

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-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-L40-927U-L40-927D-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	7455
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	34459.435
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	34459.435
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.491 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.877 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1653.6	N.A.	22.2
FM - Front-Medium (30-60)	191.9	N.A.	2.6
FH - Front-High (60-80)	17.0	N.A.	0.2
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1653.6	N.A.	22.2
BM - Back-Medium (30-60)	191.9	N.A.	2.6
BH - Back-High (60-80)	17.0	N.A.	0.2
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.4	N.A.	0.0
UH - Uplight-High (100-180)	3724.9	N.A.	50.0
Total	7454.7	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	34459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353
5	23326.6762	3335.7532	3344.8312	3353.8972	3362.9742	3377.2152	3396.6302	3416.0342	3435.4492	3454.853
10	6990.546	7004.530	7018.514	7032.498	7046.482	7089.327	7161.043	7232.759	7304.465	7376.181
15	2302.660	2305.782	2308.893	2312.016	2315.127	2329.502	2355.139	2380.766	2406.403	2432.030
20	1504.670	1503.945	1503.220	1502.495	1501.770	1503.912	1508.941	1513.959	1518.989	1524.007
25	1343.752	1342.770	1341.778	1340.796	1339.804	1339.425	1339.648	1339.882	1340.105	1340.328
30	1068.440	1066.968	1065.496	1064.012	1062.540	1060.087	1056.663	1053.240	1049.816	1046.393
35	431.223	432.204	433.186	434.156	435.137	435.561	435.416	435.271	435.126	434.981
40	77.961	78.798	79.634	80.470	81.307	82.333	83.570	84.808	86.046	87.284
45	44.752	44.774	44.796	44.830	44.852	44.874	44.885	44.908	44.919	44.941
50	41.440	41.373	41.306	41.250	41.183	41.094	40.982	40.871	40.759	40.648
55	40.023	39.878	39.733	39.588	39.443	39.254	39.042	38.819	38.607	38.384
60	32.440	32.373	32.306	32.228	32.161	32.028	31.827	31.615	31.414	31.213
65	22.682	22.627	22.571	22.515	22.459	22.426	22.415	22.404	22.393	22.381
70	15.590	15.590	15.579	15.579	15.568	15.568	15.579	15.579	15.590	15.590
75	10.683	10.672	10.650	10.639	10.628	10.616	10.616	10.605	10.605	10.605
80	5.832	5.832	5.832	5.821	5.821	5.821	5.821	5.832	5.832	5.832
85	1.227	1.227	1.227	1.204	1.204	1.204	1.204	1.193	1.193	1.193
90	0.446	0.446	0.446	0.468	0.468	0.468	0.468	0.491	0.491	0.491
95	1.227	1.227	1.227	1.204	1.204	1.204	1.204	1.193	1.193	1.193
100	5.832	5.832	5.832	5.821	5.821	5.821	5.821	5.832	5.832	5.832
105	10.683	10.672	10.650	10.639	10.628	10.616	10.616	10.605	10.605	10.605
110	15.590	15.590	15.579	15.579	15.568	15.568	15.579	15.579	15.590	15.590
115	22.682	22.627	22.571	22.515	22.459	22.426	22.415	22.404	22.393	22.381
120	32.440	32.373	32.306	32.228	32.161	32.028	31.827	31.615	31.414	31.213
125	40.023	39.878	39.733	39.588	39.443	39.254	39.042	38.819	38.607	38.384
130	41.440	41.373	41.306	41.250	41.183	41.094	40.982	40.871	40.759	40.648
135	44.752	44.774	44.796	44.830	44.852	44.874	44.885	44.908	44.919	44.941
140	77.961	78.798	79.634	80.470	81.307	82.333	83.570	84.808	86.046	87.284
145	431.223	432.204	433.186	434.156	435.137	435.561	435.416	435.271	435.126	434.981
150	1068.440	1066.968	1065.496	1064.012	1062.540	1060.087	1056.663	1053.240	1049.816	1046.393
155	1343.752	1342.770	1341.778	1340.796	1339.804	1339.425	1339.648	1339.882	1340.105	1340.328
160	1504.670	1503.945	1503.220	1502.495	1501.770	1503.912	1508.941	1513.959	1518.989	1524.007
165	2302.660	2305.782	2308.893	2312.016	2315.127	2329.502	2355.139	2380.766	2406.403	2432.030
170	6990.546	7004.530	7018.514	7032.498	7046.482	7089.327	7161.043	7232.759	7304.465	7376.181
175	23326.6982	3335.7752	3344.8532	3353.9192	3362.9972	3377.2372	3396.6522	3416.0562	3435.4712	3454.875
180	34458.5983	4458.5983	4458.5983	4458.5983	4458.5983	4458.5983	4458.5983	4458.5983	4458.5983	4458.598

