

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-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-L40-940U-L40-940D-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	7022
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10129.85
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10129.85
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.62 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.141 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1372.4	N.A.	19.5
FM - Front-Medium (30-60)	356.0	N.A.	5.1
FH - Front-High (60-80)	25.8	N.A.	0.4
FVH - Front-Very High (80-90)	1.5	N.A.	0.0
BL - Back-Low (0-30)	1372.4	N.A.	19.5
BM - Back-Medium (30-60)	356.0	N.A.	5.1
BH - Back-High (60-80)	25.8	N.A.	0.4
BVH - Back-Very High (80-90)	1.5	N.A.	0.0
UL - Uplight-Low (90-100)	2.9	N.A.	0.0
UH - Uplight-High (100-180)	3508.3	N.A.	50.0
Total	7022.6	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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8722.551	8722.130	8721.708	8721.274	8720.853	8721.361	8722.799	8724.225	8725.663	8727.101
10	5778.616	5780.315	5782.025	5783.724	5785.422	5789.947	5797.286	5804.625	5811.964	5819.303
15	3614.318	3614.665	3614.999	3615.346	3615.681	3618.285	3623.144	3628.004	3632.863	3637.723
20	2534.468	2534.840	2535.212	2535.571	2535.943	2537.282	2539.575	2541.881	2544.174	2546.480
25	2025.368	2023.855	2022.330	2020.818	2019.293	2018.339	2017.954	2017.558	2017.173	2016.777
30	1538.061	1536.325	1534.602	1532.867	1531.144	1527.809	1522.863	1517.916	1512.982	1508.036
35	724.842	725.202	725.573	725.933	726.292	726.826	727.520	728.214	728.908	729.602
40	260.470	261.412	262.354	263.308	264.251	265.912	268.292	270.660	273.040	275.420
45	165.051	165.262	165.473	165.683	165.894	166.241	166.725	167.208	167.692	168.175
50	114.323	114.472	114.621	114.782	114.931	115.179	115.526	115.885	116.233	116.580
55	78.013	78.100	78.187	78.274	78.360	78.534	78.769	79.017	79.253	79.501
60	51.496	51.558	51.620	51.682	51.744	51.843	52.005	52.166	52.327	52.488
65	34.513	34.525	34.550	34.562	34.575	34.637	34.736	34.835	34.934	35.033
70	23.083	23.083	23.095	23.095	23.108	23.132	23.170	23.219	23.256	23.306
75	14.455	14.442	14.442	14.430	14.418	14.418	14.430	14.442	14.455	14.467
80	7.017	7.017	7.017	7.029	7.029	7.041	7.054	7.066	7.091	7.103
85	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
90	0.545	0.545	0.545	0.570	0.570	0.570	0.570	0.595	0.595	0.595
95	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
100	7.017	7.017	7.017	7.029	7.029	7.041	7.054	7.066	7.091	7.103
105	14.455	14.442	14.442	14.430	14.418	14.418	14.430	14.442	14.455	14.467
110	23.083	23.083	23.095	23.095	23.108	23.132	23.170	23.219	23.256	23.306
115	34.513	34.525	34.550	34.562	34.575	34.637	34.736	34.835	34.934	35.033
120	51.496	51.558	51.620	51.682	51.744	51.843	52.005	52.166	52.327	52.488
125	78.013	78.100	78.187	78.274	78.360	78.534	78.769	79.017	79.253	79.501
130	114.323	114.472	114.621	114.782	114.931	115.179	115.526	115.885	116.233	116.580
