

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-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-L50-840U-L50-840D-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	9268
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	11274.714
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	11274.714
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.828 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	9.574 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1784.2	N.A.	19.3
FM - Front-Medium (30-60)	495.9	N.A.	5.4
FH - Front-High (60-80)	34.8	N.A.	0.4
FVH - Front-Very High (80-90)	1.9	N.A.	0.0
BL - Back-Low (0-30)	1784.2	N.A.	19.3
BM - Back-Medium (30-60)	495.9	N.A.	5.4
BH - Back-High (60-80)	34.8	N.A.	0.4
BVH - Back-Very High (80-90)	1.9	N.A.	0.0
UL - Uplight-Low (90-100)	3.9	N.A.	0.0
UH - Uplight-High (100-180)	4630.0	N.A.	50.0
Total	9267.5	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	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714
5	10133.264	10147.675	10162.086	10176.480	10190.891	10214.561	10247.491	10280.405	10313.335	10346.265
10	7367.993	7382.652	7397.328	7411.988	7426.647	7449.639	7480.945	7512.268	7543.575	7574.882
15	4851.187	4856.538	4861.905	4867.255	4872.605	4884.134	4901.825	4919.499	4937.190	4954.880
20	3377.572	3381.415	3385.258	3389.118	3392.961	3399.106	3407.554	3416.018	3424.466	3432.914
25	2677.297	2676.734	2676.171	2675.591	2675.028	2675.757	2677.778	2679.782	2681.803	2683.824
30	2069.684	2064.880	2060.076	2055.273	2050.469	2044.605	2037.665	2030.724	2023.800	2016.860
35	1043.422	1043.720	1044.002	1044.300	1044.582	1045.708	1047.679	1049.634	1051.605	1053.560
40	374.205	376.259	378.297	380.351	382.388	385.767	390.472	395.192	399.897	404.601
45	227.611	227.677	227.743	227.793	227.859	227.859	227.793	227.727	227.661	227.594
50	160.227	160.111	160.012	159.896	159.780	159.548	159.167	158.803	158.422	158.057
55	110.385	110.269	110.153	110.037	109.921	109.722	109.424	109.143	108.844	108.546
60	72.817	72.751	72.668	72.602	72.519	72.386	72.204	72.022	71.823	71.641
65	48.219	48.153	48.086	48.004	47.937	47.854	47.755	47.672	47.573	47.473
70	31.638	31.605	31.555	31.522	31.472	31.423	31.373	31.323	31.257	31.207
75	19.463	19.447	19.413	19.397	19.380	19.347	19.331	19.297	19.281	19.248
80	9.392	9.392	9.392	9.392	9.392	9.392	9.409	9.425	9.425	9.442
85	1.971	1.971	1.971	1.988	1.988	1.988	1.988	1.971	1.971	1.971
90	0.663	0.663	0.696	0.696	0.729	0.729	0.729	0.762	0.762	0.762
95	1.971	1.971	1.971	1.988	1.988	1.988	1.988	1.971	1.971	1.971
100	9.392	9.392	9.392	9.392	9.392	9.392	9.409	9.425	9.425	9.442
105	19.463	19.447	19.413	19.397	19.380	19.347	19.331	19.297	19.281	19.248
110	31.638	31.605	31.555	31.522	31.472	31.423	31.373	31.323	31.257	31.207
115	48.219	48.153	48.086	48.004	47.937	47.854	47.755	47.672	47.573	47.473
120	72.817	72.751	72.668	72.602	72.519	72.386	72.204	72.022	71.823	71.641
125	110.385	110.269	110.153	110.037	109.921	109.722	109.424	109.143	108.844	108.546
130	160.227	160.111	160.012	159.896	159.780	159.548	159.167	158.803	158.422	158.057
135	227.611	227.677	227.743	227.793	227.859	227.859	227.793	227.727	227.661	227.594
140	374.205	376.259	378.297	380.351	382.388	385.767	390.472	395.192	399.897	404.601
145	1043.422	1043.720	1044.002	1044.300	1044.582	1045.708	1047.679	1049.634	1051.605	1053.560
150	2069.684	2064.880	2060.076	2055.273	2050.469	2044.605	2037.665	2030.724	2023.800	2016.860
155	2677.297	2676.734	2676.171	2675.591	2675.028	2675.757	2677.778	2679.782	2681.803	2683.824
160	3377.572	3381.415	3385.258	3389.118	3392.961	3399.106	3407.554	3416.018	3424.466	3432.914
165	4851.187	4856.538	4861.905	4867.255	4872.605	4884.134	4901.825	4919.499	4937.190	4954.880
170	7367.993	7382.652	7397.328	7411.988	7426.647	7449.639	7480.945	7512.268	7543.575	7574.882
175	10133.264	10147.675	10162.086	10176.480	10190.891	10214.561	10247.491	10280.421	10313.335	10346.265
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714
5	10377.157	10408.050	10438.942	10469.835	10489.331	10497.448	10505.548	10513.664	10521.781	10513.664
10	7603.753	7632.625	7661.497	7690.368	7708.854	7716.938	7725.021	7733.104	7741.188	7733.104
15	4969.474	4984.083	4998.677	5013.270	5021.038	5021.983	5022.910	5023.854	5024.782	5023.854
20	3439.523	3446.116	3452.725	3459.334	3463.078	3463.972	3464.850	3465.744	3466.639	3465.744
25	2684.917	2686.010	2687.104	2688.197	2689.605	2691.344	2693.067	2694.806	2696.529	2694.806
30	2012.818	2008.793	2004.751	2000.726	1999.418	2000.859	2002.300	2003.741	2005.182	2003.741
35	1058.247	1062.935	1067.623	1072.310	1076.220	1079.317	1082.415	1085.529	1088.626	1085.529
40	408.477	412.370	416.246	420.138	422.872	424.462	426.035	427.626	429.216	427.626
45	227.213	226.832	226.451	226.070	225.540	224.894	224.248	223.586	222.940	223.586
50	157.494	156.947	156.384	155.837	155.357	154.960	154.579	154.181	153.784	154.181
55	108.132	107.735	107.320	106.906	106.559	106.260	105.962	105.664	105.366	105.664