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	34459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.4353	4459.435
5	23513.5552	3572.2682	3630.9712	3689.6842	3720.8982	3724.6112	3728.3252	3732.0382	3735.7522	3732.038
10	7432.753	7489.325	7545.898	7602.470	7644.858	7673.038	7701.218	7729.398	7757.578	7729.398
15	2442.669	2453.307	2463.946	2474.585	2489.784	2509.534	2529.283	2549.044	2568.794	2549.044
20	1528.880	1533.764	1538.638	1543.511	1547.682	1551.139	1554.585	1558.042	1561.499	1558.042
25	1341.387	1342.447	1343.506	1344.566	1346.461	1349.182	1351.903	1354.624	1357.345	1354.624
30	1047.352	1048.300	1049.259	1050.207	1051.790	1054.009	1056.229	1058.448	1060.667	1058.448
35	438.449	441.906	445.375	448.843	450.716	451.017	451.318	451.608	451.909	451.608
40	88.968	90.652	92.336	94.020	94.811	94.711	94.622	94.521	94.432	94.521
45	44.919	44.908	44.885	44.874	44.885	44.930	44.986	45.030	45.075	45.030
50	40.592	40.536	40.480	40.425	40.391	40.358	40.324	40.302	40.269	40.302
55	38.272	38.150	38.038	37.916	37.849	37.815	37.793	37.759	37.737	37.759

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CANDELA TABULATION - (Cont.)

60	31.158	31.102	31.046	30.990	31.013	31.113	31.213	31.314	31.414	31.314
65	22.359	22.337	22.314	22.292	22.303	22.337	22.370	22.415	22.448	22.415
70	15.579	15.568	15.557	15.545	15.545	15.557	15.568	15.579	15.590	15.579
75	10.583	10.572	10.549	10.538	10.527	10.538	10.549	10.549	10.561	10.549
80	5.832	5.843	5.832	5.843	5.843	5.855	5.866	5.866	5.877	5.866
85	1.193	1.193	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182
90	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491
95	1.193	1.193	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182
100	5.832	5.843	5.832	5.843	5.843	5.855	5.866	5.866	5.877	5.866
105	10.583	10.572	10.549	10.538	10.527	10.538	10.549	10.549	10.561	10.549
110	15.579	15.568	15.557	15.545	15.545	15.557	15.568	15.579	15.590	15.579
115	22.359	22.337	22.314	22.292	22.303	22.337	22.370	22.415	22.448	22.415
120	31.158	31.102	31.046	30.990	31.013	31.113	31.213	31.314	31.414	31.314
125	38.272	38.150	38.038	37.916	37.849	37.815	37.793	37.759	37.737	37.759
130	40.592	40.536	40.480	40.425	40.391	40.358	40.324	40.302	40.269	40.302
135	44.919	44.908	44.885	44.874	44.885	44.930	44.986	45.030	45.075	45.030
140	88.968	90.652	92.336	94.020	94.811	94.711	94.622	94.521	94.432	94.521
145	438.449	441.906	445.375	448.843	450.716	451.017	451.318	451.608	451.909	451.608
150	1047.352	1048.300	1049.259	1050.207	1051.790	1054.009	1056.229	1058.448	1060.667	1058.448