135	165.051	165.262	165.473	165.683	165.894	166.241	166.725	167.208	167.692	168.175
140	260.470	261.412	262.354	263.308	264.251	265.912	268.292	270.660	273.040	275.420
145	724.842	725.202	725.573	725.933	726.292	726.826	727.520	728.214	728.908	729.602
150	1538.061	1536.325	1534.602	1532.867	1531.144	1527.809	1522.863	1517.916	1512.982	1508.036
155	2025.368	2023.855	2022.330	2020.818	2019.293	2018.339	2017.954	2017.558	2017.173	2016.777
160	2534.468	2534.840	2535.212	2535.571	2535.943	2537.282	2539.575	2541.881	2544.174	2546.480
165	3614.318	3614.665	3614.999	3615.346	3615.681	3618.285	3623.144	3628.004	3632.863	3637.723
170	5778.616	5780.315	5782.025	5783.724	5785.422	5789.947	5797.286	5804.625	5811.964	5819.303
175	8722.551	8722.130	8721.708	8721.287	8720.853	8721.361	8722.799	8724.237	8725.663	8727.101
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8727.237	8727.373	8727.510	8727.646	8728.018	8728.613	8729.221	8729.816	8730.411	8729.816
10	5827.832	5836.373	5844.902	5853.443	5860.113	5864.911	5869.721	5874.518	5879.328	5874.518
15	3644.119	3650.516	3656.901	3663.297	3668.256	3671.764	3675.273	3678.793	3682.302	3678.793
20	2549.406	2552.319	2555.245	2558.158	2560.625	2562.633	2564.629	2566.638	2568.646	2566.638
25	2017.396	2018.004	2018.624	2019.231	2020.334	2021.921	2023.508	2025.095	2026.682	2025.095
30	1508.990	1509.933	1510.887	1511.842	1513.243	1515.090	1516.937	1518.784	1520.631	1518.784
35	732.615	735.615	738.627	741.640	743.487	744.193	744.900	745.607	746.313	745.607
40	276.660	277.912	279.152	280.404	281.594	282.734	283.875	285.015	286.156	285.015
45	168.299	168.436	168.560	168.696	168.820	168.944	169.055	169.179	169.303	169.179
50	116.790	117.001	117.212	117.423	117.571	117.658	117.757	117.844	117.943	117.844
55	79.674	79.860	80.034	80.220	80.344	80.431	80.517	80.592	80.679	80.592

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## CANDELA TABULATION - (Cont.)

60	52.600	52.699	52.810	52.922	53.009	53.071	53.145	53.207	53.282	53.207
65	35.083	35.133	35.170	35.219	35.257	35.269	35.294	35.306	35.331	35.306
70	23.318	23.343	23.356	23.368	23.380	23.368	23.368	23.356	23.356	23.356
75	14.479	14.479	14.492	14.504	14.504	14.492	14.479	14.467	14.455	14.467
80	7.116	7.128	7.128	7.141	7.141	7.141	7.128	7.128	7.128	7.128
85	1.512	1.512	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
90	0.595	0.595	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620
95	1.512	1.512	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
100	7.116	7.128	7.128	7.141	7.141	7.141	7.128	7.128	7.128	7.128
105	14.479	14.479	14.492	14.504	14.504	14.492	14.479	14.467	14.455	14.467
110	23.318	23.343	23.356	23.368	23.380	23.368	23.368	23.356	23.356	23.356
115	35.083	35.133	35.170	35.219	35.257	35.269	35.294	35.306	35.331	35.306
120	52.600	52.699	52.810	52.922	53.009	53.071	53.145	53.207	53.282	53.207
125	79.674	79.860	80.034	80.220	80.344	80.431	80.517	80.592	80.679	80.592
130	116.790	117.001	117.212	117.423	117.571	117.658	117.757	117.844	117.943	117.844
