

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L20-927U-L20-927D-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	3986
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	18424.799
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	18424.799
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.262 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.142 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	884.1	N.A.	22.2
FM - Front-Medium (30-60)	102.6	N.A.	2.6
FH - Front-High (60-80)	9.1	N.A.	0.2
FVH - Front-Very High (80-90)	0.6	N.A.	0.0
BL - Back-Low (0-30)	884.1	N.A.	22.2
BM - Back-Medium (30-60)	102.6	N.A.	2.6
BH - Back-High (60-80)	9.1	N.A.	0.2
BVH - Back-Very High (80-90)	0.6	N.A.	0.0
UL - Uplight-Low (90-100)	1.3	N.A.	0.0
UH - Uplight-High (100-180)	1991.6	N.A.	50.0
Total	3985.7	N.A.	100.0
BUG Rating	B2-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799
5	12472.326	12477.180	12482.033	12486.881	12491.734	12499.348	12509.729	12520.104	12530.485	12540.860
10	3737.711	3745.188	3752.665	3760.142	3767.619	3790.527	3828.872	3867.218	3905.557	3943.902
15	1231.188	1232.857	1234.521	1236.191	1237.854	1245.540	1259.248	1272.950	1286.658	1300.360
20	804.518	804.131	803.743	803.355	802.968	804.113	806.802	809.485	812.174	814.857
25	718.478	717.953	717.423	716.898	716.367	716.165	716.284	716.409	716.528	716.648
30	571.274	570.487	569.700	568.907	568.120	566.808	564.978	563.147	561.317	559.486
35	230.567	231.091	231.616	232.135	232.660	232.886	232.809	232.731	232.654	232.576
40	41.684	42.132	42.579	43.026	43.473	44.022	44.684	45.345	46.007	46.669
45	23.928	23.940	23.952	23.970	23.981	23.993	23.999	24.011	24.017	24.029
50	22.157	22.121	22.085	22.056	22.020	21.972	21.912	21.853	21.793	21.734
55	21.400	21.322	21.245	21.167	21.090	20.988	20.875	20.756	20.642	20.523
60	17.345	17.309	17.274	17.232	17.196	17.125	17.017	16.904	16.797	16.689
65	12.128	12.098	12.068	12.038	12.009	11.991	11.985	11.979	11.973	11.967
70	8.336	8.336	8.330	8.330	8.324	8.324	8.330	8.330	8.336	8.336
75	5.712	5.706	5.694	5.688	5.682	5.676	5.676	5.670	5.670	5.670
80	3.118	3.118	3.118	3.112	3.112	3.112	3.112	3.118	3.118	3.118
85	0.656	0.656	0.656	0.644	0.644	0.644	0.644	0.638	0.638	0.638
90	0.239	0.239	0.239	0.250	0.250	0.250	0.250	0.262	0.262	0.262
95	0.656	0.656	0.656	0.644	0.644	0.644	0.644	0.638	0.638	0.638
100	3.118	3.118	3.118	3.112	3.112	3.112	3.112	3.118	3.118	3.118
105	5.712	5.706	5.694	5.688	5.682	5.676	5.676	5.670	5.670	5.670
110	8.336	8.336	8.330	8.330	8.324	8.324	8.330	8.330	8.336	8.336
115	12.128	12.098	12.068	12.038	12.009	11.991	11.985	11.979	11.973	11.967
120	17.345	17.309	17.274	17.232	17.196	17.125	17.017	16.904	16.797	16.689
125	21.400	21.322	21.245	21.167	21.090	20.988	20.875	20.756	20.642	20.523
130	22.157	22.121	22.085	22.056	22.020	21.972	21.912	21.853	21.793	21.734