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CANDELA TABULATION - (Cont.)

60	71.392	71.160	70.912	70.664	70.465	70.283	70.117	69.935	69.769	69.935
65	47.324	47.192	47.043	46.894	46.761	46.629	46.496	46.364	46.231	46.364
70	31.141	31.058	30.992	30.909	30.826	30.743	30.661	30.578	30.495	30.578
75	19.215	19.182	19.165	19.132	19.099	19.049	19.016	18.966	18.933	18.966
80	9.475	9.508	9.525	9.558	9.574	9.558	9.558	9.541	9.525	9.541
85	1.971	1.971	1.955	1.955	1.955	1.955	1.938	1.938	1.938	1.938
90	0.762	0.762	0.795	0.795	0.795	0.795	0.828	0.828	0.828	0.828
95	1.971	1.971	1.955	1.955	1.955	1.955	1.938	1.938	1.938	1.938
100	9.475	9.508	9.525	9.558	9.574	9.558	9.558	9.541	9.525	9.541
105	19.215	19.182	19.165	19.132	19.099	19.049	19.016	18.966	18.933	18.966
110	31.141	31.058	30.992	30.909	30.826	30.743	30.661	30.578	30.495	30.578
115	47.324	47.192	47.043	46.894	46.761	46.629	46.496	46.364	46.231	46.364
120	71.392	71.160	70.912	70.664	70.465	70.283	70.117	69.935	69.769	69.935
125	108.132	107.735	107.320	106.906	106.559	106.260	105.962	105.664	105.366	105.664
130	157.494	156.947	156.384	155.837	155.357	154.960	154.579	154.181	153.784	154.181
135	227.213	226.832	226.451	226.070	225.540	224.894	224.248	223.586	222.940	223.586
140	408.477	412.370	416.246	420.138	422.872	424.462	426.035	427.626	429.216	427.626
145	1058.247	1062.935	1067.623	1072.310	1076.220	1079.317	1082.415	1085.529	1088.626	1085.529
150	2012.818	2008.793	2004.751	2000.726	1999.418	2000.859	2002.300	2003.741	2005.182	2003.741
155	2684.917	2686.010	2687.104	2688.197	2689.605	2691.344	2693.067	2694.806	2696.529	2694.806
160	3439.523	3446.116	3452.725	3459.334	3463.078	3463.972	3464.850	3465.744	3466.639	3465.744
165	4969.474	4984.083	4998.677	5013.270	5021.038	5021.983	5022.910	5023.854	5024.782	5023.854
170	7603.753	7632.625	7661.497	7690.368	7708.854	7716.938	7725.021	7733.104	7741.188	7733.104
175	10377.157	10408.050	10438.942	10469.835	10489.331	10497.448	10505.564	10513.664	10521.781	10513.664
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714
5	10505.548	10497.448	10489.331	10469.835	10438.942	10408.050	10377.157	10346.265	10313.335	10280.405
10	7725.021	7716.938	7708.854	7690.368	7661.497	7632.625	7603.753	7574.882	7543.575	7512.268
15	5022.910	5021.983	5021.038	5013.270	4998.677	4984.083	4969.474	4954.880	4937.190	4919.499
20	3464.850	3463.972	3463.078	3459.334	3452.725	3446.116	3439.523	3432.914	3424.466	3416.018
25	2693.067	2691.344	2689.605	2688.197	2687.104	2686.010	2684.917	2683.824	2681.803	2679.782
30	2002.300	2000.859	1999.418	2000.726	2004.751	2008.793	2012.818	2016.860	2023.800	2030.724
35	1082.415	1079.317	1076.220	1072.310	1067.623	1062.935	1058.247	1053.560	1051.605	1049.634
40	426.035	424.462	422.872	420.138	416.246	412.370	408.477	404.601	399.897	395.192
45	224.248	224.894	225.540	226.070	226.451	226.832	227.213	227.594	227.661	227.727
50	154.579	154.960	155.357	155.837	156.384	156.947	157.494	158.057	158.422	158.803
55	105.962	106.260	106.559	106.906	107.320	107.735	108.132	108.546	108.844	109.143
60	70.117	70.283	70.465	70.664	70.912	71.160	71.392	71.641	71.823	72.022
65	46.496	46.629	46.761	46.894	47.043	47.192	47.324	47.473	47.573	47.672
70	30.661	30.743	30.826	30.909	30.992	31.058	31.141	31.207	31.257	31.323
75	19.016	19.049	19.099	19.132	19.165	19.182	19.215	19.248	19.281	19.297
80	9.558	9.558	9.574	9.558	9.525	9.508	9.475	9.442	9.425	9.425
85	1.938	1.955	1.955	1.955	1.955	1.971	1.971	1.971	1.971	1.971
90	0.828	0.795	0.795	0.795	0.795	0.762	0.762	0.762	0.762	0.762
95	1.938	1.955	1.955	1.955	1.955	1.971	1.971	1.971	1.971	1.971
100	9.558	9.558	9.574	9.558	9.525	9.508	9.475	9.442	9.425	9.425
105	19.016	19.049	19.099	19.132	19.165	19.182	19.215	19.248	19.281	19.297
110	30.661	30.743	30.826	30.909	30.992	31.058	31.141	31.207	31.257	31.323
115	46.496	46.629	46.761	46.894	47.043	47.192	47.324	47.473	47.573	47.672
120	70.117	70.283	70.465	70.664	70.912	71.160	71.392	71.641	71.823	72.022
125	105.962	106.260	106.559	106.906	107.320	107.735	108.132	108.546	108.844	109.143
130	154.579	154.960	155.357	155.837	156.384	156.947	157.494	158.057	158.422	158.803