135	168.299	168.436	168.560	168.696	168.820	168.944	169.055	169.179	169.303	169.179
140	276.660	277.912	279.152	280.404	281.594	282.734	283.875	285.015	286.156	285.015
145	732.615	735.615	738.627	741.640	743.487	744.193	744.900	745.607	746.313	745.607
150	1508.990	1509.933	1510.887	1511.842	1513.243	1515.090	1516.937	1518.784	1520.631	1518.784
155	2017.396	2018.004	2018.624	2019.231	2020.334	2021.921	2023.508	2025.095	2026.682	2025.095
160	2549.406	2552.319	2555.245	2558.158	2560.625	2562.633	2564.629	2566.638	2568.646	2566.638
165	3644.119	3650.516	3656.901	3663.297	3668.256	3671.764	3675.273	3678.793	3682.302	3678.793
170	5827.832	5836.373	5844.902	5853.443	5860.113	5864.911	5869.721	5874.518	5879.328	5874.518
175	8727.237	8727.373	8727.522	8727.659	8728.018	8728.625	8729.221	8729.816	8730.411	8729.816
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8729.221	8728.613	8728.018	8727.646	8727.510	8727.373	8727.237	8727.101	8725.663	8724.225
10	5869.721	5864.911	5860.113	5853.443	5844.902	5836.373	5827.832	5819.303	5811.964	5804.625
15	3675.273	3671.764	3668.256	3663.297	3656.901	3650.516	3644.119	3637.723	3632.863	3628.004
20	2564.629	2562.633	2560.625	2558.158	2555.245	2552.319	2549.406	2546.480	2544.174	2541.881
25	2023.508	2021.921	2020.334	2019.231	2018.624	2018.004	2017.396	2016.777	2017.173	2017.558
30	1516.937	1515.090	1513.243	1511.842	1510.887	1509.933	1508.990	1508.036	1512.982	1517.916
35	744.900	744.193	743.487	741.640	738.627	735.615	732.615	729.602	728.908	728.214
40	283.875	282.734	281.594	280.404	279.152	277.912	276.660	275.420	273.040	270.660
45	169.055	168.944	168.820	168.696	168.560	168.436	168.299	168.175	167.692	167.208
50	117.757	117.658	117.571	117.423	117.212	117.001	116.790	116.580	116.233	115.885
55	80.517	80.431	80.344	80.220	80.034	79.860	79.674	79.501	79.253	79.017
60	53.145	53.071	53.009	52.922	52.810	52.699	52.600	52.488	52.327	52.166
65	35.294	35.269	35.257	35.219	35.170	35.133	35.083	35.033	34.934	34.835
70	23.368	23.368	23.380	23.368	23.356	23.343	23.318	23.306	23.256	23.219
75	14.479	14.492	14.504	14.504	14.492	14.479	14.479	14.467	14.455	14.442
80	7.128	7.141	7.141	7.141	7.128	7.128	7.116	7.103	7.091	7.066
85	1.500	1.500	1.500	1.500	1.500	1.512	1.512	1.512	1.512	1.512
90	0.620	0.620	0.620	0.620	0.620	0.595	0.595	0.595	0.595	0.595
95	1.500	1.500	1.500	1.500	1.500	1.512	1.512	1.512	1.512	1.512
100	7.128	7.141	7.141	7.141	7.128	7.128	7.116	7.103	7.091	7.066
105	14.479	14.492	14.504	14.504	14.492	14.479	14.479	14.467	14.455	14.442
110	23.368	23.368	23.380	23.368	23.356	23.343	23.318	23.306	23.256	23.219
115	35.294	35.269	35.257	35.219	35.170	35.133	35.083	35.033	34.934	34.835
120	53.145	53.071	53.009	52.922	52.810	52.699	52.600	52.488	52.327	52.166
125	80.517	80.431	80.344	80.220	80.034	79.860	79.674	79.501	79.253	79.017
130	117.757	117.658	117.571	117.423	117.212	117.001	116.790	116.580	116.233	115.885

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## CANDELA TABULATION - (Cont.)

