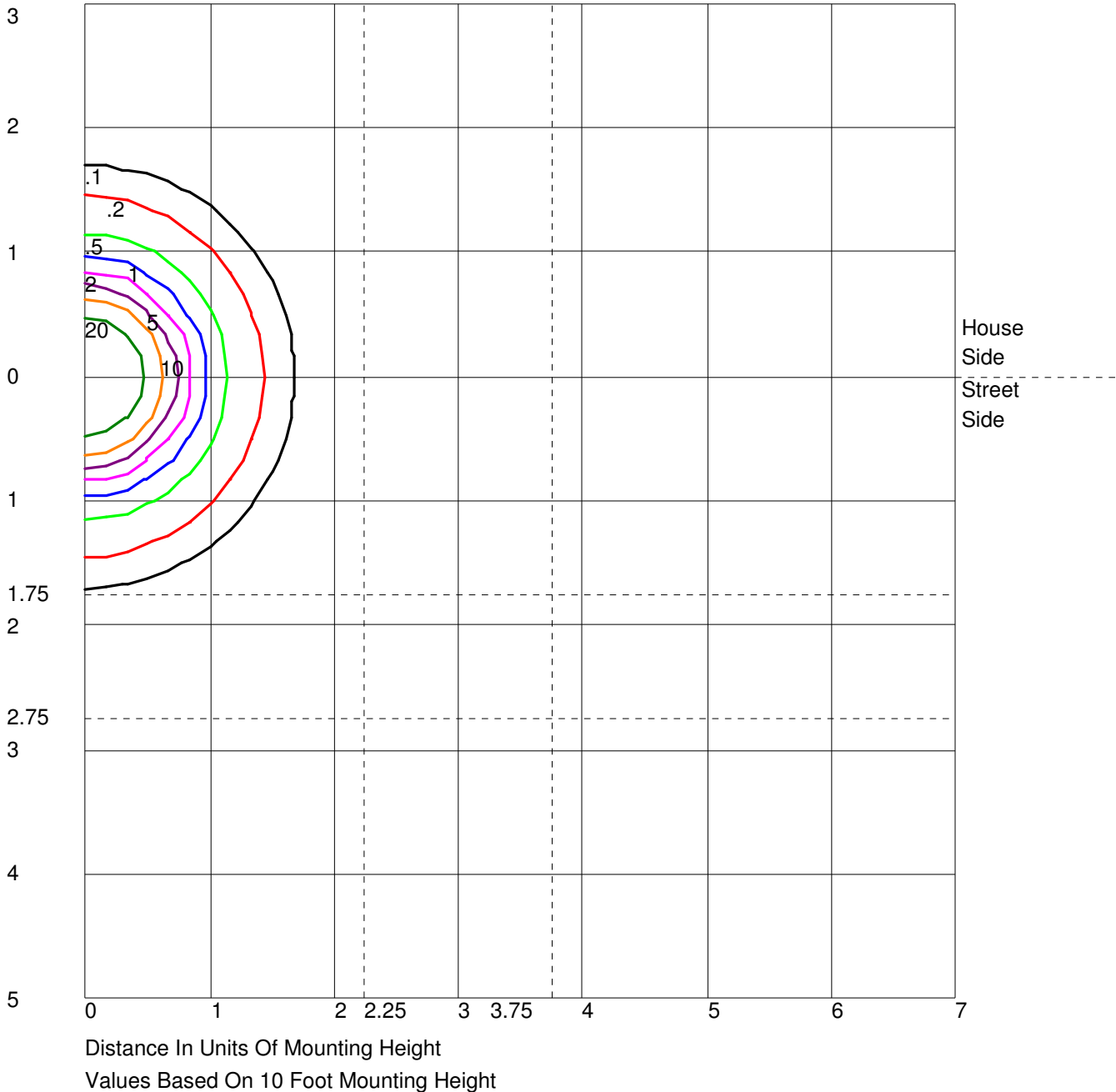


Maximum Candela = 11163.085 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