155	1341.387	1342.447	1343.506	1344.566	1346.461	1349.182	1351.903	1354.624	1357.345	1354.624
160	1528.880	1533.764	1538.638	1543.511	1547.682	1551.139	1554.585	1558.042	1561.499	1558.042
165	2442.669	2453.307	2463.946	2474.585	2489.784	2509.534	2529.283	2549.044	2568.794	2549.044
170	7432.753	7489.325	7545.898	7602.470	7644.858	7673.038	7701.218	7729.398	7757.578	7729.398
175	23513.577	23572.291	23630.993	23689.706	23720.909	23724.633	23728.347	23732.060	23735.774	23732.060
180	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435
5	23728.325	23724.611	23720.898	23689.684	23630.971	23572.268	23513.555	23454.853	23435.449	23416.034
10	7701.218	7673.038	7644.858	7602.470	7545.898	7489.325	7432.753	7376.181	7304.465	7232.759
15	2529.283	2509.534	2489.784	2474.585	2463.946	2453.307	2442.669	2432.030	2406.403	2380.766
20	1554.585	1551.139	1547.682	1543.511	1538.638	1533.764	1528.880	1524.007	1518.989	1513.959
25	1351.903	1349.182	1346.461	1344.566	1343.506	1342.447	1341.387	1340.328	1340.105	1339.882
30	1056.229	1054.009	1051.790	1050.207	1049.259	1048.300	1047.352	1046.393	1049.816	1053.240
35	451.318	451.017	450.716	448.843	445.375	441.906	438.449	434.981	435.126	435.271
40	94.622	94.711	94.811	94.020	92.336	90.652	88.968	87.284	86.046	84.808
45	44.986	44.930	44.885	44.874	44.885	44.908	44.919	44.941	44.919	44.908
50	40.324	40.358	40.391	40.425	40.480	40.536	40.592	40.648	40.759	40.871
55	37.793	37.815	37.849	37.916	38.038	38.150	38.272	38.384	38.607	38.819
60	31.213	31.113	31.013	30.990	31.046	31.102	31.158	31.213	31.414	31.615
65	22.370	22.337	22.303	22.292	22.314	22.337	22.359	22.381	22.393	22.404
70	15.568	15.557	15.545	15.545	15.557	15.568	15.579	15.590	15.590	15.579
75	10.549	10.538	10.527	10.538	10.549	10.572	10.583	10.605	10.605	10.605
80	5.866	5.855	5.843	5.843	5.832	5.843	5.832	5.832	5.832	5.832
85	1.182	1.182	1.182	1.182	1.182	1.193	1.193	1.193	1.193	1.193
90	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491
95	1.182	1.182	1.182	1.182	1.182	1.193	1.193	1.193	1.193	1.193
100	5.866	5.855	5.843	5.843	5.832	5.843	5.832	5.832	5.832	5.832
105	10.549	10.538	10.527	10.538	10.549	10.572	10.583	10.605	10.605	10.605
110	15.568	15.557	15.545	15.545	15.557	15.568	15.579	15.590	15.590	15.579
115	22.370	22.337	22.303	22.292	22.314	22.337	22.359	22.381	22.393	22.404
120	31.213	31.113	31.013	30.990	31.046	31.102	31.158	31.213	31.414	31.615
125	37.793	37.815	37.849	37.916	38.038	38.150	38.272	38.384	38.607	38.819
130	40.324	40.358	40.391	40.425	40.480	40.536	40.592	40.648	40.759	40.871

