

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-930U-L40-930D-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	6878
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9920.992
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9920.992
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.607 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.993 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1344.1	N.A.	19.5
FM - Front-Medium (30-60)	348.7	N.A.	5.1
FH - Front-High (60-80)	25.3	N.A.	0.4
FVH - Front-Very High (80-90)	1.4	N.A.	0.0
BL - Back-Low (0-30)	1344.1	N.A.	19.5
BM - Back-Medium (30-60)	348.7	N.A.	5.1
BH - Back-High (60-80)	25.3	N.A.	0.4
BVH - Back-Very High (80-90)	1.4	N.A.	0.0
UL - Uplight-Low (90-100)	2.9	N.A.	0.0
UH - Uplight-High (100-180)	3435.9	N.A.	50.0
Total	6877.8	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8542.708	8542.296	8541.883	8541.458	8541.045	8541.543	8542.951	8544.348	8545.756	8547.164
10	5659.472	5661.135	5662.811	5664.474	5666.138	5670.569	5677.757	5684.944	5692.132	5699.320
15	3539.797	3540.137	3540.465	3540.805	3541.133	3543.682	3548.442	3553.201	3557.960	3562.720
20	2482.212	2482.576	2482.940	2483.292	2483.657	2484.968	2487.214	2489.472	2491.718	2493.977
25	1983.608	1982.127	1980.634	1979.153	1977.659	1976.724	1976.348	1975.959	1975.583	1975.194
30	1506.349	1504.649	1502.962	1501.262	1499.574	1496.308	1491.464	1486.620	1481.787	1476.943
35	709.897	710.249	710.613	710.966	711.318	711.840	712.520	713.200	713.879	714.559
40	255.099	256.022	256.945	257.880	258.802	260.429	262.760	265.079	267.410	269.741
45	161.648	161.855	162.061	162.267	162.474	162.814	163.287	163.761	164.234	164.708
50	111.966	112.112	112.258	112.416	112.561	112.804	113.144	113.496	113.836	114.176
55	76.405	76.490	76.575	76.660	76.745	76.915	77.145	77.388	77.619	77.862
60	50.435	50.495	50.556	50.617	50.677	50.775	50.932	51.090	51.248	51.406
65	33.801	33.813	33.838	33.850	33.862	33.923	34.020	34.117	34.214	34.311
70	22.607	22.607	22.619	22.619	22.631	22.656	22.692	22.741	22.777	22.825
75	14.157	14.145	14.145	14.132	14.120	14.120	14.132	14.145	14.157	14.169
80	6.872	6.872	6.872	6.884	6.884	6.896	6.908	6.920	6.945	6.957
85	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
90	0.534	0.534	0.534	0.558	0.558	0.558	0.558	0.583	0.583	0.583
95	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
100	6.872	6.872	6.872	6.884	6.884	6.896	6.908	6.920	6.945	6.957
105	14.157	14.145	14.145	14.132	14.120	14.120	14.132	14.145	14.157	14.169
110	22.607	22.607	22.619	22.619	22.631	22.656	22.692	22.741	22.777	22.825
115	33.801	33.813	33.838	33.850	33.862	33.923	34.020	34.117	34.214	34.311
120	50.435	50.495	50.556	50.617	50.677	50.775	50.932	51.090	51.248	51.406
125	76.405	76.490	76.575	76.660	76.745	76.915	77.145	77.388	77.619	77.862
130	111.966	112.112	112.258	112.416	112.561	112.804	113.144	113.496	113.836	114.176
135	161.648	161.855	162.061	162.267	162.474	162.814	163.287	163.761	164.234	164.708
140	255.099	256.022	256.945	257.880	258.802	260.429	262.760	265.079	267.410	269.741
145	709.897	710.249	710.613	710.966	711.318	711.840	712.520	713.200	713.879	714.559
150	1506.349	1504.649	1502.962	1501.262	1499.574	1496.308	1491.464	1486.620	1481.787	1476.943
155	1983.608	1982.127	1980.634	1979.153	1977.659	1976.724	1976.348	1975.959	1975.583	1975.194
160	2482.212	2482.576	2482.940	2483.292	2483.657	2484.968	2487.214	2489.472	2491.718	2493.977
165	3539.797	3540.137	3540.465	3540.805	3541.133	3543.682	3548.442	3553.201	3557.960	3562.720
170	5659.472	5661.135	5662.811	5664.474	5666.138	5670.569	5677.757	5684.944	5692.132	5699.320
175	8542.708	8542.296	8541.883	8541.470	8541.045	8541.543	8542.951	8544.360	8545.756	8547.164
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8547.298	8547.431	8547.565	8547.699	8548.063	8548.646	8549.240	8549.823	8550.406	8549.823
10	5707.673	5716.038	5724.391	5732.757	5739.289	5743.987	5748.698	5753.397	5758.107	5753.397
15	3568.985	3575.250	3581.502	3587.767	3592.624	3596.060	3599.496	3602.944	3606.380	3602.944
20	2496.842	2499.695	2502.561	2505.414	2507.830	2509.797	2511.751	2513.718	2515.685	2513.718
25	1975.802	1976.396	1977.004	1977.598	1978.679	1980.233	1981.787	1983.341	1984.895	1983.341
30	1477.878	1478.801	1479.736	1480.670	1482.042	1483.851	1485.660	1487.469	1489.279	1487.469
35	717.510	720.448	723.398	726.349	728.158	728.850	729.542	730.234	730.926	730.234
40	270.956	272.182	273.396	274.622	275.788	276.905	278.022	279.139	280.256	279.139
45	164.829	164.963	165.084	165.218	165.339	165.461	165.570	165.691	165.813	165.691
50	114.382	114.589	114.795	115.002	115.147	115.232	115.329	115.414	115.512	115.414
55	78.032	78.214	78.384	78.566	78.687	78.772	78.857	78.930	79.015	78.930

