

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-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

[ISSUE DATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-940U-L40-940D-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	7775
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	35941.558
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	35941.558
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.512 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.13 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1724.7	N.A.	22.2
FM - Front-Medium (30-60)	200.2	N.A.	2.6
FH - Front-High (60-80)	17.7	N.A.	0.2
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1724.7	N.A.	22.2
BM - Back-Medium (30-60)	200.2	N.A.	2.6
BH - Back-High (60-80)	17.7	N.A.	0.2
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.5	N.A.	0.0
UH - Uplight-High (100-180)	3885.1	N.A.	50.0
Total	7775.2	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	35941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.558
5	24329.9712	4339.4392	4348.9072	4358.3632	4367.8312	4382.6842	4402.9342	4423.1732	4443.4232	4463.661
10	7291.214	7305.799	7320.385	7334.970	7349.556	7394.244	7469.044	7543.845	7618.634	7693.435
15	2401.698	2404.955	2408.200	2411.457	2414.702	2429.695	2456.435	2483.164	2509.904	2536.633
20	1569.387	1568.631	1567.875	1567.119	1566.363	1568.596	1573.841	1579.076	1584.321	1589.555
25	1401.547	1400.524	1399.488	1398.465	1397.430	1397.034	1397.267	1397.511	1397.744	1397.976
30	1114.394	1112.859	1111.323	1109.776	1108.241	1105.682	1102.111	1098.540	1094.970	1091.399
35	449.770	450.794	451.817	452.829	453.853	454.295	454.144	453.993	453.841	453.690
40	81.314	82.187	83.059	83.931	84.804	85.874	87.165	88.456	89.747	91.038
45	46.676	46.700	46.723	46.758	46.781	46.804	46.816	46.839	46.851	46.874
50	43.222	43.152	43.082	43.024	42.954	42.861	42.745	42.629	42.512	42.396
55	41.745	41.593	41.442	41.291	41.140	40.942	40.721	40.489	40.268	40.035
60	33.835	33.766	33.696	33.614	33.545	33.405	33.196	32.975	32.765	32.556
65	23.658	23.600	23.542	23.484	23.425	23.391	23.379	23.367	23.356	23.344
70	16.261	16.261	16.249	16.249	16.237	16.237	16.249	16.249	16.261	16.261
75	11.143	11.131	11.108	11.096	11.085	11.073	11.073	11.061	11.061	11.061
80	6.083	6.083	6.083	6.072	6.072	6.072	6.072	6.083	6.083	6.083
85	1.279	1.279	1.279	1.256	1.256	1.256	1.256	1.245	1.245	1.245
90	0.465	0.465	0.465	0.489	0.489	0.489	0.489	0.512	0.512	0.512
95	1.279	1.279	1.279	1.256	1.256	1.256	1.256	1.245	1.245	1.245
100	6.083	6.083	6.083	6.072	6.072	6.072	6.072	6.083	6.083	6.083
105	11.143	11.131	11.108	11.096	11.085	11.073	11.073	11.061	11.061	11.061
110	16.261	16.261	16.249	16.249	16.237	16.237	16.249	16.249	16.261	16.261
115	23.658	23.600	23.542	23.484	23.425	23.391	23.379	23.367	23.356	23.344
120	33.835	33.766	33.696	33.614	33.545	33.405	33.196	32.975	32.765	32.556
125	41.745	41.593	41.442	41.291	41.140	40.942	40.721	40.489	40.268	40.035
130	43.222	43.152	43.082	43.024	42.954	42.861	42.745	42.629	42.512	42.396
135	46.676	46.700	46.723	46.758	46.781	46.804	46.816	46.839	46.851	46.874
140	81.314	82.187	83.059	83.931	84.804	85.874	87.165	88.456	89.747	91.038
145	449.770	450.794	451.817	452.829	453.853	454.295	454.144	453.993	453.841	453.690
150	1114.394	1112.859	1111.323	1109.776	1108.241	1105.682	1102.111	1098.540	1094.970	1091.399
155	1401.547	1400.524	1399.488	1398.465	1397.430	1397.034	1397.267	1397.511	1397.744	1397.976
160	1569.387	1568.631	1567.875	1567.119	1566.363	1568.596	1573.841	1579.076	1584.321	1589.555
165	2401.698	2404.955	2408.200	2411.457	2414.702	2429.695	2456.435	2483.164	2509.904	2536.633
170	7291.214	7305.799	7320.385	7334.970	7349.556	7394.244	7469.044	7543.845	7618.634	7693.435
175	24329.9952	4339.4622	4348.9302	4358.3872	4367.8542	4382.7082	4402.9582	4423.1962	4443.4462	4463.685
180	35940.6853	5940.6853	5940.6853	5940.6853	5940.6853	5940.6853	5940.6853	5940.6853	5940.6853	5940.685