135	23.928	23.940	23.952	23.970	23.981	23.993	23.999	24.011	24.017	24.029
140	41.684	42.132	42.579	43.026	43.473	44.022	44.684	45.345	46.007	46.669
145	230.567	231.091	231.616	232.135	232.660	232.886	232.809	232.731	232.654	232.576
150	571.274	570.487	569.700	568.907	568.120	566.808	564.978	563.147	561.317	559.486
155	718.478	717.953	717.423	716.898	716.367	716.165	716.284	716.409	716.528	716.648
160	804.518	804.131	803.743	803.355	802.968	804.113	806.802	809.485	812.174	814.857
165	1231.188	1232.857	1234.521	1236.191	1237.854	1245.540	1259.248	1272.950	1286.658	1300.360
170	3737.711	3745.188	3752.665	3760.142	3767.619	3790.527	3828.872	3867.218	3905.557	3943.902
175	12472.338	12477.191	12482.045	12486.893	12491.746	12499.360	12509.741	12520.116	12530.497	12540.872
180	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799
5	12572.247	12603.640	12635.027	12666.420	12683.109	12685.094	12687.080	12689.066	12691.051	12689.066
10	3974.150	4004.399	4034.647	4064.895	4087.559	4102.626	4117.693	4132.761	4147.828	4132.761
15	1306.048	1311.736	1317.425	1323.113	1331.240	1341.800	1352.359	1362.925	1373.485	1362.925
20	817.463	820.074	822.680	825.286	827.516	829.364	831.207	833.055	834.903	833.055
25	717.214	717.781	718.347	718.913	719.927	721.382	722.837	724.292	725.747	724.292
30	559.999	560.506	561.019	561.525	562.372	563.559	564.745	565.932	567.118	565.932
35	234.430	236.279	238.133	239.988	240.989	241.150	241.311	241.466	241.627	241.466
40	47.569	48.470	49.370	50.270	50.694	50.640	50.592	50.539	50.491	50.539
45	24.017	24.011	23.999	23.993	23.999	24.023	24.053	24.077	24.101	24.077
50	21.704	21.674	21.644	21.614	21.596	21.579	21.561	21.549	21.531	21.549
55	20.464	20.398	20.338	20.273	20.237	20.219	20.207	20.189	20.177	20.189

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CANDELA TABULATION - (Cont.)

60	16.659	16.630	16.600	16.570	16.582	16.636	16.689	16.743	16.797	16.743
65	11.955	11.943	11.931	11.919	11.925	11.943	11.961	11.985	12.003	11.985
70	8.330	8.324	8.318	8.312	8.312	8.318	8.324	8.330	8.336	8.330
75	5.658	5.653	5.641	5.635	5.629	5.635	5.641	5.641	5.647	5.641
80	3.118	3.124	3.118	3.124	3.124	3.130	3.136	3.136	3.142	3.136
85	0.638	0.638	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632
90	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262
95	0.638	0.638	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632
100	3.118	3.124	3.118	3.124	3.124	3.130	3.136	3.136	3.142	3.136
105	5.658	5.653	5.641	5.635	5.629	5.635	5.641	5.641	5.647	5.641
110	8.330	8.324	8.318	8.312	8.312	8.318	8.324	8.330	8.336	8.330
115	11.955	11.943	11.931	11.919	11.925	11.943	11.961	11.985	12.003	11.985
120	16.659	16.630	16.600	16.570	16.582	16.636	16.689	16.743	16.797	16.743
125	20.464	20.398	20.338	20.273	20.237	20.219	20.207	20.189	20.177	20.189