135	169.055	168.944	168.820	168.696	168.560	168.436	168.299	168.175	167.692	167.208
140	283.875	282.734	281.594	280.404	279.152	277.912	276.660	275.420	273.040	270.660
145	744.900	744.193	743.487	741.640	738.627	735.615	732.615	729.602	728.908	728.214
150	1516.937	1515.090	1513.243	1511.842	1510.887	1509.933	1508.990	1508.036	1512.982	1517.916
155	2023.508	2021.921	2020.334	2019.231	2018.624	2018.004	2017.396	2016.777	2017.173	2017.558
160	2564.629	2562.633	2560.625	2558.158	2555.245	2552.319	2549.406	2546.480	2544.174	2541.881
165	3675.273	3671.764	3668.256	3663.297	3656.901	3650.516	3644.119	3637.723	3632.863	3628.004
170	5869.721	5864.911	5860.113	5853.443	5844.902	5836.373	5827.832	5819.303	5811.964	5804.625
175	8729.221	8728.625	8728.018	8727.659	8727.522	8727.373	8727.237	8727.101	8725.663	8724.237
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## 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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8722.799	8721.361	8720.853	8721.274	8721.708	8722.130	8722.551	8722.130	8721.708	8721.274
10	5797.286	5789.947	5785.422	5783.724	5782.025	5780.315	5778.616	5780.315	5782.025	5783.724
15	3623.144	3618.285	3615.681	3615.346	3614.999	3614.665	3614.318	3614.665	3614.999	3615.346
20	2539.575	2537.282	2535.943	2535.571	2535.212	2534.840	2534.468	2534.840	2535.212	2535.571
25	2017.954	2018.339	2019.293	2020.818	2022.330	2023.855	2025.368	2023.855	2022.330	2020.818
30	1522.863	1527.809	1531.144	1532.867	1534.602	1536.325	1538.061	1536.325	1534.602	1532.867
35	727.520	726.826	726.292	725.933	725.573	725.202	724.842	725.202	725.573	725.933
40	268.292	265.912	264.251	263.308	262.354	261.412	260.470	261.412	262.354	263.308
45	166.725	166.241	165.894	165.683	165.473	165.262	165.051	165.262	165.473	165.683
50	115.526	115.179	114.931	114.782	114.621	114.472	114.323	114.472	114.621	114.782
55	78.769	78.534	78.360	78.274	78.187	78.100	78.013	78.100	78.187	78.274
60	52.005	51.843	51.744	51.682	51.620	51.558	51.496	51.558	51.620	51.682
65	34.736	34.637	34.575	34.562	34.550	34.525	34.513	34.525	34.550	34.562
70	23.170	23.132	23.108	23.095	23.095	23.083	23.083	23.083	23.095	23.095
75	14.430	14.418	14.418	14.430	14.442	14.442	14.455	14.442	14.442	14.430
80	7.054	7.041	7.029	7.029	7.017	7.017	7.017	7.017	7.017	7.029
85	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
90	0.570	0.570	0.570	0.570	0.545	0.545	0.545	0.545	0.545	0.570
95	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
100	7.054	7.041	7.029	7.029	7.017	7.017	7.017	7.017	7.017	7.029
105	14.430	14.418	14.418	14.430	14.442	14.442	14.455	14.442	14.442	14.430
110	23.170	23.132	23.108	23.095	23.095	23.083	23.083	23.083	23.095	23.095
115	34.736	34.637	34.575	34.562	34.550	34.525	34.513	34.525	34.550	34.562
120	52.005	51.843	51.744	51.682	51.620	51.558	51.496	51.558	51.620	51.682
125	78.769	78.534	78.360	78.274	78.187	78.100	78.013	78.100	78.187	78.274