IES ROAD REPORT

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CANDELA TABULATION - (Cont.)

60	51.515	51.612	51.722	51.831	51.916	51.977	52.049	52.110	52.183	52.110
65	34.360	34.408	34.445	34.493	34.530	34.542	34.566	34.578	34.602	34.578
70	22.838	22.862	22.874	22.886	22.898	22.886	22.886	22.874	22.874	22.874
75	14.181	14.181	14.193	14.205	14.205	14.193	14.181	14.169	14.157	14.169
80	6.969	6.981	6.981	6.993	6.993	6.993	6.981	6.981	6.981	6.981
85	1.481	1.481	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
90	0.583	0.583	0.607	0.607	0.607	0.607	0.607	0.607	0.607	0.607
95	1.481	1.481	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
100	6.969	6.981	6.981	6.993	6.993	6.993	6.981	6.981	6.981	6.981
105	14.181	14.181	14.193	14.205	14.205	14.193	14.181	14.169	14.157	14.169
110	22.838	22.862	22.874	22.886	22.898	22.886	22.886	22.874	22.874	22.874
115	34.360	34.408	34.445	34.493	34.530	34.542	34.566	34.578	34.602	34.578
120	51.515	51.612	51.722	51.831	51.916	51.977	52.049	52.110	52.183	52.110
125	78.032	78.214	78.384	78.566	78.687	78.772	78.857	78.930	79.015	78.930
130	114.382	114.589	114.795	115.002	115.147	115.232	115.329	115.414	115.512	115.414
135	164.829	164.963	165.084	165.218	165.339	165.461	165.570	165.691	165.813	165.691
140	270.956	272.182	273.396	274.622	275.788	276.905	278.022	279.139	280.256	279.139
145	717.510	720.448	723.398	726.349	728.158	728.850	729.542	730.234	730.926	730.234
150	1477.878	1478.801	1479.736	1480.670	1482.042	1483.851	1485.660	1487.469	1489.279	1487.469
155	1975.802	1976.396	1977.004	1977.598	1978.679	1980.233	1981.787	1983.341	1984.895	1983.341
160	2496.842	2499.695	2502.561	2505.414	2507.830	2509.797	2511.751	2513.718	2515.685	2513.718
165	3568.985	3575.250	3581.502	3587.767	3592.624	3596.060	3599.496	3602.944	3606.380	3602.944
170	5707.673	5716.038	5724.391	5732.757	5739.289	5743.987	5748.698	5753.397	5758.107	5753.397
175	8547.298	8547.431	8547.577	8547.711	8548.063	8548.658	8549.240	8549.823	8550.406	8549.823
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