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CANDELA TABULATION - (Cont.)

135	44.986	44.930	44.885	44.874	44.885	44.908	44.919	44.941	44.919	44.908
140	94.622	94.711	94.811	94.020	92.336	90.652	88.968	87.284	86.046	84.808
145	451.318	451.017	450.716	448.843	445.375	441.906	438.449	434.981	435.126	435.271
150	1056.229	1054.009	1051.790	1050.207	1049.259	1048.300	1047.352	1046.393	1049.816	1053.240
155	1351.903	1349.182	1346.461	1344.566	1343.506	1342.447	1341.387	1340.328	1340.105	1339.882
160	1554.585	1551.139	1547.682	1543.511	1538.638	1533.764	1528.880	1524.007	1518.989	1513.959
165	2529.283	2509.534	2489.784	2474.585	2463.946	2453.307	2442.669	2432.030	2406.403	2380.766
170	7701.218	7673.038	7644.858	7602.470	7545.898	7489.325	7432.753	7376.181	7304.465	7232.759
175	23728.347	23724.622	23720.909	23689.706	23630.993	23572.291	23513.577	23454.875	23435.460	23416.056
180	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598

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	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435
5	23396.630	23377.215	23362.974	23353.897	23344.831	23335.753	23326.676	23335.753	23344.831	23353.897
10	7161.043	7089.327	7046.482	7032.498	7018.514	7004.530	6990.546	7004.530	7018.514	7032.498
15	2355.139	2329.502	2315.127	2312.016	2308.893	2305.782	2302.660	2305.782	2308.893	2312.016
20	1508.941	1503.912	1501.770	1502.495	1503.220	1503.945	1504.670	1503.945	1503.220	1502.495
25	1339.648	1339.425	1339.804	1340.796	1341.778	1342.770	1343.752	1342.770	1341.778	1340.796
30	1056.663	1060.087	1062.540	1064.012	1065.496	1066.968	1068.440	1066.968	1065.496	1064.012
35	435.416	435.561	435.137	434.156	433.186	432.204	431.223	432.204	433.186	434.156
40	83.570	82.333	81.307	80.470	79.634	78.798	77.961	78.798	79.634	80.470
45	44.885	44.874	44.852	44.830	44.796	44.774	44.752	44.774	44.796	44.830
50	40.982	41.094	41.183	41.250	41.306	41.373	41.440	41.373	41.306	41.250
55	39.042	39.254	39.443	39.588	39.733	39.878	40.023	39.878	39.733	39.588
60	31.827	32.028	32.161	32.228	32.306	32.373	32.440	32.373	32.306	32.228
65	22.415	22.426	22.459	22.515	22.571	22.627	22.682	22.627	22.571	22.515
70	15.579	15.568	15.568	15.579	15.579	15.590	15.590	15.590	15.579	15.579
75	10.616	10.616	10.628	10.639	10.650	10.672	10.683	10.672	10.650	10.639
80	5.821	5.821	5.821	5.821	5.832	5.832	5.832	5.832	5.832	5.821
85	1.204	1.204	1.204	1.204	1.227	1.227	1.227	1.227	1.227	1.204
90	0.468	0.468	0.468	0.468	0.446	0.446	0.446	0.446	0.446	0.468
95	1.204	1.204	1.204	1.204	1.227	1.227	1.227	1.227	1.227	1.204
100	5.821	5.821	5.821	5.821	5.832	5.832	5.832	5.832	5.832	5.821
105	10.616	10.616	10.628	10.639	10.650	10.672	10.683	10.672	10.650	10.639
110	15.579	15.568	15.568	15.579	15.579	15.590	15.590	15.590	15.579	15.579
115	22.415	22.426	22.459	22.515	22.571	22.627	22.682	22.627	22.571	22.515
120	31.827	32.028	32.161	32.228	32.306	32.373	32.440	32.373	32.306	32.228
125	39.042	39.254	39.443	39.588	39.733	39.878	40.023	39.878	39.733	39.588
130	40.982	41.094	41.183	41.250	41.306	41.373	41.440	41.373	41.306	41.250
135	44.885	44.874	44.852	44.830	44.796	44.774	44.752	44.774	44.796	44.830
140	83.570	82.333	81.307	80.470	79.634	78.798	77.961	78.798	79.634	80.470
145	435.416	435.561	435.137	434.156	433.186	432.204	431.223	432.204	433.186	434.156
150	1056.663	1060.087	1062.540	1064.012	1065.496	1066.968	1068.440	1066.968	1065.496	1064.012
155	1339.648	1339.425	1339.804	1340.796	1341.778	1342.770	1343.752	1342.770	1341.778	1340.796
160	1508.941	1503.912	1501.770	1502.495	1503.220	1503.945	1504.670	1503.945	1503.220	1502.495
165	2355.139	2329.502	2315.127	2312.016	2308.893	2305.782	2302.660	2305.782	2308.893	2312.016
170	7161.043	7089.327	7046.482	7032.498	7018.514	7004.530	6990.546	7004.530	7018.514	7032.498
175	23396.652	23377.237	23362.997	23353.919	23344.842	23335.775	23326.698	23335.775	23344.842	23353.919
180	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598