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CANDELA TABULATION - (Cont.)

135	224.248	224.894	225.540	226.070	226.451	226.832	227.213	227.594	227.661	227.727
140	426.035	424.462	422.872	420.138	416.246	412.370	408.477	404.601	399.897	395.192
145	1082.415	1079.317	1076.220	1072.310	1067.623	1062.935	1058.247	1053.560	1051.605	1049.634
150	2002.300	2000.859	1999.418	2000.726	2004.751	2008.793	2012.818	2016.860	2023.800	2030.724
155	2693.067	2691.344	2689.605	2688.197	2687.104	2686.010	2684.917	2683.824	2681.803	2679.782
160	3464.850	3463.972	3463.078	3459.334	3452.725	3446.116	3439.523	3432.914	3424.466	3416.018
165	5022.910	5021.983	5021.038	5013.270	4998.677	4984.083	4969.474	4954.880	4937.190	4919.499
170	7725.021	7716.938	7708.854	7690.368	7661.497	7632.625	7603.753	7574.882	7543.575	7512.268
175	10505.564	10497.448	10489.331	10469.835	10438.942	10408.050	10377.157	10346.265	10313.335	10280.421
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

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	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714
5	10247.491	10214.561	10190.891	10176.480	10162.086	10147.675	10133.264	10147.675	10162.086	10176.480
10	7480.945	7449.639	7426.647	7411.988	7397.328	7382.652	7367.993	7382.652	7397.328	7411.988
15	4901.825	4884.134	4872.605	4867.255	4861.905	4856.538	4851.187	4856.538	4861.905	4867.255
20	3407.554	3399.106	3392.961	3389.118	3385.258	3381.415	3377.572	3381.415	3385.258	3389.118
25	2677.778	2675.757	2675.028	2675.591	2676.171	2676.734	2677.297	2676.734	2676.171	2675.591
30	2037.665	2044.605	2050.469	2055.273	2060.076	2064.880	2069.684	2064.880	2060.076	2055.273
35	1047.679	1045.708	1044.582	1044.300	1044.002	1043.720	1043.422	1043.720	1044.002	1044.300
40	390.472	385.767	382.388	380.351	378.297	376.259	374.205	376.259	378.297	380.351
45	227.793	227.859	227.859	227.793	227.743	227.677	227.611	227.677	227.743	227.793
50	159.167	159.548	159.780	159.896	160.012	160.111	160.227	160.111	160.012	159.896
55	109.424	109.722	109.921	110.037	110.153	110.269	110.385	110.269	110.153	110.037
60	72.204	72.386	72.519	72.602	72.668	72.751	72.817	72.751	72.668	72.602
65	47.755	47.854	47.937	48.004	48.086	48.153	48.219	48.153	48.086	48.004
70	31.373	31.423	31.472	31.522	31.555	31.605	31.638	31.605	31.555	31.522
75	19.331	19.347	19.380	19.397	19.413	19.447	19.463	19.447	19.413	19.397
80	9.409	9.392	9.392	9.392	9.392	9.392	9.392	9.392	9.392	9.392
85	1.988	1.988	1.988	1.988	1.971	1.971	1.971	1.971	1.971	1.988
90	0.729	0.729	0.729	0.696	0.696	0.663	0.663	0.663	0.696	0.696
95	1.988	1.988	1.988	1.988	1.971	1.971	1.971	1.971	1.971	1.988
100	9.409	9.392	9.392	9.392	9.392	9.392	9.392	9.392	9.392	9.392
105	19.331	19.347	19.380	19.397	19.413	19.447	19.463	19.447	19.413	19.397
110	31.373	31.423	31.472	31.522	31.555	31.605	31.638	31.605	31.555	31.522
115	47.755	47.854	47.937	48.004	48.086	48.153	48.219	48.153	48.086	48.004
120	72.204	72.386	72.519	72.602	72.668	72.751	72.817	72.751	72.668	72.602
125	109.424	109.722	109.921	110.037	110.153	110.269	110.385	110.269	110.153	110.037
130	159.167	159.548	159.780	159.896	160.012	160.111	160.227	160.111	160.012	159.896
135	227.793	227.859	227.859	227.793	227.743	227.677	227.611	227.677	227.743	227.793
140	390.472	385.767	382.388	380.351	378.297	376.259	374.205	376.259	378.297	380.351
145	1047.679	1045.708	1044.582	1044.300	1044.002	1043.720	1043.422	1043.720	1044.002	1044.300
150	2037.665	2044.605	2050.469	2055.273	2060.076	2064.880	2069.684	2064.880	2060.076	2055.273
155	2677.778	2675.757	2675.028	2675.591	2676.171	2676.734	2677.297	2676.734	2676.171	2675.591
160	3407.554	3399.106	3392.961	3389.118	3385.258	3381.415	3377.572	3381.415	3385.258	3389.118
165	4901.825	4884.134	4872.605	4867.255	4861.905	4856.538	4851.187	4856.538	4861.905	4867.255
170	7480.945	7449.639	7426.647	7411.988	7397.328	7382.652	7367.993	7382.652	7397.328	7411.988
175	10247.491	10214.561	10190.891	10176.480	10162.086	10147.675	10133.264	10147.675	10162.086	10176.480
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