130	21.704	21.674	21.644	21.614	21.596	21.579	21.561	21.549	21.531	21.549
135	24.017	24.011	23.999	23.993	23.999	24.023	24.053	24.077	24.101	24.077
140	47.569	48.470	49.370	50.270	50.694	50.640	50.592	50.539	50.491	50.539
145	234.430	236.279	238.133	239.988	240.989	241.150	241.311	241.466	241.627	241.466
150	559.999	560.506	561.019	561.525	562.372	563.559	564.745	565.932	567.118	565.932
155	717.214	717.781	718.347	718.913	719.927	721.382	722.837	724.292	725.747	724.292
160	817.463	820.074	822.680	825.286	827.516	829.364	831.207	833.055	834.903	833.055
165	1306.048	1311.736	1317.425	1323.113	1331.240	1341.800	1352.359	1362.925	1373.485	1362.925
170	3974.150	4004.399	4034.647	4064.895	4087.559	4102.626	4117.693	4132.761	4147.828	4132.761
175	12572.2591	12603.6521	12635.0391	12666.4321	12683.1151	12685.1061	12687.0921	12689.0771	12691.0631	12689.0771
180	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991
5	12687.0801	12685.0941	12683.1091	12666.4201	12635.0271	12603.6401	12572.2471	12540.8601	12530.4851	12520.1041
10	4117.693	4102.626	4087.559	4064.895	4034.647	4004.399	3974.150	3943.902	3905.557	3867.218
15	1352.359	1341.800	1331.240	1323.113	1317.425	1311.736	1306.048	1300.360	1286.658	1272.950
20	831.207	829.364	827.516	825.286	822.680	820.074	817.463	814.857	812.174	809.485
25	722.837	721.382	719.927	718.913	718.347	717.781	717.214	716.648	716.528	716.409
30	564.745	563.559	562.372	561.525	561.019	560.506	559.999	559.486	561.317	563.147
35	241.311	241.150	240.989	239.988	238.133	236.279	234.430	232.576	232.654	232.731
40	50.592	50.640	50.694	50.270	49.370	48.470	47.569	46.669	46.007	45.345
45	24.053	24.023	23.999	23.993	23.999	24.011	24.017	24.029	24.017	24.011
50	21.561	21.579	21.596	21.614	21.644	21.674	21.704	21.734	21.793	21.853
55	20.207	20.219	20.237	20.273	20.338	20.398	20.464	20.523	20.642	20.756
60	16.689	16.636	16.582	16.570	16.600	16.630	16.659	16.689	16.797	16.904
65	11.961	11.943	11.925	11.919	11.931	11.943	11.955	11.967	11.973	11.979
70	8.324	8.318	8.312	8.312	8.318	8.324	8.330	8.336	8.336	8.330
75	5.641	5.635	5.629	5.635	5.641	5.653	5.658	5.670	5.670	5.670
80	3.136	3.130	3.124	3.124	3.118	3.124	3.118	3.118	3.118	3.118
85	0.632	0.632	0.632	0.632	0.632	0.638	0.638	0.638	0.638	0.638
90	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262
95	0.632	0.632	0.632	0.632	0.632	0.638	0.638	0.638	0.638	0.638
100	3.136	3.130	3.124	3.124	3.118	3.124	3.118	3.118	3.118	3.118
105	5.641	5.635	5.629	5.635	5.641	5.653	5.658	5.670	5.670	5.670
110	8.324	8.318	8.312	8.312	8.318	8.324	8.330	8.336	8.336	8.330
115	11.961	11.943	11.925	11.919	11.931	11.943	11.955	11.967	11.973	11.979
120	16.689	16.636	16.582	16.570	16.600	16.630	16.659	16.689	16.797	16.904
125	20.207	20.219	20.237	20.273	20.338	20.398	20.464	20.523	20.642	20.756