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	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	23362.97423377.21523396.63023416.03423435.44923454.85323513.55523572.26823630.97123689.684
10	7046.482 7089.327 7161.043 7232.759 7304.465 7376.181 7432.753 7489.325 7545.898 7602.470
15	2315.127 2329.502 2355.139 2380.766 2406.403 2432.030 2442.669 2453.307 2463.946 2474.585
20	1501.770 1503.912 1508.941 1513.959 1518.989 1524.007 1528.880 1533.764 1538.638 1543.511
25	1339.804 1339.425 1339.648 1339.882 1340.105 1340.328 1341.387 1342.447 1343.506 1344.566
30	1062.540 1060.087 1056.663 1053.240 1049.816 1046.393 1047.352 1048.300 1049.259 1050.207
35	435.137 435.561 435.416 435.271 435.126 434.981 438.449 441.906 445.375 448.843
40	81.307 82.333 83.570 84.808 86.046 87.284 88.968 90.652 92.336 94.020
45	44.852 44.874 44.885 44.908 44.919 44.941 44.919 44.908 44.885 44.874
50	41.183 41.094 40.982 40.871 40.759 40.648 40.592 40.536 40.480 40.425
55	39.443 39.254 39.042 38.819 38.607 38.384 38.272 38.150 38.038 37.916
60	32.161 32.028 31.827 31.615 31.414 31.213 31.158 31.102 31.046 30.990
65	22.459 22.426 22.415 22.404 22.393 22.381 22.359 22.337 22.314 22.292
70	15.568 15.568 15.579 15.579 15.590 15.590 15.579 15.568 15.557 15.545
75	10.628 10.616 10.616 10.605 10.605 10.605 10.583 10.572 10.549 10.538
80	5.821 5.821 5.821 5.832 5.832 5.832 5.832 5.843 5.832 5.843
85	1.204 1.204 1.204 1.193 1.193 1.193 1.193 1.193 1.182 1.182
90	0.468 0.468 0.468 0.491 0.491 0.491 0.491 0.491 0.491 0.491
95	1.204 1.204 1.204 1.193 1.193 1.193 1.193 1.193 1.182 1.182
100	5.821 5.821 5.821 5.832 5.832 5.832 5.832 5.843 5.832 5.843
105	10.628 10.616 10.616 10.605 10.605 10.605 10.583 10.572 10.549 10.538
110	15.568 15.568 15.579 15.579 15.590 15.590 15.579 15.568 15.557 15.545
115	22.459 22.426 22.415 22.404 22.393 22.381 22.359 22.337 22.314 22.292
120	32.161 32.028 31.827 31.615 31.414 31.213 31.158 31.102 31.046 30.990
125	39.443 39.254 39.042 38.819 38.607 38.384 38.272 38.150 38.038 37.916
130	41.183 41.094 40.982 40.871 40.759 40.648 40.592 40.536 40.480 40.425
135	44.852 44.874 44.885 44.908 44.919 44.941 44.919 44.908 44.885 44.874
140	81.307 82.333 83.570 84.808 86.046 87.284 88.968 90.652 92.336 94.020
145	435.137 435.561 435.416 435.271 435.126 434.981 438.449 441.906 445.375 448.843
150	1062.540 1060.087 1056.663 1053.240 1049.816 1046.393 1047.352 1048.300 1049.259 1050.207
155	1339.804 1339.425 1339.648 1339.882 1340.105 1340.328 1341.387 1342.447 1343.506 1344.566
160	1501.770 1503.912 1508.941 1513.959 1518.989 1524.007 1528.880 1533.764 1538.638 1543.511
165	2315.127 2329.502 2355.139 2380.766 2406.403 2432.030 2442.669 2453.307 2463.946 2474.585
170	7046.482 7089.327 7161.043 7232.759 7304.465 7376.181 7432.753 7489.325 7545.898 7602.470
175	23362.99723377.23723396.65223416.05623435.46023454.87523513.57723572.29123630.99323689.706
180	34458.59834458.59834458.59834458.59834458.59834458.59834458.59834458.59834458.59834458.598

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	34459.435									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	5.843	5.855	5.866	5.866	5.877	5.866	5.866	5.855	5.843	5.843
85	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182
90	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491
95	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182	1.182
100	5.843	5.855	5.866	5.866	5.877	5.866	5.866	5.855	5.843	5.843
105	10.527	10.538	10.549	10.549	10.561	10.549	10.549	10.538	10.527	10.538
110	15.545	15.557	15.568	15.579	15.590	15.579	15.568	15.557	15.545	15.545
115	22.303	22.337	22.370	22.415	22.448	22.415	22.370	22.337	22.303	22.292
120	31.013	31.113	31.213	31.314	31.414	31.314	31.213	31.113	31.013	30.990
125	37.849	37.815	37.793	37.759	37.737	37.759	37.793	37.815	37.849	37.916
130	40.391	40.358	40.324	40.302	40.269	40.302	40.324	40.358	40.391	40.425
135	44.885	44.930	44.986	45.030	45.075	45.030	44.986	44.930	44.885	44.874
140	94.811	94.711	94.622	94.521	94.432	94.521	94.622	94.711	94.811	94.020
145	450.716	451.017	451.318	451.608	451.909	451.608	451.318	451.017	450.716	448.843
150	1051.790	1054.009	1056.229	1058.448	1060.667	1058.448	1056.229	1054.009	1051.790	1050.207
155	1346.461	1349.182	1351.903	1354.624	1357.345	1354.624	1351.903	1349.182	1346.461	1344.566
160	1547.682	1551.139	1554.585	1558.042	1561.499	1558.042	1554.585	1551.139	1547.682	1543.511
165	2489.784	2509.534	2529.283	2549.044	2568.794	2549.044	2529.283	2509.534	2489.784	2474.585
170	7644.858	7673.038	7701.218	7729.398	7757.578	7729.398	7701.218	7673.038	7644.858	7602.470
175	23720.909	23724.622	23728.347	23732.060	23735.774	23732.060	23728.347	23724.633	23720.909	23689.706
180	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598