Vert. Angles

Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8549.240	8548.646	8548.063	8547.699	8547.565	8547.431	8547.298	8547.164	8545.756	8544.348
10	5748.698	5743.987	5739.289	5732.757	5724.391	5716.038	5707.673	5699.320	5692.132	5684.944
15	3599.496	3596.060	3592.624	3587.767	3581.502	3575.250	3568.985	3562.720	3557.960	3553.201
20	2511.751	2509.797	2507.830	2505.414	2502.561	2499.695	2496.842	2493.977	2491.718	2489.472
25	1981.787	1980.233	1978.679	1977.598	1977.004	1976.396	1975.802	1975.194	1975.583	1975.959
30	1485.660	1483.851	1482.042	1480.670	1479.736	1478.801	1477.878	1476.943	1481.787	1486.620
35	729.542	728.850	728.158	726.349	723.398	720.448	717.510	714.559	713.879	713.200
40	278.022	276.905	275.788	274.622	273.396	272.182	270.956	269.741	267.410	265.079
45	165.570	165.461	165.339	165.218	165.084	164.963	164.829	164.708	164.234	163.761
50	115.329	115.232	115.147	115.002	114.795	114.589	114.382	114.176	113.836	113.496
55	78.857	78.772	78.687	78.566	78.384	78.214	78.032	77.862	77.619	77.388
60	52.049	51.977	51.916	51.831	51.722	51.612	51.515	51.406	51.248	51.090
65	34.566	34.542	34.530	34.493	34.445	34.408	34.360	34.311	34.214	34.117
70	22.886	22.886	22.898	22.886	22.874	22.862	22.838	22.825	22.777	22.741
75	14.181	14.193	14.205	14.205	14.193	14.181	14.181	14.169	14.157	14.145
80	6.981	6.993	6.993	6.993	6.981	6.981	6.969	6.957	6.945	6.920
85	1.469	1.469	1.469	1.469	1.469	1.481	1.481	1.481	1.481	1.481
90	0.607	0.607	0.607	0.607	0.607	0.583	0.583	0.583	0.583	0.583
95	1.469	1.469	1.469	1.469	1.469	1.481	1.481	1.481	1.481	1.481
100	6.981	6.993	6.993	6.993	6.981	6.981	6.969	6.957	6.945	6.920
105	14.181	14.193	14.205	14.205	14.193	14.181	14.181	14.169	14.157	14.145
110	22.886	22.886	22.898	22.886	22.874	22.862	22.838	22.825	22.777	22.741
115	34.566	34.542	34.530	34.493	34.445	34.408	34.360	34.311	34.214	34.117
120	52.049	51.977	51.916	51.831	51.722	51.612	51.515	51.406	51.248	51.090
125	78.857	78.772	78.687	78.566	78.384	78.214	78.032	77.862	77.619	77.388
130	115.329	115.232	115.147	115.002	114.795	114.589	114.382	114.176	113.836	113.496

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CANDELA TABULATION - (Cont.)

135	165.570	165.461	165.339	165.218	165.084	164.963	164.829	164.708	164.234	163.761
140	278.022	276.905	275.788	274.622	273.396	272.182	270.956	269.741	267.410	265.079
145	729.542	728.850	728.158	726.349	723.398	720.448	717.510	714.559	713.879	713.200
150	1485.660	1483.851	1482.042	1480.670	1479.736	1478.801	1477.878	1476.943	1481.787	1486.620
155	1981.787	1980.233	1978.679	1977.598	1977.004	1976.396	1975.802	1975.194	1975.583	1975.959
160	2511.751	2509.797	2507.830	2505.414	2502.561	2499.695	2496.842	2493.977	2491.718	2489.472
165	3599.496	3596.060	3592.624	3587.767	3581.502	3575.250	3568.985	3562.720	3557.960	3553.201
170	5748.698	5743.987	5739.289	5732.757	5724.391	5716.038	5707.673	5699.320	5692.132	5684.944
175	8549.240	8548.658	8548.063	8547.711	8547.577	8547.431	8547.298	8547.164	8545.756	8544.360
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