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	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	10190.89110214.56110247.49110280.40510313.33510346.26510377.15710408.05010438.94210469.835
10	7426.647 7449.639 7480.945 7512.268 7543.575 7574.882 7603.753 7632.625 7661.497 7690.368
15	4872.605 4884.134 4901.825 4919.499 4937.190 4954.880 4969.474 4984.083 4998.677 5013.270
20	3392.961 3399.106 3407.554 3416.018 3424.466 3432.914 3439.523 3446.116 3452.725 3459.334
25	2675.028 2675.757 2677.778 2679.782 2681.803 2683.824 2684.917 2686.010 2687.104 2688.197
30	2050.469 2044.605 2037.665 2030.724 2023.800 2016.860 2012.818 2008.793 2004.751 2000.726
35	1044.582 1045.708 1047.679 1049.634 1051.605 1053.560 1058.247 1062.935 1067.623 1072.310
40	382.388 385.767 390.472 395.192 399.897 404.601 408.477 412.370 416.246 420.138
45	227.859 227.859 227.793 227.727 227.661 227.594 227.213 226.832 226.451 226.070
50	159.780 159.548 159.167 158.803 158.422 158.057 157.494 156.947 156.384 155.837
55	109.921 109.722 109.424 109.143 108.844 108.546 108.132 107.735 107.320 106.906
60	72.519 72.386 72.204 72.022 71.823 71.641 71.392 71.160 70.912 70.664
65	47.937 47.854 47.755 47.672 47.573 47.473 47.324 47.192 47.043 46.894
70	31.472 31.423 31.373 31.323 31.257 31.207 31.141 31.058 30.992 30.909
75	19.380 19.347 19.331 19.297 19.281 19.248 19.215 19.182 19.165 19.132
80	9.392 9.392 9.409 9.425 9.425 9.442 9.475 9.508 9.525 9.558
85	1.988 1.988 1.988 1.971 1.971 1.971 1.971 1.971 1.955 1.955
90	0.729 0.729 0.729 0.762 0.762 0.762 0.762 0.762 0.795 0.795
95	1.988 1.988 1.988 1.971 1.971 1.971 1.971 1.971 1.955 1.955
100	9.392 9.392 9.409 9.425 9.425 9.442 9.475 9.508 9.525 9.558
105	19.380 19.347 19.331 19.297 19.281 19.248 19.215 19.182 19.165 19.132
110	31.472 31.423 31.373 31.323 31.257 31.207 31.141 31.058 30.992 30.909
115	47.937 47.854 47.755 47.672 47.573 47.473 47.324 47.192 47.043 46.894
120	72.519 72.386 72.204 72.022 71.823 71.641 71.392 71.160 70.912 70.664
125	109.921 109.722 109.424 109.143 108.844 108.546 108.132 107.735 107.320 106.906
130	159.780 159.548 159.167 158.803 158.422 158.057 157.494 156.947 156.384 155.837
135	227.859 227.859 227.793 227.727 227.661 227.594 227.213 226.832 226.451 226.070
140	382.388 385.767 390.472 395.192 399.897 404.601 408.477 412.370 416.246 420.138
145	1044.582 1045.708 1047.679 1049.634 1051.605 1053.560 1058.247 1062.935 1067.623 1072.310
150	2050.469 2044.605 2037.665 2030.724 2023.800 2016.860 2012.818 2008.793 2004.751 2000.726
155	2675.028 2675.757 2677.778 2679.782 2681.803 2683.824 2684.917 2686.010 2687.104 2688.197
160	3392.961 3399.106 3407.554 3416.018 3424.466 3432.914 3439.523 3446.116 3452.725 3459.334
165	4872.605 4884.134 4901.825 4919.499 4937.190 4954.880 4969.474 4984.083 4998.677 5013.270
170	7426.647 7449.639 7480.945 7512.268 7543.575 7574.882 7603.753 7632.625 7661.497 7690.368
175	10190.89110214.56110247.49110280.42110313.33510346.26510377.15710408.05010438.94210469.835
180	11273.70311273.70311273.70311273.70311273.70311273.70311273.70311273.70311273.70311273.703