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	35941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.5583	5941.558
5	24524.8882	4586.1272	4647.3542	4708.5932	4741.1492	4745.0222	4748.8952	4752.7692	4756.6422	4752.769
10	7752.441	7811.446	7870.452	7929.457	7973.668	8003.060	8032.452	8061.845	8091.237	8061.845
15	2547.729	2558.826	2569.922	2581.018	2596.872	2617.471	2638.070	2658.680	2679.279	2658.680
20	1594.638	1599.733	1604.816	1609.898	1614.249	1617.854	1621.448	1625.054	1628.660	1625.054
25	1399.081	1400.186	1401.291	1402.396	1404.374	1407.212	1410.050	1412.888	1415.726	1412.888
30	1092.399	1093.388	1094.388	1095.377	1097.028	1099.343	1101.658	1103.972	1106.287	1103.972
35	457.307	460.913	464.530	468.148	470.102	470.416	470.730	471.032	471.346	471.032
40	92.794	94.551	96.307	98.063	98.889	98.785	98.691	98.587	98.494	98.587
45	46.851	46.839	46.816	46.804	46.816	46.862	46.921	46.967	47.014	46.967
50	42.338	42.280	42.222	42.163	42.129	42.094	42.059	42.035	42.001	42.035
55	39.919	39.791	39.674	39.546	39.477	39.442	39.418	39.384	39.360	39.384

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CANDELA TABULATION - (Cont.)

60	32.498	32.440	32.382	32.323	32.347	32.451	32.556	32.661	32.765	32.661
65	23.321	23.297	23.274	23.251	23.263	23.297	23.332	23.379	23.414	23.379
70	16.249	16.237	16.226	16.214	16.214	16.226	16.237	16.249	16.261	16.249
75	11.038	11.026	11.003	10.992	10.980	10.992	11.003	11.003	11.015	11.003
80	6.083	6.095	6.083	6.095	6.095	6.106	6.118	6.118	6.130	6.118
85	1.245	1.245	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233
90	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512
95	1.245	1.245	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233
100	6.083	6.095	6.083	6.095	6.095	6.106	6.118	6.118	6.130	6.118
105	11.038	11.026	11.003	10.992	10.980	10.992	11.003	11.003	11.015	11.003
110	16.249	16.237	16.226	16.214	16.214	16.226	16.237	16.249	16.261	16.249
115	23.321	23.297	23.274	23.251	23.263	23.297	23.332	23.379	23.414	23.379
120	32.498	32.440	32.382	32.323	32.347	32.451	32.556	32.661	32.765	32.661
125	39.919	39.791	39.674	39.546	39.477	39.442	39.418	39.384	39.360	39.384
130	42.338	42.280	42.222	42.163	42.129	42.094	42.059	42.035	42.001	42.035
135	46.851	46.839	46.816	46.804	46.816	46.862	46.921	46.967	47.014	46.967
140	92.794	94.551	96.307	98.063	98.889	98.785	98.691	98.587	98.494	98.587
145	457.307	460.913	464.530	468.148	470.102	470.416	470.730	471.032	471.346	471.032
150	1092.399	1093.388	1094.388	1095.377	1097.028	1099.343	1101.658	1103.972	1106.287	1103.972
155	1399.081	1400.186	1401.291	1402.396	1404.374	1407.212	1410.050	1412.888	1415.726	1412.888
160	1594.638	1599.733	1604.816	1609.898	1614.249	1617.854	1621.448	1625.054	1628.660	1625.054
165	2547.729	2558.826	2569.922	2581.018	2596.872	2617.471	2638.070	2658.680	2679.279	2658.680
170	7752.441	7811.446	7870.452	7929.457	7973.668	8003.060	8032.452	8061.845	8091.237	8061.845
175	24524.912	24586.150	24647.378	24708.616	24741.161	24745.045	24748.919	24752.792	24756.665	24752.792
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558
5	24748.895	24745.022	24741.149	24708.593	24647.354	24586.127	24524.888	24463.661	24443.423	24423.173
10	8032.452	8003.060	7973.668	7929.457	7870.452	7811.446	7752.441	7693.435	7618.634	7543.845
15	2638.070	2617.471	2596.872	2581.018	2569.922	2558.826	2547.729	2536.633	2509.904	2483.164
20	1621.448	1617.854	1614.249	1609.898	1604.816	1599.733	1594.638	1589.555	1584.321	1579.076
25	1410.050	1407.212	1404.374	1402.396	1401.291	1400.186	1399.081	1397.976	1397.744	1397.511
30	1101.658	1099.343	1097.028	1095.377	1094.388	1093.388	1092.399	1091.399	1094.970	1098.540
35	470.730	470.416	470.102	468.148	464.530	460.913	457.307	453.690	453.841	453.993
40	98.691	98.785	98.889	98.063	96.307	94.551	92.794	91.038	89.747	88.456
45	46.921	46.862	46.816	46.804	46.816	46.839	46.851	46.874	46.851	46.839
50	42.059	42.094	42.129	42.163	42.222	42.280	42.338	42.396	42.512	42.629
55	39.418	39.442	39.477	39.546	39.674	39.791	39.919	40.035	40.268	40.489
60	32.556	32.451	32.347	32.323	32.382	32.440	32.498	32.556	32.765	32.975
65	23.332	23.297	23.263	23.251	23.274	23.297	23.321	23.344	23.356	23.367
70	16.237	16.226	16.214	16.214	16.226	16.237	16.249	16.261	16.261	16.249
75	11.003	10.992	10.980	10.992	11.003	11.026	11.038	11.061	11.061	11.061
80	6.118	6.106	6.095	6.095	6.083	6.095	6.083	6.083	6.083	6.083
85	1.233	1.233	1.233	1.233	1.233	1.245	1.245	1.245	1.245	1.245
90	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512
95	1.233	1.233	1.233	1.233	1.233	1.245	1.245	1.245	1.245	1.245
100	6.118	6.106	6.095	6.095	6.083	6.095	6.083	6.083	6.083	6.083
105	11.003	10.992	10.980	10.992	11.003	11.026	11.038	11.061	11.061	11.061
110	16.237	16.226	16.214	16.214	16.226	16.237	16.249	16.261	16.261	16.249
115	23.332	23.297	23.263	23.251	23.274	23.297	23.321	23.344	23.356	23.367
120	32.556	32.451	32.347	32.323	32.382	32.440	32.498	32.556	32.765	32.975
125	39.418	39.442	39.477	39.546	39.674	39.791	39.919	40.035	40.268	40.489
130	42.059	42.094	42.129	42.163	42.222	42.280	42.338	42.396	42.512	42.629