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	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8542.951	8541.543	8541.045	8541.458	8541.883	8542.296	8542.708	8542.296	8541.883	8541.458
10	5677.757	5670.569	5666.138	5664.474	5662.811	5661.135	5659.472	5661.135	5662.811	5664.474
15	3548.442	3543.682	3541.133	3540.805	3540.465	3540.137	3539.797	3540.137	3540.465	3540.805
20	2487.214	2484.968	2483.657	2483.292	2482.940	2482.576	2482.212	2482.576	2482.940	2483.292
25	1976.348	1976.724	1977.659	1979.153	1980.634	1982.127	1983.608	1982.127	1980.634	1979.153
30	1491.464	1496.308	1499.574	1501.262	1502.962	1504.649	1506.349	1504.649	1502.962	1501.262
35	712.520	711.840	711.318	710.966	710.613	710.249	709.897	710.249	710.613	710.966
40	262.760	260.429	258.802	257.880	256.945	256.022	255.099	256.022	256.945	257.880
45	163.287	162.814	162.474	162.267	162.061	161.855	161.648	161.855	162.061	162.267
50	113.144	112.804	112.561	112.416	112.258	112.112	111.966	112.112	112.258	112.416
55	77.145	76.915	76.745	76.660	76.575	76.490	76.405	76.490	76.575	76.660
60	50.932	50.775	50.677	50.617	50.556	50.495	50.435	50.495	50.556	50.617
65	34.020	33.923	33.862	33.850	33.838	33.813	33.801	33.813	33.838	33.850
70	22.692	22.656	22.631	22.619	22.619	22.607	22.607	22.607	22.619	22.619
75	14.132	14.120	14.120	14.132	14.145	14.145	14.157	14.145	14.145	14.132
80	6.908	6.896	6.884	6.884	6.872	6.872	6.872	6.872	6.872	6.884
85	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
90	0.558	0.558	0.558	0.558	0.534	0.534	0.534	0.534	0.534	0.558
95	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
100	6.908	6.896	6.884	6.884	6.872	6.872	6.872	6.872	6.872	6.884
105	14.132	14.120	14.120	14.132	14.145	14.145	14.157	14.145	14.145	14.132
110	22.692	22.656	22.631	22.619	22.619	22.607	22.607	22.607	22.619	22.619
115	34.020	33.923	33.862	33.850	33.838	33.813	33.801	33.813	33.838	33.850
120	50.932	50.775	50.677	50.617	50.556	50.495	50.435	50.495	50.556	50.617
125	77.145	76.915	76.745	76.660	76.575	76.490	76.405	76.490	76.575	76.660
130	113.144	112.804	112.561	112.416	112.258	112.112	111.966	112.112	112.258	112.416
135	163.287	162.814	162.474	162.267	162.061	161.855	161.648	161.855	162.061	162.267
140	262.760	260.429	258.802	257.880	256.945	256.022	255.099	256.022	256.945	257.880
145	712.520	711.840	711.318	710.966	710.613	710.249	709.897	710.249	710.613	710.966
150	1491.464	1496.308	1499.574	1501.262	1502.962	1504.649	1506.349	1504.649	1502.962	1501.262
155	1976.348	1976.724	1977.659	1979.153	1980.634	1982.127	1983.608	1982.127	1980.634	1979.153
160	2487.214	2484.968	2483.657	2483.292	2482.940	2482.576	2482.212	2482.576	2482.940	2483.292
165	3548.442	3543.682	3541.133	3540.805	3540.465	3540.137	3539.797	3540.137	3540.465	3540.805
170	5677.757	5670.569	5666.138	5664.474	5662.811	5661.135	5659.472	5661.135	5662.811	5664.474
175	8542.951	8541.543	8541.045	8541.470	8541.883	8542.296	8542.708	8542.296	8541.883	8541.470
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