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	11274.71411274.71411274.71411274.71411274.71411274.71411274.71411274.714									
5	10489.33110497.44810505.54810513.66410521.78110513.66410505.54810497.44810489.33110469.835									
10	7708.854 7716.938 7725.021 7733.104 7741.188 7733.104 7725.021 7716.938 7708.854 7690.368									
15	5021.038 5021.983 5022.910 5023.854 5024.782 5023.854 5022.910 5021.983 5021.038 5013.270									
20	3463.078 3463.972 3464.850 3465.744 3466.639 3465.744 3464.850 3463.972 3463.078 3459.334									
25	2689.605 2691.344 2693.067 2694.806 2696.529 2694.806 2693.067 2691.344 2689.605 2688.197									
30	1999.418 2000.859 2002.300 2003.741 2005.182 2003.741 2002.300 2000.859 1999.418 2000.726									
35	1076.220 1079.317 1082.415 1085.529 1088.626 1085.529 1082.415 1079.317 1076.220 1072.310									
40	422.872 424.462 426.035 427.626 429.216 427.626 426.035 424.462 422.872 420.138									
45	225.540 224.894 224.248 223.586 222.940 223.586 224.248 224.894 225.540 226.070									
50	155.357 154.960 154.579 154.181 153.784 154.181 154.579 154.960 155.357 155.837									
55	106.559 106.260 105.962 105.664 105.366 105.664 105.962 106.260 106.559 106.906									
60	70.465 70.283 70.117 69.935 69.769 69.935 70.117 70.283 70.465 70.664									
65	46.761 46.629 46.496 46.364 46.231 46.364 46.496 46.629 46.761 46.894									
70	30.826 30.743 30.661 30.578 30.495 30.578 30.661 30.743 30.826 30.909									
75	19.099 19.049 19.016 18.966 18.933 18.966 19.016 19.049 19.099 19.132									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

80	9.574	9.558	9.558	9.541	9.525	9.541	9.558	9.558	9.574	9.558
85	1.955	1.955	1.938	1.938	1.938	1.938	1.938	1.955	1.955	1.955
90	0.795	0.795	0.828	0.828	0.828	0.828	0.828	0.795	0.795	0.795
95	1.955	1.955	1.938	1.938	1.938	1.938	1.938	1.955	1.955	1.955
100	9.574	9.558	9.558	9.541	9.525	9.541	9.558	9.558	9.574	9.558
105	19.099	19.049	19.016	18.966	18.933	18.966	19.016	19.049	19.099	19.132
110	30.826	30.743	30.661	30.578	30.495	30.578	30.661	30.743	30.826	30.909
115	46.761	46.629	46.496	46.364	46.231	46.364	46.496	46.629	46.761	46.894
120	70.465	70.283	70.117	69.935	69.769	69.935	70.117	70.283	70.465	70.664
125	106.559	106.260	105.962	105.664	105.366	105.664	105.962	106.260	106.559	106.906
130	155.357	154.960	154.579	154.181	153.784	154.181	154.579	154.960	155.357	155.837
135	225.540	224.894	224.248	223.586	222.940	223.586	224.248	224.894	225.540	226.070
140	422.872	424.462	426.035	427.626	429.216	427.626	426.035	424.462	422.872	420.138
145	1076.220	1079.317	1082.415	1085.529	1088.626	1085.529	1082.415	1079.317	1076.220	1072.310
150	1999.418	2000.859	2002.300	2003.741	2005.182	2003.741	2002.300	2000.859	1999.418	2000.726
155	2689.605	2691.344	2693.067	2694.806	2696.529	2694.806	2693.067	2691.344	2689.605	2688.197
160	3463.078	3463.972	3464.850	3465.744	3466.639	3465.744	3464.850	3463.972	3463.078	3459.334
165	5021.038	5021.983	5022.910	5023.854	5024.782	5023.854	5022.910	5021.983	5021.038	5013.270
170	7708.854	7716.938	7725.021	7733.104	7741.188	7733.104	7725.021	7716.938	7708.854	7690.368
175	10489.331	10497.448	10505.564	10513.664	10521.781	10513.664	10505.564	10497.448	10489.331	10469.835
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