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CANDELA TABULATION - (Cont.)

135	46.921	46.862	46.816	46.804	46.816	46.839	46.851	46.874	46.851	46.839
140	98.691	98.785	98.889	98.063	96.307	94.551	92.794	91.038	89.747	88.456
145	470.730	470.416	470.102	468.148	464.530	460.913	457.307	453.690	453.841	453.993
150	1101.658	1099.343	1097.028	1095.377	1094.388	1093.388	1092.399	1091.399	1094.970	1098.540
155	1410.050	1407.212	1404.374	1402.396	1401.291	1400.186	1399.081	1397.976	1397.744	1397.511
160	1621.448	1617.854	1614.249	1609.898	1604.816	1599.733	1594.638	1589.555	1584.321	1579.076
165	2638.070	2617.471	2596.872	2581.018	2569.922	2558.826	2547.729	2536.633	2509.904	2483.164
170	8032.452	8003.060	7973.668	7929.457	7870.452	7811.446	7752.441	7693.435	7618.634	7543.845
175	24748.919	24745.034	24741.161	24708.616	24647.378	24586.150	24524.912	24463.685	24443.434	24423.196
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

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	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558
5	24402.934	24382.684	24367.831	24358.363	24348.907	24339.439	24329.971	24339.439	24348.907	24358.363
10	7469.044	7394.244	7349.556	7334.970	7320.385	7305.799	7291.214	7305.799	7320.385	7334.970
15	2456.435	2429.695	2414.702	2411.457	2408.200	2404.955	2401.698	2404.955	2408.200	2411.457
20	1573.841	1568.596	1566.363	1567.119	1567.875	1568.631	1569.387	1568.631	1567.875	1567.119
25	1397.267	1397.034	1397.430	1398.465	1399.488	1400.524	1401.547	1400.524	1399.488	1398.465
30	1102.111	1105.682	1108.241	1109.776	1111.323	1112.859	1114.394	1112.859	1111.323	1109.776
35	454.144	454.295	453.853	452.829	451.817	450.794	449.770	450.794	451.817	452.829
40	87.165	85.874	84.804	83.931	83.059	82.187	81.314	82.187	83.059	83.931
45	46.816	46.804	46.781	46.758	46.723	46.700	46.676	46.700	46.723	46.758
50	42.745	42.861	42.954	43.024	43.082	43.152	43.222	43.152	43.082	43.024
55	40.721	40.942	41.140	41.291	41.442	41.593	41.745	41.593	41.442	41.291
60	33.196	33.405	33.545	33.614	33.696	33.766	33.835	33.766	33.696	33.614
65	23.379	23.391	23.425	23.484	23.542	23.600	23.658	23.600	23.542	23.484
70	16.249	16.237	16.237	16.249	16.249	16.261	16.261	16.261	16.249	16.249
75	11.073	11.073	11.085	11.096	11.108	11.131	11.143	11.131	11.108	11.096
80	6.072	6.072	6.072	6.072	6.083	6.083	6.083	6.083	6.083	6.072
85	1.256	1.256	1.256	1.256	1.279	1.279	1.279	1.279	1.279	1.256
90	0.489	0.489	0.489	0.489	0.465	0.465	0.465	0.465	0.465	0.489
95	1.256	1.256	1.256	1.256	1.279	1.279	1.279	1.279	1.279	1.256
100	6.072	6.072	6.072	6.072	6.083	6.083	6.083	6.083	6.083	6.072
105	11.073	11.073	11.085	11.096	11.108	11.131	11.143	11.131	11.108	11.096
110	16.249	16.237	16.237	16.249	16.249	16.261	16.261	16.261	16.249	16.249
115	23.379	23.391	23.425	23.484	23.542	23.600	23.658	23.600	23.542	23.484
120	33.196	33.405	33.545	33.614	33.696	33.766	33.835	33.766	33.696	33.614
125	40.721	40.942	41.140	41.291	41.442	41.593	41.745	41.593	41.442	41.291
130	42.745	42.861	42.954	43.024	43.082	43.152	43.222	43.152	43.082	43.024
135	46.816	46.804	46.781	46.758	46.723	46.700	46.676	46.700	46.723	46.758
140	87.165	85.874	84.804	83.931	83.059	82.187	81.314	82.187	83.059	83.931
145	454.144	454.295	453.853	452.829	451.817	450.794	449.770	450.794	451.817	452.829
150	1102.111	1105.682	1108.241	1109.776	1111.323	1112.859	1114.394	1112.859	1111.323	1109.776
155	1397.267	1397.034	1397.430	1398.465	1399.488	1400.524	1401.547	1400.524	1399.488	1398.465