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	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	8541.045	8541.543	8542.951	8544.348	8545.756	8547.164	8547.298	8547.431	8547.565	8547.699
10	5666.138	5670.569	5677.757	5684.944	5692.132	5699.320	5707.673	5716.038	5724.391	5732.757
15	3541.133	3543.682	3548.442	3553.201	3557.960	3562.720	3568.985	3575.250	3581.502	3587.767
20	2483.657	2484.968	2487.214	2489.472	2491.718	2493.977	2496.842	2499.695	2502.561	2505.414
25	1977.659	1976.724	1976.348	1975.959	1975.583	1975.194	1975.802	1976.396	1977.004	1977.598
30	1499.574	1496.308	1491.464	1486.620	1481.787	1476.943	1477.878	1478.801	1479.736	1480.670
35	711.318	711.840	712.520	713.200	713.879	714.559	717.510	720.448	723.398	726.349
40	258.802	260.429	262.760	265.079	267.410	269.741	270.956	272.182	273.396	274.622
45	162.474	162.814	163.287	163.761	164.234	164.708	164.829	164.963	165.084	165.218
50	112.561	112.804	113.144	113.496	113.836	114.176	114.382	114.589	114.795	115.002
55	76.745	76.915	77.145	77.388	77.619	77.862	78.032	78.214	78.384	78.566
60	50.677	50.775	50.932	51.090	51.248	51.406	51.515	51.612	51.722	51.831
65	33.862	33.923	34.020	34.117	34.214	34.311	34.360	34.408	34.445	34.493
70	22.631	22.656	22.692	22.741	22.777	22.825	22.838	22.862	22.874	22.886
75	14.120	14.120	14.132	14.145	14.157	14.169	14.181	14.181	14.193	14.205
80	6.884	6.896	6.908	6.920	6.945	6.957	6.969	6.981	6.981	6.993
85	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.469	1.469
90	0.558	0.558	0.558	0.583	0.583	0.583	0.583	0.583	0.607	0.607
95	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.469	1.469
100	6.884	6.896	6.908	6.920	6.945	6.957	6.969	6.981	6.981	6.993
105	14.120	14.120	14.132	14.145	14.157	14.169	14.181	14.181	14.193	14.205
110	22.631	22.656	22.692	22.741	22.777	22.825	22.838	22.862	22.874	22.886
115	33.862	33.923	34.020	34.117	34.214	34.311	34.360	34.408	34.445	34.493
120	50.677	50.775	50.932	51.090	51.248	51.406	51.515	51.612	51.722	51.831
125	76.745	76.915	77.145	77.388	77.619	77.862	78.032	78.214	78.384	78.566
130	112.561	112.804	113.144	113.496	113.836	114.176	114.382	114.589	114.795	115.002
135	162.474	162.814	163.287	163.761	164.234	164.708	164.829	164.963	165.084	165.218
140	258.802	260.429	262.760	265.079	267.410	269.741	270.956	272.182	273.396	274.622
145	711.318	711.840	712.520	713.200	713.879	714.559	717.510	720.448	723.398	726.349
150	1499.574	1496.308	1491.464	1486.620	1481.787	1476.943	1477.878	1478.801	1479.736	1480.670
155	1977.659	1976.724	1976.348	1975.959	1975.583	1975.194	1975.802	1976.396	1977.004	1977.598
160	2483.657	2484.968	2487.214	2489.472	2491.718	2493.977	2496.842	2499.695	2502.561	2505.414
165	3541.133	3543.682	3548.442	3553.201	3557.960	3562.720	3568.985	3575.250	3581.502	3587.767
170	5666.138	5670.569	5677.757	5684.944	5692.132	5699.320	5707.673	5716.038	5724.391	5732.757
175	8541.045	8541.543	8542.951	8544.360	8545.756	8547.164	8547.298	8547.431	8547.577	8547.711
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