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	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714	11274.714
5	10438.942	10408.050	10377.157	10346.265	10313.335	10280.405	10247.491	10214.561	10190.891	10176.480
10	7661.497	7632.625	7603.753	7574.882	7545.575	7512.268	7480.945	7449.639	7426.647	7411.988
15	4998.677	4984.083	4969.474	4954.880	4937.190	4919.499	4901.825	4884.134	4872.605	4867.255
20	3452.725	3446.116	3439.523	3432.914	3424.466	3416.018	3407.554	3399.106	3392.961	3389.118
25	2687.104	2686.010	2684.917	2683.824	2681.803	2679.782	2677.778	2675.757	2675.028	2675.591
30	2004.751	2008.793	2012.818	2016.860	2023.800	2030.724	2037.665	2044.605	2050.469	2055.273
35	1067.623	1062.935	1058.247	1053.560	1051.605	1049.634	1047.679	1045.708	1044.582	1044.300
40	416.246	412.370	408.477	404.601	399.897	395.192	390.472	385.767	382.388	380.351
45	226.451	226.832	227.213	227.594	227.661	227.727	227.793	227.859	227.859	227.793
50	156.384	156.947	157.494	158.057	158.422	158.803	159.167	159.548	159.780	159.896
55	107.320	107.735	108.132	108.546	108.844	109.143	109.424	109.722	109.921	110.037
60	70.912	71.160	71.392	71.641	71.823	72.022	72.204	72.386	72.519	72.602
65	47.043	47.192	47.324	47.473	47.573	47.672	47.755	47.854	47.937	48.004
70	30.992	31.058	31.141	31.207	31.257	31.323	31.373	31.423	31.472	31.522
75	19.165	19.182	19.215	19.248	19.281	19.297	19.331	19.347	19.380	19.397
80	9.525	9.508	9.475	9.442	9.425	9.425	9.409	9.392	9.392	9.392
85	1.955	1.971	1.971	1.971	1.971	1.971	1.988	1.988	1.988	1.988
90	0.795	0.762	0.762	0.762	0.762	0.762	0.729	0.729	0.729	0.696
95	1.955	1.971	1.971	1.971	1.971	1.971	1.988	1.988	1.988	1.988
100	9.525	9.508	9.475	9.442	9.425	9.425	9.409	9.392	9.392	9.392
105	19.165	19.182	19.215	19.248	19.281	19.297	19.331	19.347	19.380	19.397
110	30.992	31.058	31.141	31.207	31.257	31.323	31.373	31.423	31.472	31.522
115	47.043	47.192	47.324	47.473	47.573	47.672	47.755	47.854	47.937	48.004
120	70.912	71.160	71.392	71.641	71.823	72.022	72.204	72.386	72.519	72.602
125	107.320	107.735	108.132	108.546	108.844	109.143	109.424	109.722	109.921	110.037
130	156.384	156.947	157.494	158.057	158.422	158.803	159.167	159.548	159.780	159.896
135	226.451	226.832	227.213	227.594	227.661	227.727	227.793	227.859	227.859	227.793
140	416.246	412.370	408.477	404.601	399.897	395.192	390.472	385.767	382.388	380.351
145	1067.623	1062.935	1058.247	1053.560	1051.605	1049.634	1047.679	1045.708	1044.582	1044.300
150	2004.751	2008.793	2012.818	2016.860	2023.800	2030.724	2037.665	2044.605	2050.469	2055.273

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	2687.104	2686.010	2684.917	2683.824	2681.803	2679.782	2677.778	2675.757	2675.028	2675.591
160	3452.725	3446.116	3439.523	3432.914	3424.466	3416.018	3407.554	3399.106	3392.961	3389.118
165	4998.677	4984.083	4969.474	4954.880	4937.190	4919.499	4901.825	4884.134	4872.605	4867.255
170	7661.497	7632.625	7603.753	7574.882	7543.575	7512.268	7480.945	7449.639	7426.647	7411.988
175	10438.942	10408.050	10377.157	10346.265	10313.335	10280.421	10247.491	10214.561	10190.891	10176.480
180	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703	11273.703