160	1573.841	1568.596	1566.363	1567.119	1567.875	1568.631	1569.387	1568.631	1567.875	1567.119
165	2456.435	2429.695	2414.702	2411.457	2408.200	2404.955	2401.698	2404.955	2408.200	2411.457
170	7469.044	7394.244	7349.556	7334.970	7320.385	7305.799	7291.214	7305.799	7320.385	7334.970
175	24402.958	24382.708	24367.854	24358.387	24348.919	24339.462	24329.995	24339.462	24348.919	24358.387
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

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	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	24367.831	24382.684	24402.934	24423.173	24443.423	24463.661	24524.888	24586.127	24647.354	24708.593
10	7349.556	7394.244	7469.044	7543.845	7618.634	7693.435	7752.441	7811.446	7870.452	7929.457
15	2414.702	2429.695	2456.435	2483.164	2509.904	2536.633	2547.729	2558.826	2569.922	2581.018
20	1566.363	1568.596	1573.841	1579.076	1584.321	1589.555	1594.638	1599.733	1604.816	1609.898
25	1397.430	1397.034	1397.267	1397.511	1397.744	1397.976	1399.081	1400.186	1401.291	1402.396
30	1108.241	1105.682	1102.111	1098.540	1094.970	1091.399	1092.399	1093.388	1094.388	1095.377
35	453.853	454.295	454.144	453.993	453.841	453.690	457.307	460.913	464.530	468.148
40	84.804	85.874	87.165	88.456	89.747	91.038	92.794	94.551	96.307	98.063
45	46.781	46.804	46.816	46.839	46.851	46.874	46.851	46.839	46.816	46.804
50	42.954	42.861	42.745	42.629	42.512	42.396	42.338	42.280	42.222	42.163
55	41.140	40.942	40.721	40.489	40.268	40.035	39.919	39.791	39.674	39.546
60	33.545	33.405	33.196	32.975	32.765	32.556	32.498	32.440	32.382	32.323
65	23.425	23.391	23.379	23.367	23.356	23.344	23.321	23.297	23.274	23.251
70	16.237	16.237	16.249	16.249	16.261	16.261	16.249	16.237	16.226	16.214
75	11.085	11.073	11.073	11.061	11.061	11.061	11.038	11.026	11.003	10.992
80	6.072	6.072	6.072	6.083	6.083	6.083	6.083	6.095	6.083	6.095
85	1.256	1.256	1.256	1.245	1.245	1.245	1.245	1.245	1.233	1.233
90	0.489	0.489	0.489	0.512	0.512	0.512	0.512	0.512	0.512	0.512
95	1.256	1.256	1.256	1.245	1.245	1.245	1.245	1.245	1.233	1.233
100	6.072	6.072	6.072	6.083	6.083	6.083	6.083	6.095	6.083	6.095
105	11.085	11.073	11.073	11.061	11.061	11.061	11.038	11.026	11.003	10.992
110	16.237	16.237	16.249	16.249	16.261	16.261	16.249	16.237	16.226	16.214
115	23.425	23.391	23.379	23.367	23.356	23.344	23.321	23.297	23.274	23.251
120	33.545	33.405	33.196	32.975	32.765	32.556	32.498	32.440	32.382	32.323
125	41.140	40.942	40.721	40.489	40.268	40.035	39.919	39.791	39.674	39.546
130	42.954	42.861	42.745	42.629	42.512	42.396	42.338	42.280	42.222	42.163
135	46.781	46.804	46.816	46.839	46.851	46.874	46.851	46.839	46.816	46.804
140	84.804	85.874	87.165	88.456	89.747	91.038	92.794	94.551	96.307	98.063
145	453.853	454.295	454.144	453.993	453.841	453.690	457.307	460.913	464.530	468.148
150	1108.241	1105.682	1102.111	1098.540	1094.970	1091.399	1092.399	1093.388	1094.388	1095.377
155	1397.430	1397.034	1397.267	1397.511	1397.744	1397.976	1399.081	1400.186	1401.291	1402.396
160	1566.363	1568.596	1573.841	1579.076	1584.321	1589.555	1594.638	1599.733	1604.816	1609.898
165	2414.702	2429.695	2456.435	2483.164	2509.904	2536.633	2547.729	2558.826	2569.922	2581.018
170	7349.556	7394.244	7469.044	7543.845	7618.634	7693.435	7752.441	7811.446	7870.452	7929.457
175	24367.854	24382.708	24402.958	24423.196	24443.434	24463.685	24524.912	24586.150	24647.378	24708.616
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