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	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8548.063	8548.646	8549.240	8549.823	8550.406	8549.823	8549.240	8548.646	8548.063	8547.699
10	5739.289	5743.987	5748.698	5753.397	5758.107	5753.397	5748.698	5743.987	5739.289	5732.757
15	3592.624	3596.060	3599.496	3602.944	3606.380	3602.944	3599.496	3596.060	3592.624	3587.767
20	2507.830	2509.797	2511.751	2513.718	2515.685	2513.718	2511.751	2509.797	2507.830	2505.414
25	1978.679	1980.233	1981.787	1983.341	1984.895	1983.341	1981.787	1980.233	1978.679	1977.598
30	1482.042	1483.851	1485.660	1487.469	1489.279	1487.469	1485.660	1483.851	1482.042	1480.670
35	728.158	728.850	729.542	730.234	730.926	730.234	729.542	728.850	728.158	726.349
40	275.788	276.905	278.022	279.139	280.256	279.139	278.022	276.905	275.788	274.622
45	165.339	165.461	165.570	165.691	165.813	165.691	165.570	165.461	165.339	165.218
50	115.147	115.232	115.329	115.414	115.512	115.414	115.329	115.232	115.147	115.002
55	78.687	78.772	78.857	78.930	79.015	78.930	78.857	78.772	78.687	78.566
60	51.916	51.977	52.049	52.110	52.183	52.110	52.049	51.977	51.916	51.831
65	34.530	34.542	34.566	34.578	34.602	34.578	34.566	34.542	34.530	34.493
70	22.898	22.886	22.886	22.874	22.874	22.874	22.886	22.886	22.898	22.886
75	14.205	14.193	14.181	14.169	14.157	14.169	14.181	14.193	14.205	14.205

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	6.993	6.993	6.981	6.981	6.981	6.981	6.981	6.993	6.993	6.993
85	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
90	0.607	0.607	0.607	0.607	0.607	0.607	0.607	0.607	0.607	0.607
95	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
100	6.993	6.993	6.981	6.981	6.981	6.981	6.981	6.993	6.993	6.993
105	14.205	14.193	14.181	14.169	14.157	14.169	14.181	14.193	14.205	14.205
110	22.898	22.886	22.886	22.874	22.874	22.874	22.886	22.886	22.898	22.886
115	34.530	34.542	34.566	34.578	34.602	34.578	34.566	34.542	34.530	34.493
120	51.916	51.977	52.049	52.110	52.183	52.110	52.049	51.977	51.916	51.831
125	78.687	78.772	78.857	78.930	79.015	78.930	78.857	78.772	78.687	78.566
130	115.147	115.232	115.329	115.414	115.512	115.414	115.329	115.232	115.147	115.002
135	165.339	165.461	165.570	165.691	165.813	165.691	165.570	165.461	165.339	165.218
140	275.788	276.905	278.022	279.139	280.256	279.139	278.022	276.905	275.788	274.622
145	728.158	728.850	729.542	730.234	730.926	730.234	729.542	728.850	728.158	726.349
150	1482.042	1483.851	1485.660	1487.469	1489.279	1487.469	1485.660	1483.851	1482.042	1480.670
155	1978.679	1980.233	1981.787	1983.341	1984.895	1983.341	1981.787	1980.233	1978.679	1977.598
160	2507.830	2509.797	2511.751	2513.718	2515.685	2513.718	2511.751	2509.797	2507.830	2505.414
165	3592.624	3596.060	3599.496	3602.944	3606.380	3602.944	3599.496	3596.060	3592.624	3587.767
170	5739.289	5743.987	5748.698	5753.397	5758.107	5753.397	5748.698	5743.987	5739.289	5732.757
175	8548.063	8548.658	8549.240	8549.823	8550.406	8549.823	8549.240	8548.658	8548.063	8547.711
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