130	115.526	115.179	114.931	114.782	114.621	114.472	114.323	114.472	114.621	114.782
135	166.725	166.241	165.894	165.683	165.473	165.262	165.051	165.262	165.473	165.683
140	268.292	265.912	264.251	263.308	262.354	261.412	260.470	261.412	262.354	263.308
145	727.520	726.826	726.292	725.933	725.573	725.202	724.842	725.202	725.573	725.933
150	1522.863	1527.809	1531.144	1532.867	1534.602	1536.325	1538.061	1536.325	1534.602	1532.867
155	2017.954	2018.339	2019.293	2020.818	2022.330	2023.855	2025.368	2023.855	2022.330	2020.818
160	2539.575	2537.282	2535.943	2535.571	2535.212	2534.840	2534.468	2534.840	2535.212	2535.571
165	3623.144	3618.285	3615.681	3615.346	3614.999	3614.665	3614.318	3614.665	3614.999	3615.346
170	5797.286	5789.947	5785.422	5783.724	5782.025	5780.315	5778.616	5780.315	5782.025	5783.724
175	8722.799	8721.361	8720.853	8721.287	8721.708	8722.130	8722.551	8722.130	8721.708	8721.287
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## 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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	8720.853	8721.361	8722.799	8724.225	8725.663	8727.101	8727.237	8727.373	8727.510	8727.646
10	5785.422	5789.947	5797.286	5804.625	5811.964	5819.303	5827.832	5836.373	5844.902	5853.443
15	3615.681	3618.285	3623.144	3628.004	3632.863	3637.723	3644.119	3650.516	3656.901	3663.297
20	2535.943	2537.282	2539.575	2541.881	2544.174	2546.480	2549.406	2552.319	2555.245	2558.158
25	2019.293	2018.339	2017.954	2017.558	2017.173	2016.777	2017.396	2018.004	2018.624	2019.231
30	1531.144	1527.809	1522.863	1517.916	1512.982	1508.036	1508.990	1509.933	1510.887	1511.842
35	726.292	726.826	727.520	728.214	728.908	729.602	732.615	735.615	738.627	741.640
40	264.251	265.912	268.292	270.660	273.040	275.420	276.660	277.912	279.152	280.404
45	165.894	166.241	166.725	167.208	167.692	168.175	168.299	168.436	168.560	168.696
50	114.931	115.179	115.526	115.885	116.233	116.580	116.790	117.001	117.212	117.423
55	78.360	78.534	78.769	79.017	79.253	79.501	79.674	79.860	80.034	80.220
60	51.744	51.843	52.005	52.166	52.327	52.488	52.600	52.699	52.810	52.922
65	34.575	34.637	34.736	34.835	34.934	35.033	35.083	35.133	35.170	35.219
70	23.108	23.132	23.170	23.219	23.256	23.306	23.318	23.343	23.356	23.368
75	14.418	14.418	14.430	14.442	14.455	14.467	14.479	14.479	14.492	14.504
80	7.029	7.041	7.054	7.066	7.091	7.103	7.116	7.128	7.128	7.141
85	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.500	1.500
90	0.570	0.570	0.570	0.595	0.595	0.595	0.595	0.595	0.620	0.620
95	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.500	1.500
100	7.029	7.041	7.054	7.066	7.091	7.103	7.116	7.128	7.128	7.141
105	14.418	14.418	14.430	14.442	14.455	14.467	14.479	14.479	14.492	14.504
110	23.108	23.132	23.170	23.219	23.256	23.306	23.318	23.343	23.356	23.368
115	34.575	34.637	34.736	34.835	34.934	35.033	35.083	35.133	35.170	35.219