Vert. Angles Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558
5	24741.149	24745.022	24748.895	24752.769	24756.642	24752.769	24748.895	24745.022	24741.149	24708.593
10	7973.668	8003.060	8032.452	8061.845	8091.237	8061.845	8032.452	8003.060	7973.668	7929.457
15	2596.872	2617.471	2638.070	2658.680	2679.279	2658.680	2638.070	2617.471	2596.872	2581.018
20	1614.249	1617.854	1621.448	1625.054	1628.660	1625.054	1621.448	1617.854	1614.249	1609.898
25	1404.374	1407.212	1410.050	1412.888	1415.726	1412.888	1410.050	1407.212	1404.374	1402.396
30	1097.028	1099.343	1101.658	1103.972	1106.287	1103.972	1101.658	1099.343	1097.028	1095.377
35	470.102	470.416	470.730	471.032	471.346	471.032	470.730	470.416	470.102	468.148
40	98.889	98.785	98.691	98.587	98.494	98.587	98.691	98.785	98.889	98.063
45	46.816	46.862	46.921	46.967	47.014	46.967	46.921	46.862	46.816	46.804
50	42.129	42.094	42.059	42.035	42.001	42.035	42.059	42.094	42.129	42.163
55	39.477	39.442	39.418	39.384	39.360	39.384	39.418	39.442	39.477	39.546
60	32.347	32.451	32.556	32.661	32.765	32.661	32.556	32.451	32.347	32.323
65	23.263	23.297	23.332	23.379	23.414	23.379	23.332	23.297	23.263	23.251
70	16.214	16.226	16.237	16.249	16.261	16.249	16.237	16.226	16.214	16.214
75	10.980	10.992	11.003	11.003	11.015	11.003	11.003	10.992	10.980	10.992

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	6.095	6.106	6.118	6.118	6.130	6.118	6.118	6.106	6.095	6.095
85	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233
90	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512
95	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.233
100	6.095	6.106	6.118	6.118	6.130	6.118	6.118	6.106	6.095	6.095
105	10.980	10.992	11.003	11.003	11.015	11.003	11.003	10.992	10.980	10.992
110	16.214	16.226	16.237	16.249	16.261	16.249	16.237	16.226	16.214	16.214
115	23.263	23.297	23.332	23.379	23.414	23.379	23.332	23.297	23.263	23.251
120	32.347	32.451	32.556	32.661	32.765	32.661	32.556	32.451	32.347	32.323
125	39.477	39.442	39.418	39.384	39.360	39.384	39.418	39.442	39.477	39.546
130	42.129	42.094	42.059	42.035	42.001	42.035	42.059	42.094	42.129	42.163
135	46.816	46.862	46.921	46.967	47.014	46.967	46.921	46.862	46.816	46.804
140	98.889	98.785	98.691	98.587	98.494	98.587	98.691	98.785	98.889	98.063
145	470.102	470.416	470.730	471.032	471.346	471.032	470.730	470.416	470.102	468.148
150	1097.028	1099.343	1101.658	1103.972	1106.287	1103.972	1101.658	1099.343	1097.028	1095.377
155	1404.374	1407.212	1410.050	1412.888	1415.726	1412.888	1410.050	1407.212	1404.374	1402.396
160	1614.249	1617.854	1621.448	1625.054	1628.660	1625.054	1621.448	1617.854	1614.249	1609.898
165	2596.872	2617.471	2638.070	2658.680	2679.279	2658.680	2638.070	2617.471	2596.872	2581.018
170	7973.668	8003.060	8032.452	8061.845	8091.237	8061.845	8032.452	8003.060	7973.668	7929.457
175	24741.161	24745.034	24748.919	24752.792	24756.665	24752.792	24748.919	24745.034	24741.161	24708.616
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