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	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992	9920.992
5	8547.565	8547.431	8547.298	8547.164	8545.756	8544.348	8542.951	8541.543	8541.045	8541.458
10	5724.391	5716.038	5707.673	5699.320	5692.132	5684.944	5677.757	5670.569	5666.138	5664.474
15	3581.502	3575.250	3568.985	3562.720	3557.960	3553.201	3548.442	3543.682	3541.133	3540.805
20	2502.561	2499.695	2496.842	2493.977	2491.718	2489.472	2487.214	2484.968	2483.657	2483.292
25	1977.004	1976.396	1975.802	1975.194	1975.583	1975.959	1976.348	1976.724	1977.659	1979.153
30	1479.736	1478.801	1477.878	1476.943	1481.787	1486.620	1491.464	1496.308	1499.574	1501.262
35	723.398	720.448	717.510	714.559	713.879	713.200	712.520	711.840	711.318	710.966
40	273.396	272.182	270.956	269.741	267.410	265.079	262.760	260.429	258.802	257.880
45	165.084	164.963	164.829	164.708	164.234	163.761	163.287	162.814	162.474	162.267
50	114.795	114.589	114.382	114.176	113.836	113.496	113.144	112.804	112.561	112.416
55	78.384	78.214	78.032	77.862	77.619	77.388	77.145	76.915	76.745	76.660
60	51.722	51.612	51.515	51.406	51.248	51.090	50.932	50.775	50.677	50.617
65	34.445	34.408	34.360	34.311	34.214	34.117	34.020	33.923	33.862	33.850
70	22.874	22.862	22.838	22.825	22.777	22.741	22.692	22.656	22.631	22.619
75	14.193	14.181	14.181	14.169	14.157	14.145	14.132	14.120	14.120	14.132
80	6.981	6.981	6.969	6.957	6.945	6.920	6.908	6.896	6.884	6.884
85	1.469	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
90	0.607	0.583	0.583	0.583	0.583	0.583	0.558	0.558	0.558	0.558
95	1.469	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.481
100	6.981	6.981	6.969	6.957	6.945	6.920	6.908	6.896	6.884	6.884
105	14.193	14.181	14.181	14.169	14.157	14.145	14.132	14.120	14.120	14.132
110	22.874	22.862	22.838	22.825	22.777	22.741	22.692	22.656	22.631	22.619
115	34.445	34.408	34.360	34.311	34.214	34.117	34.020	33.923	33.862	33.850
120	51.722	51.612	51.515	51.406	51.248	51.090	50.932	50.775	50.677	50.617
125	78.384	78.214	78.032	77.862	77.619	77.388	77.145	76.915	76.745	76.660
130	114.795	114.589	114.382	114.176	113.836	113.496	113.144	112.804	112.561	112.416
135	165.084	164.963	164.829	164.708	164.234	163.761	163.287	162.814	162.474	162.267
140	273.396	272.182	270.956	269.741	267.410	265.079	262.760	260.429	258.802	257.880
145	723.398	720.448	717.510	714.559	713.879	713.200	712.520	711.840	711.318	710.966
150	1479.736	1478.801	1477.878	1476.943	1481.787	1486.620	1491.464	1496.308	1499.574	1501.262

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1977.004	1976.396	1975.802	1975.194	1975.583	1975.959	1976.348	1976.724	1977.659	1979.153
160	2502.561	2499.695	2496.842	2493.977	2491.718	2489.472	2487.214	2484.968	2483.657	2483.292
165	3581.502	3575.250	3568.985	3562.720	3557.960	3553.201	3548.442	3543.682	3541.133	3540.805
170	5724.391	5716.038	5707.673	5699.320	5692.132	5684.944	5677.757	5670.569	5666.138	5664.474
175	8547.577	8547.431	8547.298	8547.164	8545.756	8544.360	8542.951	8541.543	8541.045	8541.470
180	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591	9920.591

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9920.992	9920.992	9920.992
5	8541.883	8542.296	8542.708
10	5662.811	5661.135	5659.472
15	3540.465	3540.137	3539.797
20	2482.940	2482.576	2482.212
25	1980.634	1982.127	1983.608
30	1502.962	1504.649	1506.349
35	710.613	710.249	709.897
40	256.945	256.022	255.099
45	162.061	161.855	161.648
50	112.258	112.112	111.966
55	76.575	76.490	76.405
60	50.556	50.495	50.435
65	33.838	33.813	33.801
70	22.619	22.607	22.607
75	14.145	14.145	14.157
80	6.872	6.872	6.872
85	1.481	1.481	1.481
90	0.534	0.534	0.534
95	1.481	1.481	1.481
100	6.872	6.872	6.872
105	14.145	14.145	14.157
110	22.619	22.607	22.607
115	33.838	33.813	33.801
120	50.556	50.495	50.435
125	76.575	76.490	76.405
130	112.258	112.112	111.966
135	162.061	161.855	161.648
140	256.945	256.022	255.099
145	710.613	710.249	709.897
150	1502.962	1504.649	1506.349
155	1980.634	1982.127	1983.608
160	2482.940	2482.576	2482.212
165	3540.465	3540.137	3539.797
170	5662.811	5661.135	5659.472
175	8541.883	8542.296	8542.708
180	9920.591	9920.591	9920.591