120	51.744	51.843	52.005	52.166	52.327	52.488	52.600	52.699	52.810	52.922
125	78.360	78.534	78.769	79.017	79.253	79.501	79.674	79.860	80.034	80.220
130	114.931	115.179	115.526	115.885	116.233	116.580	116.790	117.001	117.212	117.423
135	165.894	166.241	166.725	167.208	167.692	168.175	168.299	168.436	168.560	168.696
140	264.251	265.912	268.292	270.660	273.040	275.420	276.660	277.912	279.152	280.404
145	726.292	726.826	727.520	728.214	728.908	729.602	732.615	735.615	738.627	741.640
150	1531.144	1527.809	1522.863	1517.916	1512.982	1508.036	1508.990	1509.933	1510.887	1511.842
155	2019.293	2018.339	2017.954	2017.558	2017.173	2016.777	2017.396	2018.004	2018.624	2019.231
160	2535.943	2537.282	2539.575	2541.881	2544.174	2546.480	2549.406	2552.319	2555.245	2558.158
165	3615.681	3618.285	3623.144	3628.004	3632.863	3637.723	3644.119	3650.516	3656.901	3663.297
170	5785.422	5789.947	5797.286	5804.625	5811.964	5819.303	5827.832	5836.373	5844.902	5853.443
175	8720.853	8721.361	8722.799	8724.237	8725.663	8727.101	8727.237	8727.373	8727.522	8727.659
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## 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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8728.018	8728.613	8729.221	8729.816	8730.411	8729.816	8729.221	8728.613	8728.018	8727.646
10	5860.113	5864.911	5869.721	5874.518	5879.328	5874.518	5869.721	5864.911	5860.113	5853.443
15	3668.256	3671.764	3675.273	3678.793	3682.302	3678.793	3675.273	3671.764	3668.256	3663.297
20	2560.625	2562.633	2564.629	2566.638	2568.646	2566.638	2564.629	2562.633	2560.625	2558.158
25	2020.334	2021.921	2023.508	2025.095	2026.682	2025.095	2023.508	2021.921	2020.334	2019.231
30	1513.243	1515.090	1516.937	1518.784	1520.631	1518.784	1516.937	1515.090	1513.243	1511.842
35	743.487	744.193	744.900	745.607	746.313	745.607	744.900	744.193	743.487	741.640
40	281.594	282.734	283.875	285.015	286.156	285.015	283.875	282.734	281.594	280.404
45	168.820	168.944	169.055	169.179	169.303	169.179	169.055	168.944	168.820	168.696
50	117.571	117.658	117.757	117.844	117.943	117.844	117.757	117.658	117.571	117.423
55	80.344	80.431	80.517	80.592	80.679	80.592	80.517	80.431	80.344	80.220
60	53.009	53.071	53.145	53.207	53.282	53.207	53.145	53.071	53.009	52.922
65	35.257	35.269	35.294	35.306	35.331	35.306	35.294	35.269	35.257	35.219
70	23.380	23.368	23.368	23.356	23.356	23.356	23.368	23.368	23.380	23.368
75	14.504	14.492	14.479	14.467	14.455	14.467	14.479	14.492	14.504	14.504

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	7.141	7.141	7.128	7.128	7.128	7.128	7.128	7.141	7.141	7.141
85	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
90	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620
95	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
100	7.141	7.141	7.128	7.128	7.128	7.128	7.128	7.141	7.141	7.141
105	14.504	14.492	14.479	14.467	14.455	14.467	14.479	14.492	14.504	14.504