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	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558	35941.558
5	24647.354	24586.127	24524.888	24463.661	24443.423	24423.173	24402.934	24382.684	24367.831	24358.363
10	7870.452	7811.446	7752.441	7693.435	7618.634	7543.845	7469.044	7394.244	7349.556	7334.970
15	2569.922	2558.826	2547.729	2536.633	2509.904	2483.164	2456.435	2429.695	2414.702	2411.457
20	1604.816	1599.733	1594.638	1589.555	1584.321	1579.076	1573.841	1568.596	1566.363	1567.119
25	1401.291	1400.186	1399.081	1397.976	1397.744	1397.511	1397.267	1397.034	1397.430	1398.465
30	1094.388	1093.388	1092.399	1091.399	1094.970	1098.540	1102.111	1105.682	1108.241	1109.776
35	464.530	460.913	457.307	453.690	453.841	453.993	454.144	454.295	453.853	452.829
40	96.307	94.551	92.794	91.038	89.747	88.456	87.165	85.874	84.804	83.931
45	46.816	46.839	46.851	46.874	46.851	46.839	46.816	46.804	46.781	46.758
50	42.222	42.280	42.338	42.396	42.512	42.629	42.745	42.861	42.954	43.024
55	39.674	39.791	39.919	40.035	40.268	40.489	40.721	40.942	41.140	41.291
60	32.382	32.440	32.498	32.556	32.765	32.975	33.196	33.405	33.545	33.614
65	23.274	23.297	23.321	23.344	23.356	23.367	23.379	23.391	23.425	23.484
70	16.226	16.237	16.249	16.261	16.261	16.249	16.249	16.237	16.237	16.249
75	11.003	11.026	11.038	11.061	11.061	11.061	11.073	11.073	11.085	11.096
80	6.083	6.095	6.083	6.083	6.083	6.083	6.072	6.072	6.072	6.072
85	1.233	1.245	1.245	1.245	1.245	1.245	1.256	1.256	1.256	1.256
90	0.512	0.512	0.512	0.512	0.512	0.512	0.489	0.489	0.489	0.489
95	1.233	1.245	1.245	1.245	1.245	1.245	1.256	1.256	1.256	1.256
100	6.083	6.095	6.083	6.083	6.083	6.083	6.072	6.072	6.072	6.072
105	11.003	11.026	11.038	11.061	11.061	11.061	11.073	11.073	11.085	11.096
110	16.226	16.237	16.249	16.261	16.261	16.249	16.249	16.237	16.237	16.249
115	23.274	23.297	23.321	23.344	23.356	23.367	23.379	23.391	23.425	23.484
120	32.382	32.440	32.498	32.556	32.765	32.975	33.196	33.405	33.545	33.614
125	39.674	39.791	39.919	40.035	40.268	40.489	40.721	40.942	41.140	41.291
130	42.222	42.280	42.338	42.396	42.512	42.629	42.745	42.861	42.954	43.024
135	46.816	46.839	46.851	46.874	46.851	46.839	46.816	46.804	46.781	46.758
140	96.307	94.551	92.794	91.038	89.747	88.456	87.165	85.874	84.804	83.931
145	464.530	460.913	457.307	453.690	453.841	453.993	454.144	454.295	453.853	452.829
150	1094.388	1093.388	1092.399	1091.399	1094.970	1098.540	1102.111	1105.682	1108.241	1109.776

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-S-XX_.IES****CANDELA TABULATION - (Cont.)**

155	1401.291	1400.186	1399.081	1397.976	1397.744	1397.511	1397.267	1397.034	1397.430	1398.465
160	1604.816	1599.733	1594.638	1589.555	1584.321	1579.076	1573.841	1568.596	1566.363	1567.119
165	2569.922	2558.826	2547.729	2536.633	2509.904	2483.164	2456.435	2429.695	2414.702	2411.457
170	7870.452	7811.446	7752.441	7693.435	7618.634	7543.845	7469.044	7394.244	7349.556	7334.970
175	24647.378	24586.150	24524.912	24463.685	24443.446	24423.196	24402.958	24382.708	24367.854	24358.387
180	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685	35940.685