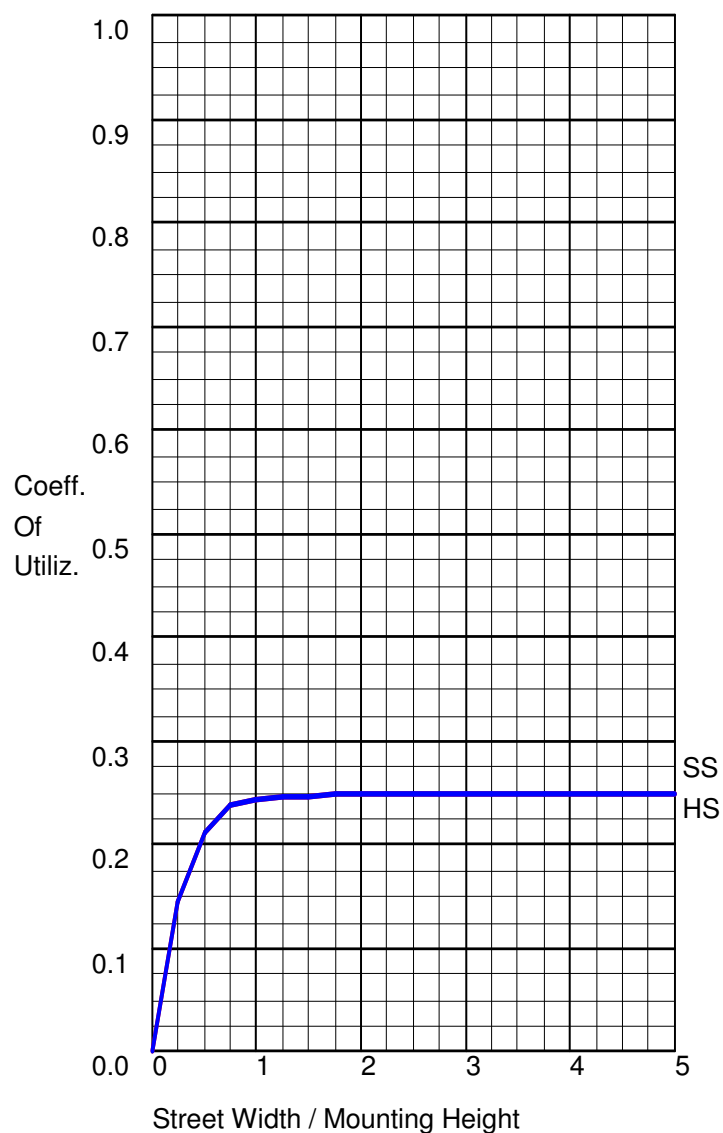
Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	11274.714	11274.714	11274.714
5	10162.086	10147.675	10133.264
10	7397.328	7382.652	7367.993
15	4861.905	4856.538	4851.187
20	3385.258	3381.415	3377.572
25	2676.171	2676.734	2677.297
30	2060.076	2064.880	2069.684
35	1044.002	1043.720	1043.422
40	378.297	376.259	374.205
45	227.743	227.677	227.611
50	160.012	160.111	160.227
55	110.153	110.269	110.385
60	72.668	72.751	72.817
65	48.086	48.153	48.219
70	31.555	31.605	31.638
75	19.413	19.447	19.463
80	9.392	9.392	9.392
85	1.971	1.971	1.971
90	0.696	0.663	0.663
95	1.971	1.971	1.971
100	9.392	9.392	9.392
105	19.413	19.447	19.463
110	31.555	31.605	31.638
115	48.086	48.153	48.219
120	72.668	72.751	72.817
125	110.153	110.269	110.385
130	160.012	160.111	160.227
135	227.743	227.677	227.611
140	378.297	376.259	374.205
145	1044.002	1043.720	1043.422
150	2060.076	2064.880	2069.684
155	2676.171	2676.734	2677.297
160	3385.258	3381.415	3377.572
165	4861.905	4856.538	4851.187
170	7397.328	7382.652	7367.993
175	10162.086	10147.675	10133.264
180	11273.703	11273.703	11273.703

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_.IES

COEFFICIENTS OF UTILIZATION



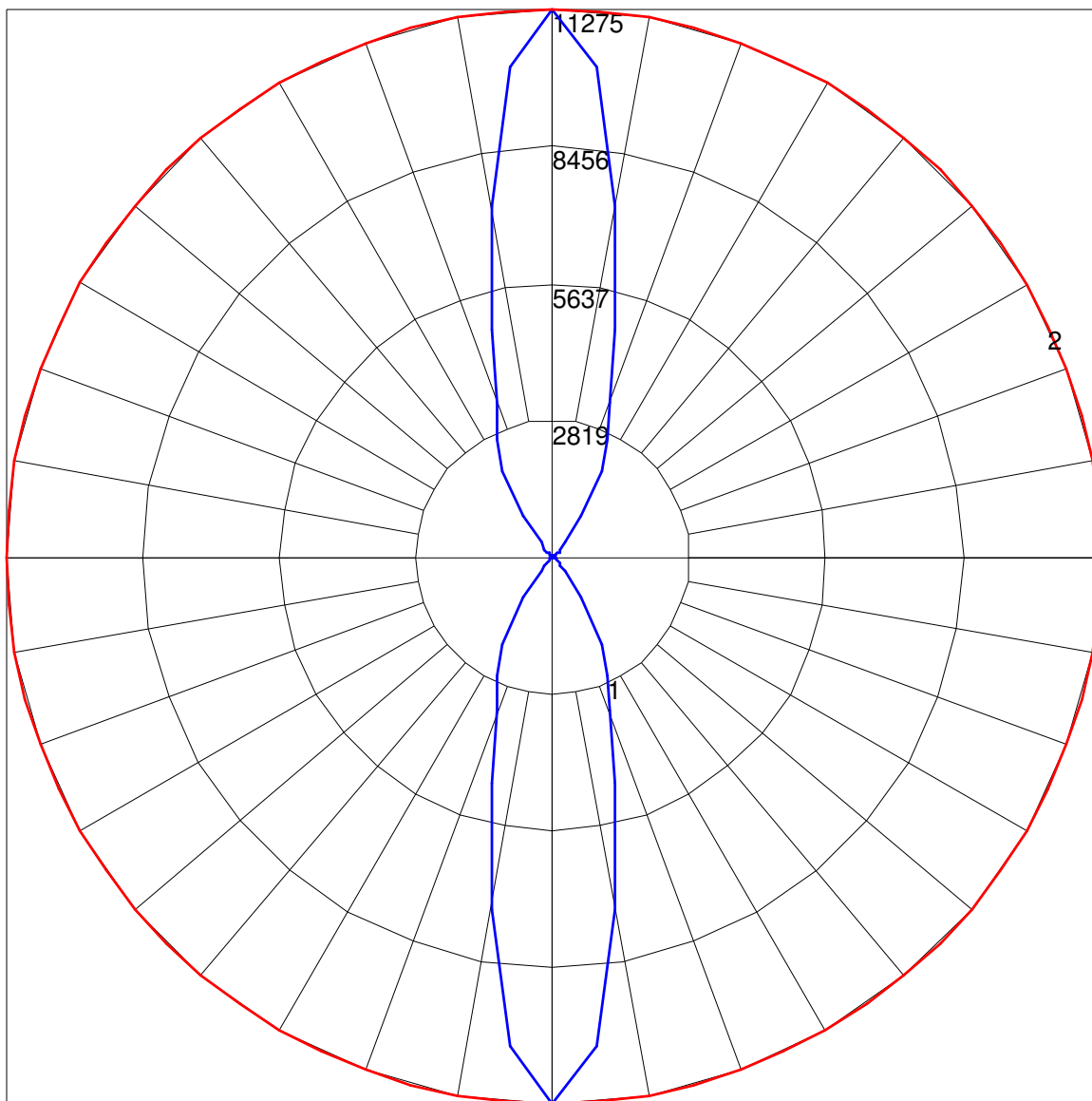
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2316.9	25.0
Downward House Side	2316.9	25.0
Downward Total	4633.8	50.0
Upward Street Side	2316.9	25.0
Upward House Side	2316.9	25.0
Upward Total	4633.8	50.0
Total Flux	9267.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 11274.714 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