110	23.380	23.368	23.368	23.356	23.356	23.356	23.368	23.368	23.380	23.368
115	35.257	35.269	35.294	35.306	35.331	35.306	35.294	35.269	35.257	35.219
120	53.009	53.071	53.145	53.207	53.282	53.207	53.145	53.071	53.009	52.922
125	80.344	80.431	80.517	80.592	80.679	80.592	80.517	80.431	80.344	80.220
130	117.571	117.658	117.757	117.844	117.943	117.844	117.757	117.658	117.571	117.423
135	168.820	168.944	169.055	169.179	169.303	169.179	169.055	168.944	168.820	168.696
140	281.594	282.734	283.875	285.015	286.156	285.015	283.875	282.734	281.594	280.404
145	743.487	744.193	744.900	745.607	746.313	745.607	744.900	744.193	743.487	741.640
150	1513.243	1515.090	1516.937	1518.784	1520.631	1518.784	1516.937	1515.090	1513.243	1511.842
155	2020.334	2021.921	2023.508	2025.095	2026.682	2025.095	2023.508	2021.921	2020.334	2019.231
160	2560.625	2562.633	2564.629	2566.638	2568.646	2566.638	2564.629	2562.633	2560.625	2558.158
165	3668.256	3671.764	3675.273	3678.793	3682.302	3678.793	3675.273	3671.764	3668.256	3663.297
170	5860.113	5864.911	5869.721	5874.518	5879.328	5874.518	5869.721	5864.911	5860.113	5853.443
175	8728.018	8728.625	8729.221	8729.816	8730.411	8729.816	8729.221	8728.625	8728.018	8727.659
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## 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	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850	10129.850
5	8727.510	8727.373	8727.237	8727.101	8725.663	8724.225	8722.799	8721.361	8720.853	8721.274
10	5844.902	5836.373	5827.832	5819.303	5811.964	5804.625	5797.286	5789.947	5785.422	5783.724
15	3656.901	3650.516	3644.119	3637.723	3632.863	3628.004	3623.144	3618.285	3615.681	3615.346
20	2555.245	2552.319	2549.406	2546.480	2544.174	2541.881	2539.575	2537.282	2535.943	2535.571
25	2018.624	2018.004	2017.396	2016.777	2017.173	2017.558	2017.954	2018.339	2019.293	2020.818
30	1510.887	1509.933	1508.990	1508.036	1512.982	1517.916	1522.863	1527.809	1531.144	1532.867
35	738.627	735.615	732.615	729.602	728.908	728.214	727.520	726.826	726.292	725.933
40	279.152	277.912	276.660	275.420	273.040	270.660	268.292	265.912	264.251	263.308
45	168.560	168.436	168.299	168.175	167.692	167.208	166.725	166.241	165.894	165.683
50	117.212	117.001	116.790	116.580	116.233	115.885	115.526	115.179	114.931	114.782
55	80.034	79.860	79.674	79.501	79.253	79.017	78.769	78.534	78.360	78.274
60	52.810	52.699	52.600	52.488	52.327	52.166	52.005	51.843	51.744	51.682
65	35.170	35.133	35.083	35.033	34.934	34.835	34.736	34.637	34.575	34.562
70	23.356	23.343	23.318	23.306	23.256	23.219	23.170	23.132	23.108	23.095
75	14.492	14.479	14.479	14.467	14.455	14.442	14.430	14.418	14.418	14.430
80	7.128	7.128	7.116	7.103	7.091	7.066	7.054	7.041	7.029	7.029
85	1.500	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
90	0.620	0.595	0.595	0.595	0.595	0.595	0.570	0.570	0.570	0.570
95	1.500	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512	1.512
100	7.128	7.128	7.116	7.103	7.091	7.066	7.054	7.041	7.029	7.029