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	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435	34459.435
5	23630.971	23572.268	23513.555	23454.853	23395.449	23336.034	23277.630	23218.215	23158.797	23099.383
10	7545.898	7489.325	7432.753	7376.181	7319.609	7263.037	7206.465	7149.893	7093.321	7036.749
15	2463.946	2453.307	2442.669	2432.030	2421.391	2410.752	2400.113	2389.474	2378.835	2368.196
20	1538.638	1533.764	1528.880	1524.007	1519.134	1514.261	1509.388	1504.515	1500.000	1495.485
25	1343.506	1342.447	1341.387	1340.328	1340.105	1339.882	1339.648	1339.425	1339.804	1340.796
30	1049.259	1048.300	1047.352	1046.393	1049.816	1053.240	1056.663	1060.087	1062.540	1064.012
35	445.375	441.906	438.449	434.981	435.126	435.271	435.416	435.561	435.137	434.156
40	92.336	90.652	88.968	87.284	86.046	84.808	83.570	82.333	81.307	80.470
45	44.885	44.908	44.919	44.941	44.919	44.908	44.885	44.874	44.852	44.830
50	40.480	40.536	40.592	40.648	40.759	40.871	40.982	41.094	41.183	41.250
55	38.038	38.150	38.272	38.384	38.607	38.819	39.042	39.254	39.443	39.588
60	31.046	31.102	31.158	31.213	31.414	31.615	31.827	32.028	32.161	32.228
65	22.314	22.337	22.359	22.381	22.393	22.404	22.415	22.426	22.459	22.515
70	15.557	15.568	15.579	15.590	15.590	15.579	15.579	15.568	15.568	15.579
75	10.549	10.572	10.583	10.605	10.605	10.605	10.616	10.616	10.628	10.639
80	5.832	5.843	5.832	5.832	5.832	5.832	5.821	5.821	5.821	5.821
85	1.182	1.193	1.193	1.193	1.193	1.193	1.204	1.204	1.204	1.204
90	0.491	0.491	0.491	0.491	0.491	0.491	0.468	0.468	0.468	0.468
95	1.182	1.193	1.193	1.193	1.193	1.193	1.204	1.204	1.204	1.204
100	5.832	5.843	5.832	5.832	5.832	5.832	5.821	5.821	5.821	5.821
105	10.549	10.572	10.583	10.605	10.605	10.605	10.616	10.616	10.628	10.639
110	15.557	15.568	15.579	15.590	15.590	15.579	15.579	15.568	15.568	15.579
115	22.314	22.337	22.359	22.381	22.393	22.404	22.415	22.426	22.459	22.515
120	31.046	31.102	31.158	31.213	31.414	31.615	31.827	32.028	32.161	32.228
125	38.038	38.150	38.272	38.384	38.607	38.819	39.042	39.254	39.443	39.588
130	40.480	40.536	40.592	40.648	40.759	40.871	40.982	41.094	41.183	41.250
135	44.885	44.908	44.919	44.941	44.919	44.908	44.885	44.874	44.852	44.830
140	92.336	90.652	88.968	87.284	86.046	84.808	83.570	82.333	81.307	80.470
145	445.375	441.906	438.449	434.981	435.126	435.271	435.416	435.561	435.137	434.156
150	1049.259	1048.300	1047.352	1046.393	1049.816	1053.240	1056.663	1060.087	1062.540	1064.012

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1343.506	1342.447	1341.387	1340.328	1340.105	1339.882	1339.648	1339.425	1339.804	1340.796
160	1538.638	1533.764	1528.880	1524.007	1518.989	1513.959	1508.941	1503.912	1501.770	1502.495
165	2463.946	2453.307	2442.669	2432.030	2406.403	2380.766	2355.139	2329.502	2315.127	2312.016
170	7545.898	7489.325	7432.753	7376.181	7304.465	7232.759	7161.043	7089.327	7046.482	7032.498
175	23630.993	23572.291	23513.577	23454.875	23435.471	23416.056	23396.652	23377.237	23362.997	23353.919
180	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598	34458.598