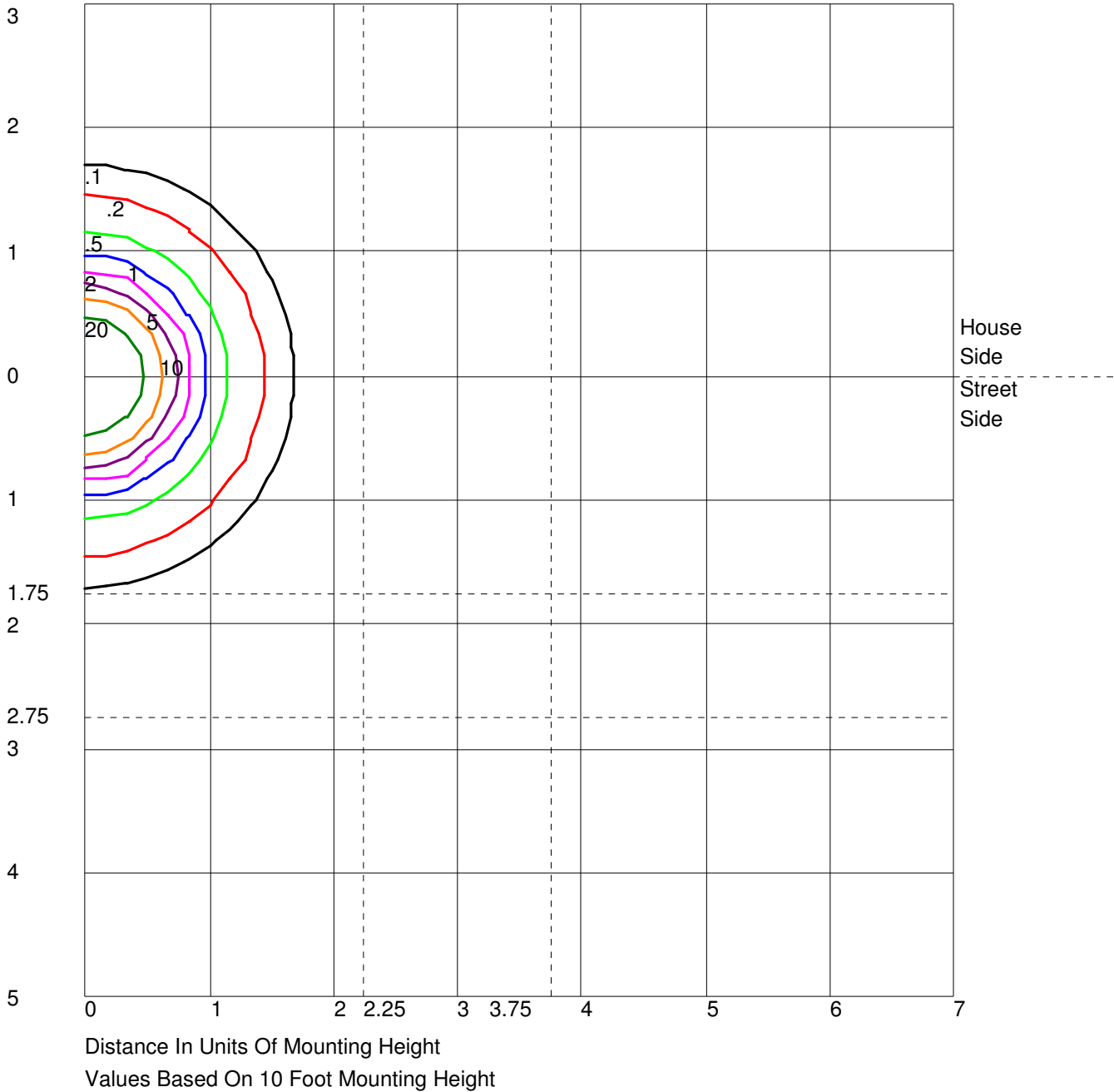


PHOTO LUMENS