130	21.561	21.579	21.596	21.614	21.644	21.674	21.704	21.734	21.793	21.853

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CANDELA TABULATION - (Cont.)

135	24.053	24.023	23.999	23.993	23.999	24.011	24.017	24.029	24.017	24.011
140	50.592	50.640	50.694	50.270	49.370	48.470	47.569	46.669	46.007	45.345
145	241.311	241.150	240.989	239.988	238.133	236.279	234.430	232.576	232.654	232.731
150	564.745	563.559	562.372	561.525	561.019	560.506	559.999	559.486	561.317	563.147
155	722.837	721.382	719.927	718.913	718.347	717.781	717.214	716.648	716.528	716.409
160	831.207	829.364	827.516	825.286	822.680	820.074	817.463	814.857	812.174	809.485
165	1352.359	1341.800	1331.240	1323.113	1317.425	1311.736	1306.048	1300.360	1286.658	1272.950
170	4117.693	4102.626	4087.559	4064.895	4034.647	4004.399	3974.150	3943.902	3905.557	3867.218
175	12687.092	12685.100	12683.115	12666.432	12635.039	12603.652	12572.259	12540.872	12530.491	12520.116
180	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351

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	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799
5	12509.729	12499.348	12491.734	12486.881	12482.033	12477.180	12472.326	12477.180	12482.033	12486.881
10	3828.872	3790.527	3767.619	3760.142	3752.665	3745.188	3737.711	3745.188	3752.665	3760.142
15	1259.248	1245.540	1237.854	1236.191	1234.521	1232.857	1231.188	1232.857	1234.521	1236.191
20	806.802	804.113	802.968	803.355	803.743	804.131	804.518	804.131	803.743	803.355
25	716.284	716.165	716.367	716.898	717.423	717.953	718.478	717.953	717.423	716.898
30	564.978	566.808	568.120	568.907	569.700	570.487	571.274	570.487	569.700	568.907
35	232.809	232.886	232.660	232.135	231.616	231.091	230.567	231.091	231.616	232.135
40	44.684	44.022	43.473	43.026	42.579	42.132	41.684	42.132	42.579	43.026
45	23.999	23.993	23.981	23.970	23.952	23.940	23.928	23.940	23.952	23.970
50	21.912	21.972	22.020	22.056	22.085	22.121	22.157	22.121	22.085	22.056
55	20.875	20.988	21.090	21.167	21.245	21.322	21.400	21.322	21.245	21.167
60	17.017	17.125	17.196	17.232	17.274	17.309	17.345	17.309	17.274	17.232
65	11.985	11.991	12.009	12.038	12.068	12.098	12.128	12.098	12.068	12.038
70	8.330	8.324	8.324	8.330	8.330	8.336	8.336	8.336	8.330	8.330
75	5.676	5.676	5.682	5.688	5.694	5.706	5.712	5.706	5.694	5.688
80	3.112	3.112	3.112	3.112	3.118	3.118	3.118	3.118	3.118	3.112
85	0.644	0.644	0.644	0.644	0.656	0.656	0.656	0.656	0.656	0.644
90	0.250	0.250	0.250	0.250	0.239	0.239	0.239	0.239	0.239	0.250
95	0.644	0.644	0.644	0.644	0.656	0.656	0.656	0.656	0.656	0.644
100	3.112	3.112	3.112	3.112	3.118	3.118	3.118	3.118	3.118	3.112
105	5.676	5.676	5.682	5.688	5.694	5.706	5.712	5.706	5.694	5.688
110	8.330	8.324	8.324	8.330	8.330	8.336	8.336	8.336	8.330	8.330
115	11.985	11.991	12.009	12.038	12.068	12.098	12.128	12.098	12.068	12.038