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	35941.558	35941.558	35941.558
5	24348.907	24339.439	24329.971
10	7320.385	7305.799	7291.214
15	2408.200	2404.955	2401.698
20	1567.875	1568.631	1569.387
25	1399.488	1400.524	1401.547
30	1111.323	1112.859	1114.394
35	451.817	450.794	449.770
40	83.059	82.187	81.314
45	46.723	46.700	46.676
50	43.082	43.152	43.222
55	41.442	41.593	41.745
60	33.696	33.766	33.835
65	23.542	23.600	23.658
70	16.249	16.261	16.261
75	11.108	11.131	11.143
80	6.083	6.083	6.083
85	1.279	1.279	1.279
90	0.465	0.465	0.465
95	1.279	1.279	1.279
100	6.083	6.083	6.083
105	11.108	11.131	11.143
110	16.249	16.261	16.261
115	23.542	23.600	23.658
120	33.696	33.766	33.835
125	41.442	41.593	41.745
130	43.082	43.152	43.222
135	46.723	46.700	46.676
140	83.059	82.187	81.314
145	451.817	450.794	449.770
150	1111.323	1112.859	1114.394
155	1399.488	1400.524	1401.547
160	1567.875	1568.631	1569.387
165	2408.200	2404.955	2401.698
170	7320.385	7305.799	7291.214
175	24348.930	24339.462	24329.995
180	35940.685	35940.685	35940.685

COEFFICIENTS OF UTILIZATION



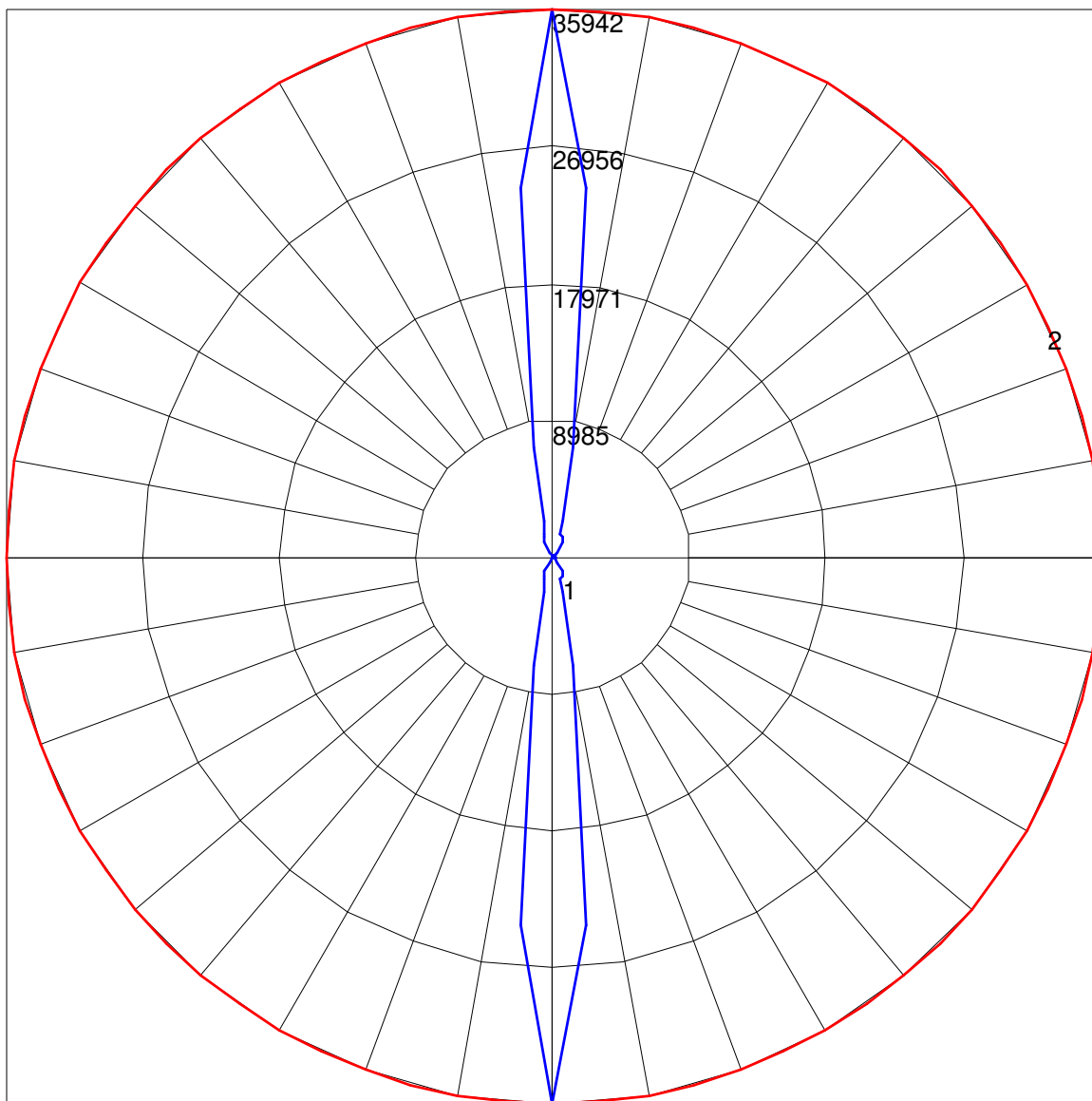
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1943.8	25.0
Downward House Side	1943.8	25.0
Downward Total	3887.6	50.0
Upward Street Side	1943.8	25.0
Upward House Side	1943.8	25.0
Upward Total	3887.6	50.0
Total Flux	7775.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 35941.558 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