Vert. Horizontal Angles

	350	355	360
0	34459.435	34459.435	34459.435
5	23344.831	23335.753	23326.676
10	7018.514	7004.530	6990.546
15	2308.893	2305.782	2302.660
20	1503.220	1503.945	1504.670
25	1341.778	1342.770	1343.752
30	1065.496	1066.968	1068.440
35	433.186	432.204	431.223
40	79.634	78.798	77.961
45	44.796	44.774	44.752
50	41.306	41.373	41.440
55	39.733	39.878	40.023
60	32.306	32.373	32.440
65	22.571	22.627	22.682
70	15.579	15.590	15.590
75	10.650	10.672	10.683
80	5.832	5.832	5.832
85	1.227	1.227	1.227
90	0.446	0.446	0.446
95	1.227	1.227	1.227
100	5.832	5.832	5.832
105	10.650	10.672	10.683
110	15.579	15.590	15.590
115	22.571	22.627	22.682
120	32.306	32.373	32.440
125	39.733	39.878	40.023
130	41.306	41.373	41.440
135	44.796	44.774	44.752
140	79.634	78.798	77.961
145	433.186	432.204	431.223
150	1065.496	1066.968	1068.440
155	1341.778	1342.770	1343.752
160	1503.220	1503.945	1504.670
165	2308.893	2305.782	2302.660
170	7018.514	7004.530	6990.546
175	23344.853	23335.775	23326.698
180	34458.598	34458.598	34458.598

COEFFICIENTS OF UTILIZATION



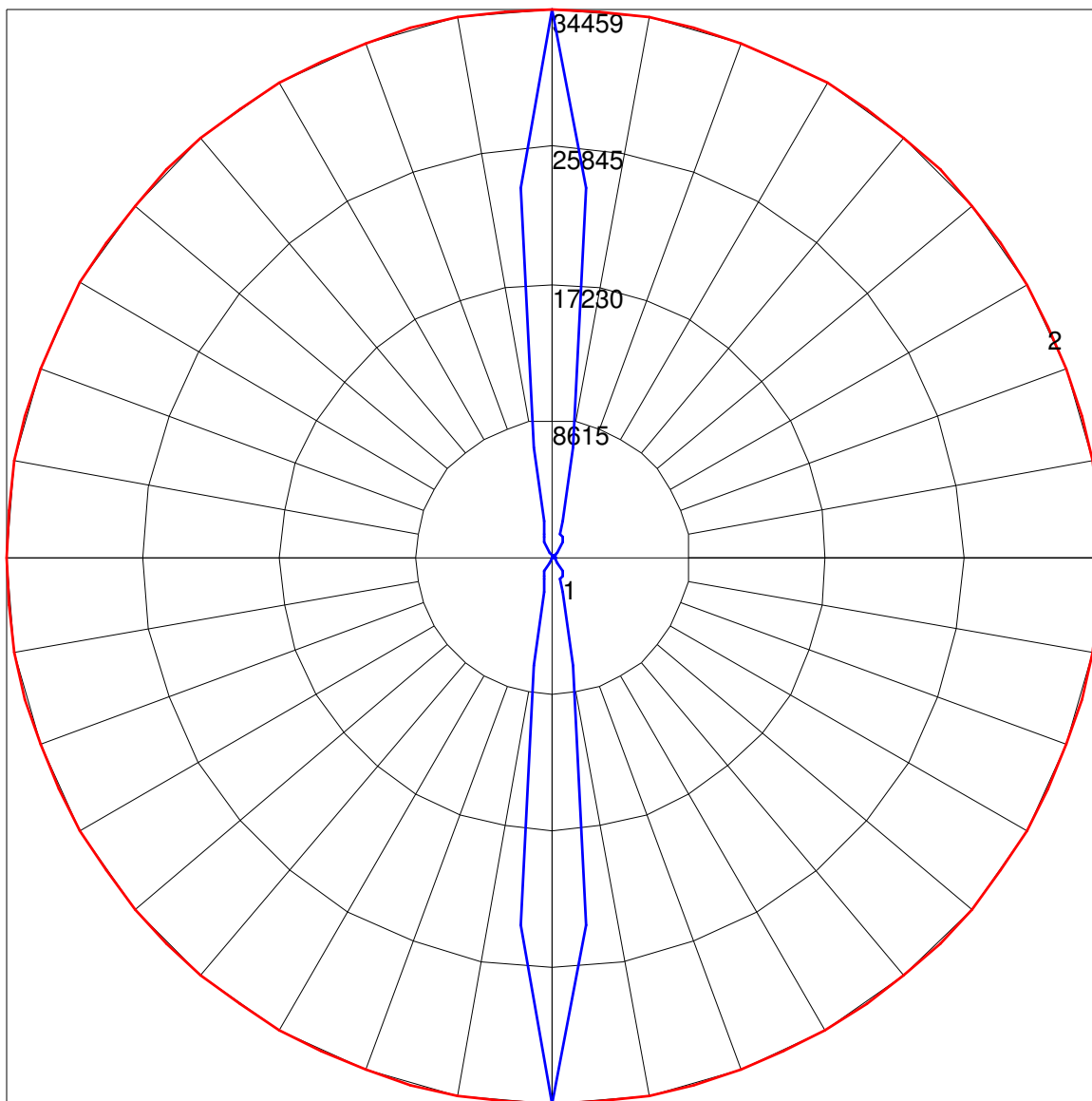
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1863.6	25.0
Downward House Side	1863.6	25.0
Downward Total	3727.2	50.0
Upward Street Side	1863.6	25.0
Upward House Side	1863.6	25.0
Upward Total	3727.2	50.0
Total Flux	7454.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 34459.435 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