120	17.017	17.125	17.196	17.232	17.274	17.309	17.345	17.309	17.274	17.232
125	20.875	20.988	21.090	21.167	21.245	21.322	21.400	21.322	21.245	21.167
130	21.912	21.972	22.020	22.056	22.085	22.121	22.157	22.121	22.085	22.056
135	23.999	23.993	23.981	23.970	23.952	23.940	23.928	23.940	23.952	23.970
140	44.684	44.022	43.473	43.026	42.579	42.132	41.684	42.132	42.579	43.026
145	232.809	232.886	232.660	232.135	231.616	231.091	230.567	231.091	231.616	232.135
150	564.978	566.808	568.120	568.907	569.700	570.487	571.274	570.487	569.700	568.907
155	716.284	716.165	716.367	716.898	717.423	717.953	718.478	717.953	717.423	716.898
160	806.802	804.113	802.968	803.355	803.743	804.131	804.518	804.131	803.743	803.355
165	1259.248	1245.540	1237.854	1236.191	1234.521	1232.857	1231.188	1232.857	1234.521	1236.191
170	3828.872	3790.527	3767.619	3760.142	3752.665	3745.188	3737.711	3745.188	3752.665	3760.142
175	12509.741	12499.360	12491.746	12486.893	12482.039	12477.191	12472.338	12477.191	12482.039	12486.893
180	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351

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	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	12491.7341	2499.3481	2509.7291	2520.1041	2530.4851	2540.8601	2572.2471	2603.6401	2635.0271	2666.420
10	3767.619	3790.527	3828.872	3867.218	3905.557	3943.902	3974.150	4004.399	4034.647	4064.895
15	1237.854	1245.540	1259.248	1272.950	1286.658	1300.360	1306.048	1311.736	1317.425	1323.113
20	802.968	804.113	806.802	809.485	812.174	814.857	817.463	820.074	822.680	825.286
25	716.367	716.165	716.284	716.409	716.528	716.648	717.214	717.781	718.347	718.913
30	568.120	566.808	564.978	563.147	561.317	559.486	559.999	560.506	561.019	561.525
35	232.660	232.886	232.809	232.731	232.654	232.576	234.430	236.279	238.133	239.988
40	43.473	44.022	44.684	45.345	46.007	46.669	47.569	48.470	49.370	50.270
45	23.981	23.993	23.999	24.011	24.017	24.029	24.017	24.011	23.999	23.993
50	22.020	21.972	21.912	21.853	21.793	21.734	21.704	21.674	21.644	21.614
55	21.090	20.988	20.875	20.756	20.642	20.523	20.464	20.398	20.338	20.273
60	17.196	17.125	17.017	16.904	16.797	16.689	16.659	16.630	16.600	16.570
65	12.009	11.991	11.985	11.979	11.973	11.967	11.955	11.943	11.931	11.919
70	8.324	8.324	8.330	8.330	8.336	8.336	8.330	8.324	8.318	8.312
75	5.682	5.676	5.676	5.670	5.670	5.670	5.658	5.653	5.641	5.635
80	3.112	3.112	3.112	3.118	3.118	3.118	3.118	3.124	3.118	3.124
85	0.644	0.644	0.644	0.638	0.638	0.638	0.638	0.638	0.632	0.632
90	0.250	0.250	0.250	0.262	0.262	0.262	0.262	0.262	0.262	0.262
95	0.644	0.644	0.644	0.638	0.638	0.638	0.638	0.638	0.632	0.632
100	3.112	3.112	3.112	3.118	3.118	3.118	3.118	3.124	3.118	3.124
105	5.682	5.676	5.676	5.670	5.670	5.670	5.658	5.653	5.641	5.635
110	8.324	8.324	8.330	8.330	8.336	8.336	8.330	8.324	8.318	8.312
115	12.009	11.991	11.985	11.979	11.973	11.967	11.955	11.943	11.931	11.919