COEFFICIENTS OF UTILIZATION



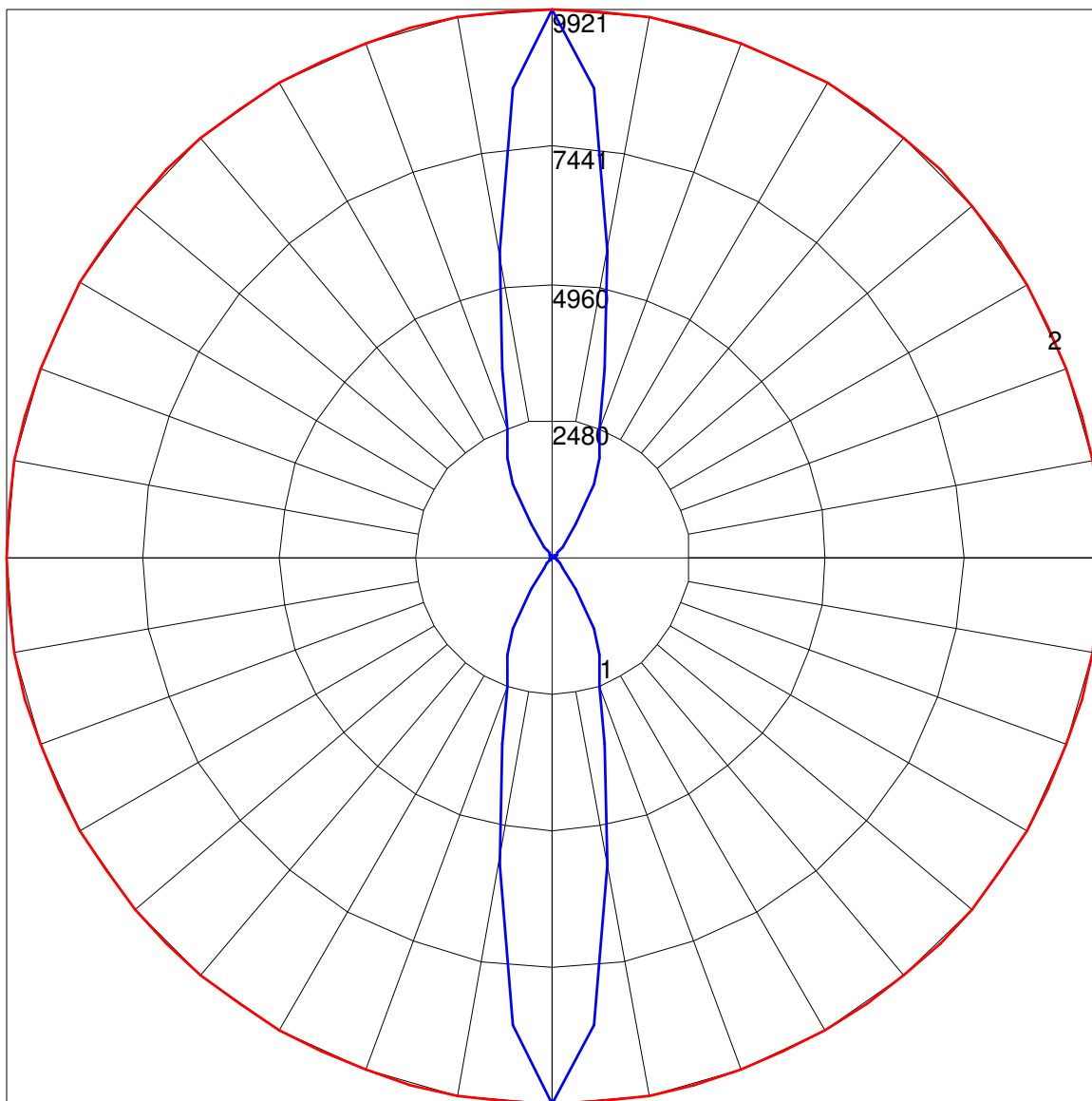
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1719.4	25.0
Downward House Side	1719.4	25.0
Downward Total	3438.8	50.0
Upward Street Side	1719.4	25.0
Upward House Side	1719.4	25.0
Upward Total	3438.8	50.0
Total Flux	6877.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-930U-L40-930D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 9920.992 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