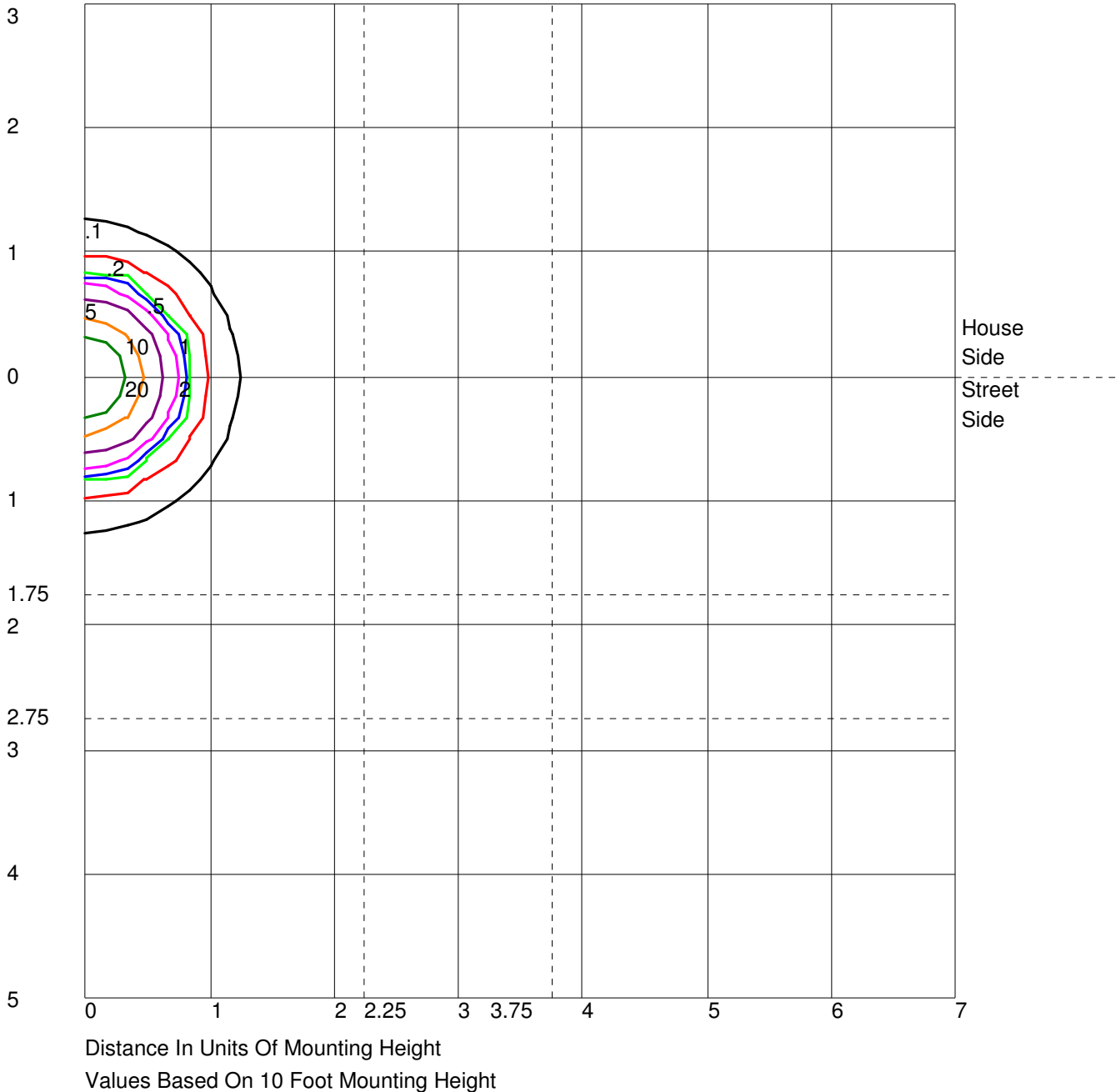


PHOTO LUMENS