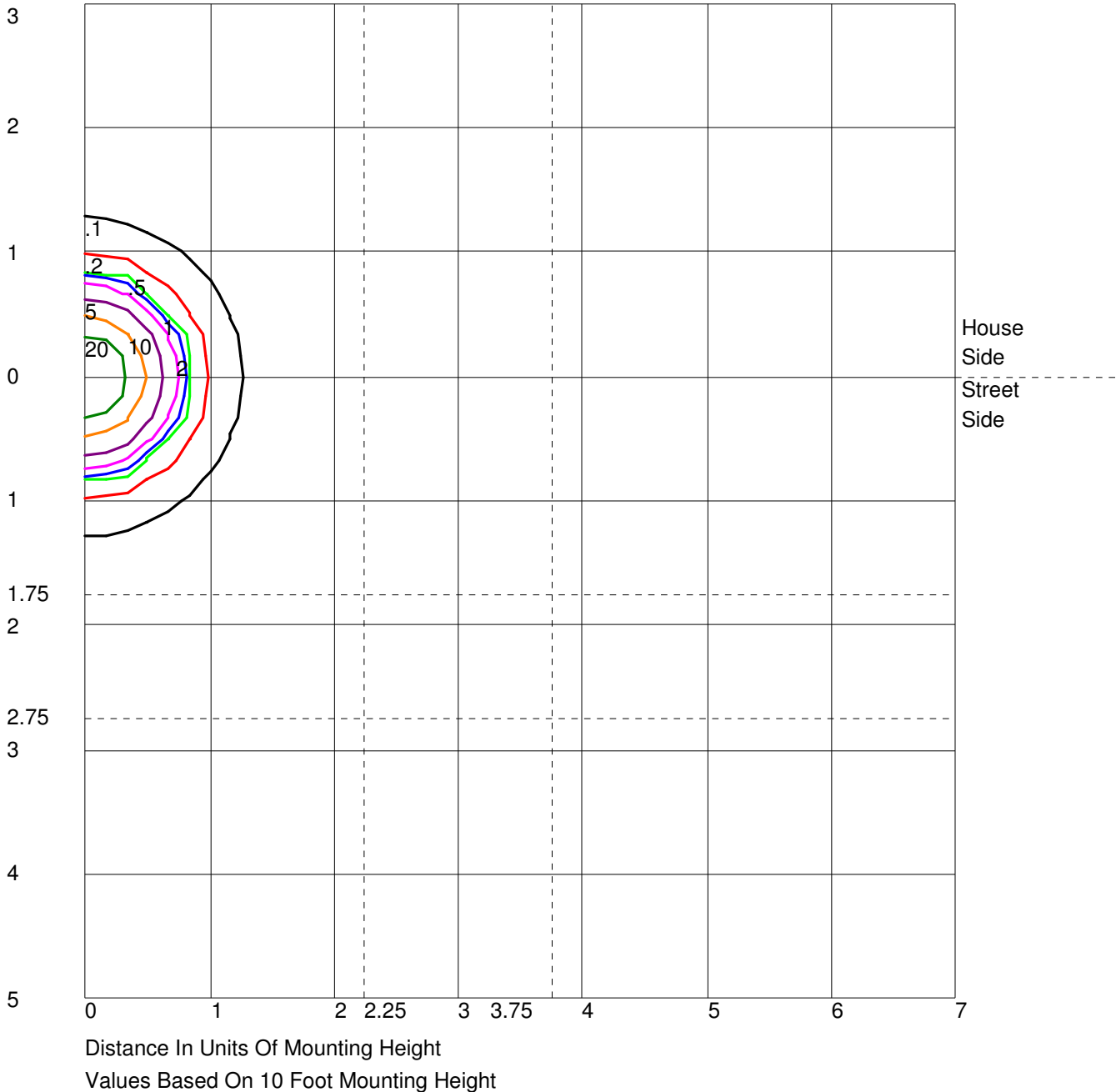


PHOTO LUMENS