120	17.196	17.125	17.017	16.904	16.797	16.689	16.659	16.630	16.600	16.570
125	21.090	20.988	20.875	20.756	20.642	20.523	20.464	20.398	20.338	20.273
130	22.020	21.972	21.912	21.853	21.793	21.734	21.704	21.674	21.644	21.614
135	23.981	23.993	23.999	24.011	24.017	24.029	24.017	24.011	23.999	23.993
140	43.473	44.022	44.684	45.345	46.007	46.669	47.569	48.470	49.370	50.270
145	232.660	232.886	232.809	232.731	232.654	232.576	234.430	236.279	238.133	239.988
150	568.120	566.808	564.978	563.147	561.317	559.486	559.999	560.506	561.019	561.525
155	716.367	716.165	716.284	716.409	716.528	716.648	717.214	717.781	718.347	718.913
160	802.968	804.113	806.802	809.485	812.174	814.857	817.463	820.074	822.680	825.286
165	1237.854	1245.540	1259.248	1272.950	1286.658	1300.360	1306.048	1311.736	1317.425	1323.113
170	3767.619	3790.527	3828.872	3867.218	3905.557	3943.902	3974.150	4004.399	4034.647	4064.895
175	12491.7461	2499.3601	2509.7411	2520.1161	2530.4911	2540.8721	2572.2591	2603.6521	2635.0391	2666.432
180	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.3511	18424.351

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	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.7991	18424.799
5	12683.1091	2685.0941	2687.0801	2689.0661	2691.0511	2689.0661	2687.0801	2685.0941	2683.1091	2666.420
10	4087.559	4102.626	4117.693	4132.761	4147.828	4132.761	4117.693	4102.626	4087.559	4064.895
15	1331.240	1341.800	1352.359	1362.925	1373.485	1362.925	1352.359	1341.800	1331.240	1323.113
20	827.516	829.364	831.207	833.055	834.903	833.055	831.207	829.364	827.516	825.286
25	719.927	721.382	722.837	724.292	725.747	724.292	722.837	721.382	719.927	718.913
30	562.372	563.559	564.745	565.932	567.118	565.932	564.745	563.559	562.372	561.525
35	240.989	241.150	241.311	241.466	241.627	241.466	241.311	241.150	240.989	239.988
40	50.694	50.640	50.592	50.539	50.491	50.539	50.592	50.640	50.694	50.270
45	23.999	24.023	24.053	24.077	24.101	24.077	24.053	24.023	23.999	23.993
50	21.596	21.579	21.561	21.549	21.531	21.549	21.561	21.579	21.596	21.614
55	20.237	20.219	20.207	20.189	20.177	20.189	20.207	20.219	20.237	20.273
60	16.582	16.636	16.689	16.743	16.797	16.743	16.689	16.636	16.582	16.570
65	11.925	11.943	11.961	11.985	12.003	11.985	11.961	11.943	11.925	11.919
70	8.312	8.318	8.324	8.330	8.336	8.330	8.324	8.318	8.312	8.312
75	5.629	5.635	5.641	5.641	5.647	5.641	5.641	5.635	5.629	5.635

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	3.124	3.130	3.136	3.136	3.142	3.136	3.136	3.130	3.124	3.124
85	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632
90	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262	0.262
95	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632	0.632
100	3.124	3.130	3.136	3.136	3.142	3.136	3.136	3.130	3.124	3.124
105	5.629	5.635	5.641	5.641	5.647	5.641	5.641	5.635	5.629	5.635
110	8.312	8.318	8.324	8.330	8.336	8.330	8.324	8.318	8.312	8.312
115	11.925	11.943	11.961	11.985	12.003	11.985	11.961	11.943	11.925	11.919
120	16.582	16.636	16.689	16.743	16.797	16.743	16.689	16.636	16.582	16.570
125	20.237	20.219	20.207	20.189	20.177	20.189	20.207	20.219	20.237	20.273
130	21.596	21.579	21.561	21.549	21.531	21.549	21.561	21.579	21.596	21.614
135	23.999	24.023	24.053	24.077	24.101	24.077	24.053	24.023	23.999	23.993
140	50.694	50.640	50.592	50.539	50.491	50.539	50.592	50.640	50.694	50.270
145	240.989	241.150	241.311	241.466	241.627	241.466	241.311	241.150	240.989	239.988
150	562.372	563.559	564.745	565.932	567.118	565.932	564.745	563.559	562.372	561.525
155	719.927	721.382	722.837	724.292	725.747	724.292	722.837	721.382	719.927	718.913
160	827.516	829.364	831.207	833.055	834.903	833.055	831.207	829.364	827.516	825.286
165	1331.240	1341.800	1352.359	1362.925	1373.485	1362.925	1352.359	1341.800	1331.240	1323.113
170	4087.559	4102.626	4117.693	4132.761	4147.828	4132.761	4117.693	4102.626	4087.559	4064.895
175	12683.115	12685.100	12687.092	12689.077	12691.063	12689.077	12687.092	12685.106	12683.115	12666.432
180	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351

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	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799	18424.799
5	12635.027	12603.640	12572.247	12540.860	12530.485	12520.104	12509.729	12499.348	12491.734	12486.881
10	4034.647	4004.399	3974.150	3943.902	3905.557	3867.218	3828.872	3790.527	3767.619	3760.142
15	1317.425	1311.736	1306.048	1300.360	1286.658	1272.950	1259.248	1245.540	1237.854	1236.191
20	822.680	820.074	817.463	814.857	812.174	809.485	806.802	804.113	802.968	803.355
25	718.347	717.781	717.214	716.648	716.528	716.409	716.284	716.165	716.367	716.898
30	561.019	560.506	559.999	559.486	561.317	563.147	564.978	566.808	568.120	568.907
35	238.133	236.279	234.430	232.576	232.654	232.731	232.809	232.886	232.660	232.135
40	49.370	48.470	47.569	46.669	46.007	45.345	44.684	44.022	43.473	43.026
45	23.999	24.011	24.017	24.029	24.017	24.011	23.999	23.993	23.981	23.970
50	21.644	21.674	21.704	21.734	21.793	21.853	21.912	21.972	22.020	22.056
55	20.338	20.398	20.464	20.523	20.642	20.756	20.875	20.988	21.090	21.167
60	16.600	16.630	16.659	16.689	16.797	16.904	17.017	17.125	17.196	17.232
65	11.931	11.943	11.955	11.967	11.973	11.979	11.985	11.991	12.009	12.038
70	8.318	8.324	8.330	8.336	8.336	8.330	8.330	8.324	8.324	8.330
75	5.641	5.653	5.658	5.670	5.670	5.670	5.676	5.676	5.682	5.688
80	3.118	3.124	3.118	3.118	3.118	3.118	3.112	3.112	3.112	3.112
85	0.632	0.638	0.638	0.638	0.638	0.638	0.644	0.644	0.644	0.644
90	0.262	0.262	0.262	0.262	0.262	0.262	0.250	0.250	0.250	0.250
95	0.632	0.638	0.638	0.638	0.638	0.638	0.644	0.644	0.644	0.644
100	3.118	3.124	3.118	3.118	3.118	3.118	3.112	3.112	3.112	3.112
105	5.641	5.653	5.658	5.670	5.670	5.670	5.676	5.676	5.682	5.688
110	8.318	8.324	8.330	8.336	8.336	8.330	8.330	8.324	8.324	8.330
115	11.931	11.943	11.955	11.967	11.973	11.979	11.985	11.991	12.009	12.038
120	16.600	16.630	16.659	16.689	16.797	16.904	17.017	17.125	17.196	17.232
125	20.338	20.398	20.464	20.523	20.642	20.756	20.875	20.988	21.090	21.167
130	21.644	21.674	21.704	21.734	21.793	21.853	21.912	21.972	22.020	22.056
135	23.999	24.011	24.017	24.029	24.017	24.011	23.999	23.993	23.981	23.970
140	49.370	48.470	47.569	46.669	46.007	45.345	44.684	44.022	43.473	43.026
145	238.133	236.279	234.430	232.576	232.654	232.731	232.809	232.886	232.660	232.135
150	561.019	560.506	559.999	559.486	561.317	563.147	564.978	566.808	568.120	568.907

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	718.347	717.781	717.214	716.648	716.528	716.409	716.284	716.165	716.367	716.898
160	822.680	820.074	817.463	814.857	812.174	809.485	806.802	804.113	802.968	803.355
165	1317.425	1311.736	1306.048	1300.360	1286.658	1272.950	1259.248	1245.540	1237.854	1236.191
170	4034.647	4004.399	3974.150	3943.902	3905.557	3867.218	3828.872	3790.527	3767.619	3760.142
175	12635.039	12603.652	12572.259	12540.872	12530.497	12520.116	12509.741	12499.360	12491.746	12486.893
180	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351	18424.351

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	18424.799	18424.799	18424.799
5	12482.033	12477.180	12472.326
10	3752.665	3745.188	3737.711
15	1234.521	1232.857	1231.188
20	803.743	804.131	804.518
25	717.423	717.953	718.478
30	569.700	570.487	571.274
35	231.616	231.091	230.567
40	42.579	42.132	41.684
45	23.952	23.940	23.928
50	22.085	22.121	22.157
55	21.245	21.322	21.400
60	17.274	17.309	17.345
65	12.068	12.098	12.128
70	8.330	8.336	8.336
75	5.694	5.706	5.712
80	3.118	3.118	3.118
85	0.656	0.656	0.656
90	0.239	0.239	0.239
95	0.656	0.656	0.656
100	3.118	3.118	3.118
105	5.694	5.706	5.712
110	8.330	8.336	8.336
115	12.068	12.098	12.128
120	17.274	17.309	17.345
125	21.245	21.322	21.400
130	22.085	22.121	22.157
135	23.952	23.940	23.928
140	42.579	42.132	41.684
145	231.616	231.091	230.567
150	569.700	570.487	571.274
155	717.423	717.953	718.478
160	803.743	804.131	804.518
165	1234.521	1232.857	1231.188
170	3752.665	3745.188	3737.711
175	12482.045	12477.191	12472.338
180	18424.351	18424.351	18424.351

COEFFICIENTS OF UTILIZATION



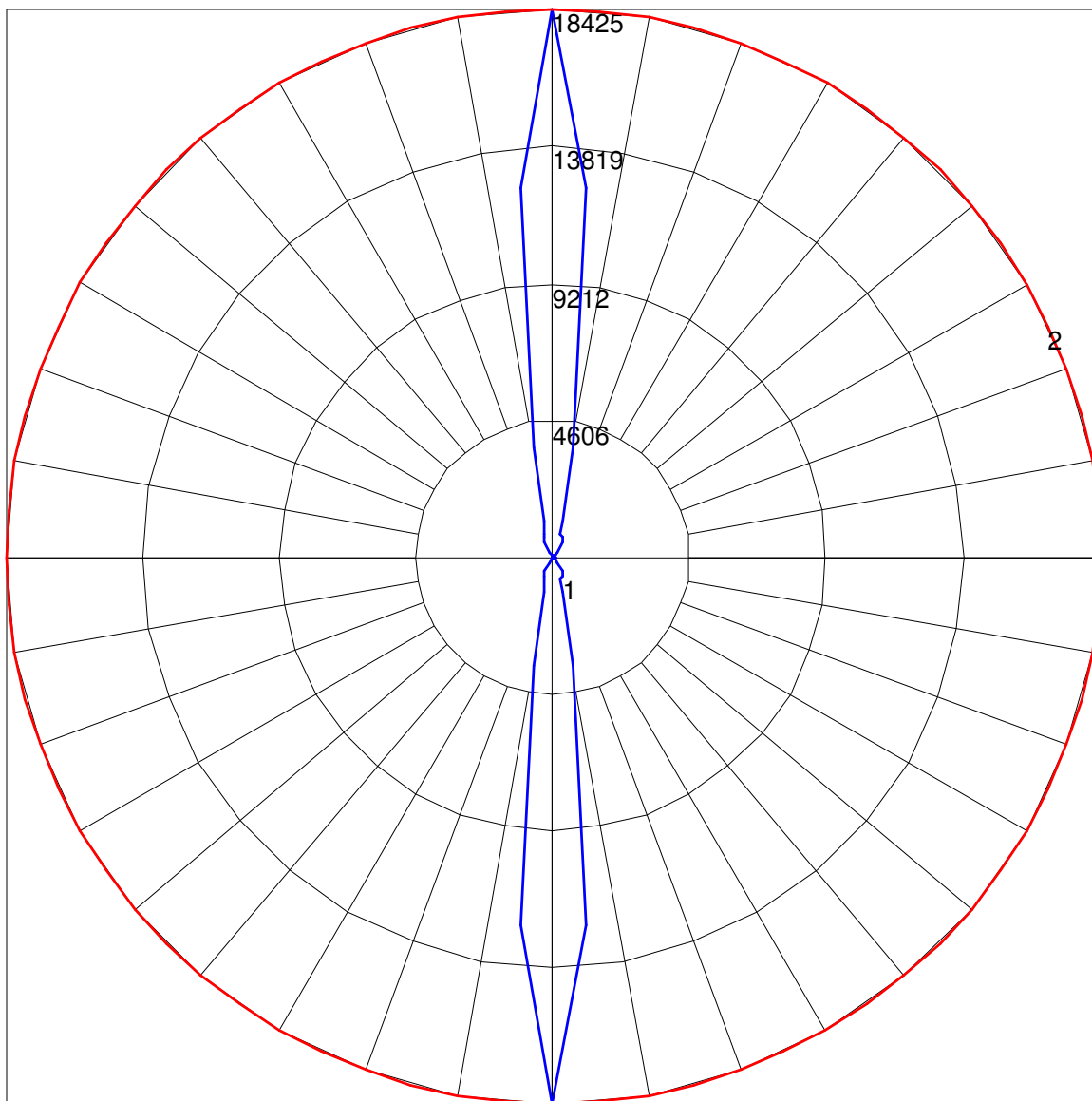
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	996.4	25.0
Downward House Side	996.4	25.0
Downward Total	1992.8	50.0
Upward Street Side	996.4	25.0
Upward House Side	996.4	25.0
Upward Total	1992.8	50.0
Total Flux	3985.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 18424.799 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