105	14.492	14.479	14.479	14.467	14.455	14.442	14.430	14.418	14.418	14.430
110	23.356	23.343	23.318	23.306	23.256	23.219	23.170	23.132	23.108	23.095
115	35.170	35.133	35.083	35.033	34.934	34.835	34.736	34.637	34.575	34.562
120	52.810	52.699	52.600	52.488	52.327	52.166	52.005	51.843	51.744	51.682
125	80.034	79.860	79.674	79.501	79.253	79.017	78.769	78.534	78.360	78.274
130	117.212	117.001	116.790	116.580	116.233	115.885	115.526	115.179	114.931	114.782
135	168.560	168.436	168.299	168.175	167.692	167.208	166.725	166.241	165.894	165.683
140	279.152	277.912	276.660	275.420	273.040	270.660	268.292	265.912	264.251	263.308
145	738.627	735.615	732.615	729.602	728.908	728.214	727.520	726.826	726.292	725.933
150	1510.887	1509.933	1508.990	1508.036	1512.982	1517.916	1522.863	1527.809	1531.144	1532.867

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	2018.624	2018.004	2017.396	2016.777	2017.173	2017.558	2017.954	2018.339	2019.293	2020.818
160	2555.245	2552.319	2549.406	2546.480	2544.174	2541.881	2539.575	2537.282	2535.943	2535.571
165	3656.901	3650.516	3644.119	3637.723	3632.863	3628.004	3623.144	3618.285	3615.681	3615.346
170	5844.902	5836.373	5827.832	5819.303	5811.964	5804.625	5797.286	5789.947	5785.422	5783.724
175	8727.522	8727.373	8727.237	8727.101	8725.663	8724.237	8722.799	8721.361	8720.853	8721.287
180	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441	10129.441

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10129.850	10129.850	10129.850
5	8721.708	8722.130	8722.551
10	5782.025	5780.315	5778.616
15	3614.999	3614.665	3614.318
20	2535.212	2534.840	2534.468
25	2022.330	2023.855	2025.368
30	1534.602	1536.325	1538.061
35	725.573	725.202	724.842
40	262.354	261.412	260.470
45	165.473	165.262	165.051
50	114.621	114.472	114.323
55	78.187	78.100	78.013
60	51.620	51.558	51.496
65	34.550	34.525	34.513
70	23.095	23.083	23.083
75	14.442	14.442	14.455
80	7.017	7.017	7.017
85	1.512	1.512	1.512
90	0.545	0.545	0.545
95	1.512	1.512	1.512
100	7.017	7.017	7.017
105	14.442	14.442	14.455
110	23.095	23.083	23.083
115	34.550	34.525	34.513
120	51.620	51.558	51.496
125	78.187	78.100	78.013
130	114.621	114.472	114.323
135	165.473	165.262	165.051
140	262.354	261.412	260.470
145	725.573	725.202	724.842
150	1534.602	1536.325	1538.061
155	2022.330	2023.855	2025.368
160	2535.212	2534.840	2534.468
165	3614.999	3614.665	3614.318
170	5782.025	5780.315	5778.616
175	8721.708	8722.130	8722.551
180	10129.441	10129.441	10129.441



COEFFICIENTS OF UTILIZATION



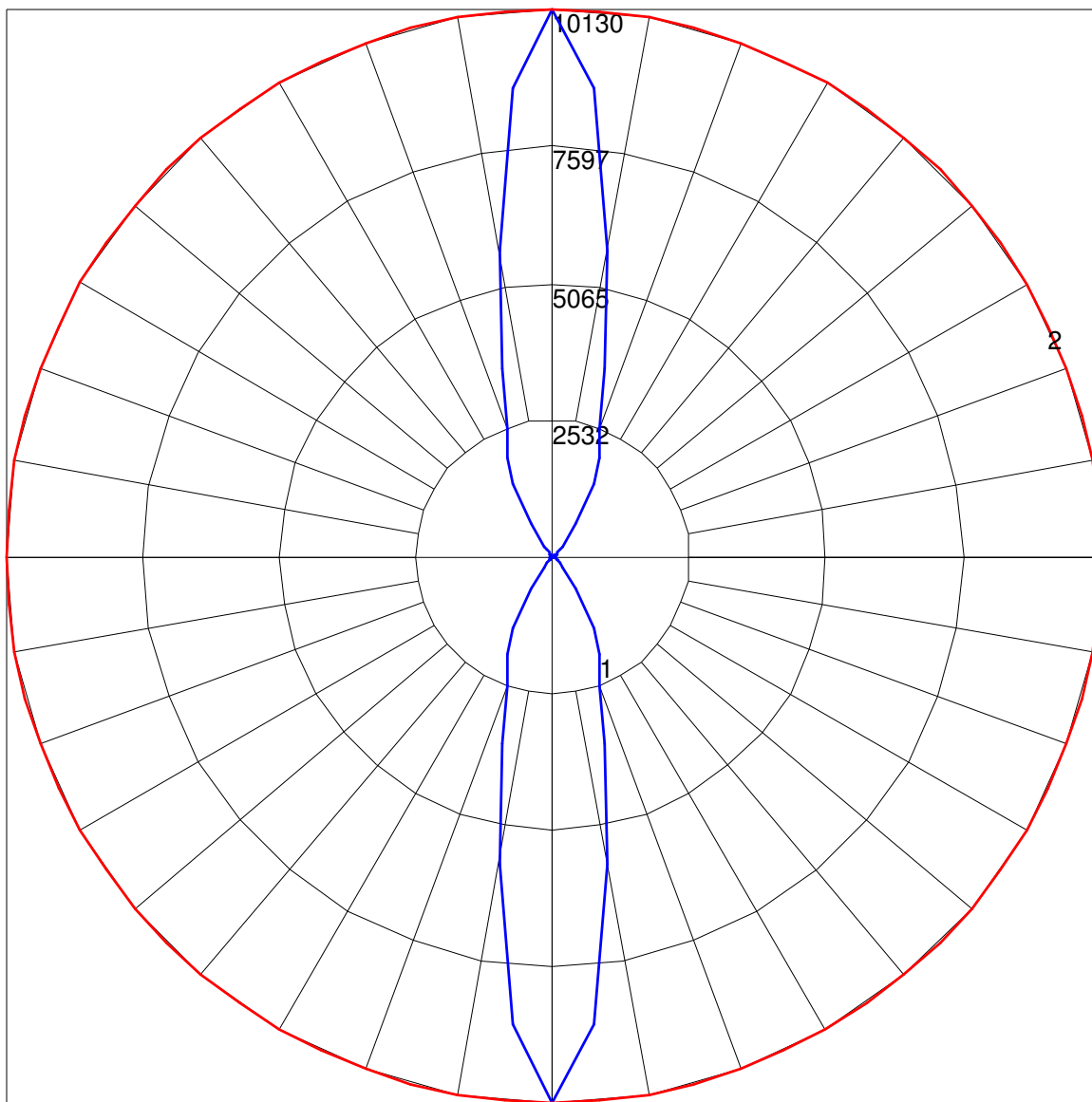
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1755.6	25.0
Downward House Side	1755.6	25.0
Downward Total	3511.2	50.0
Upward Street Side	1755.6	25.0
Upward House Side	1755.6	25.0
Upward Total	3511.2	50.0
Total Flux	7022.4	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-940U-L40-940D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

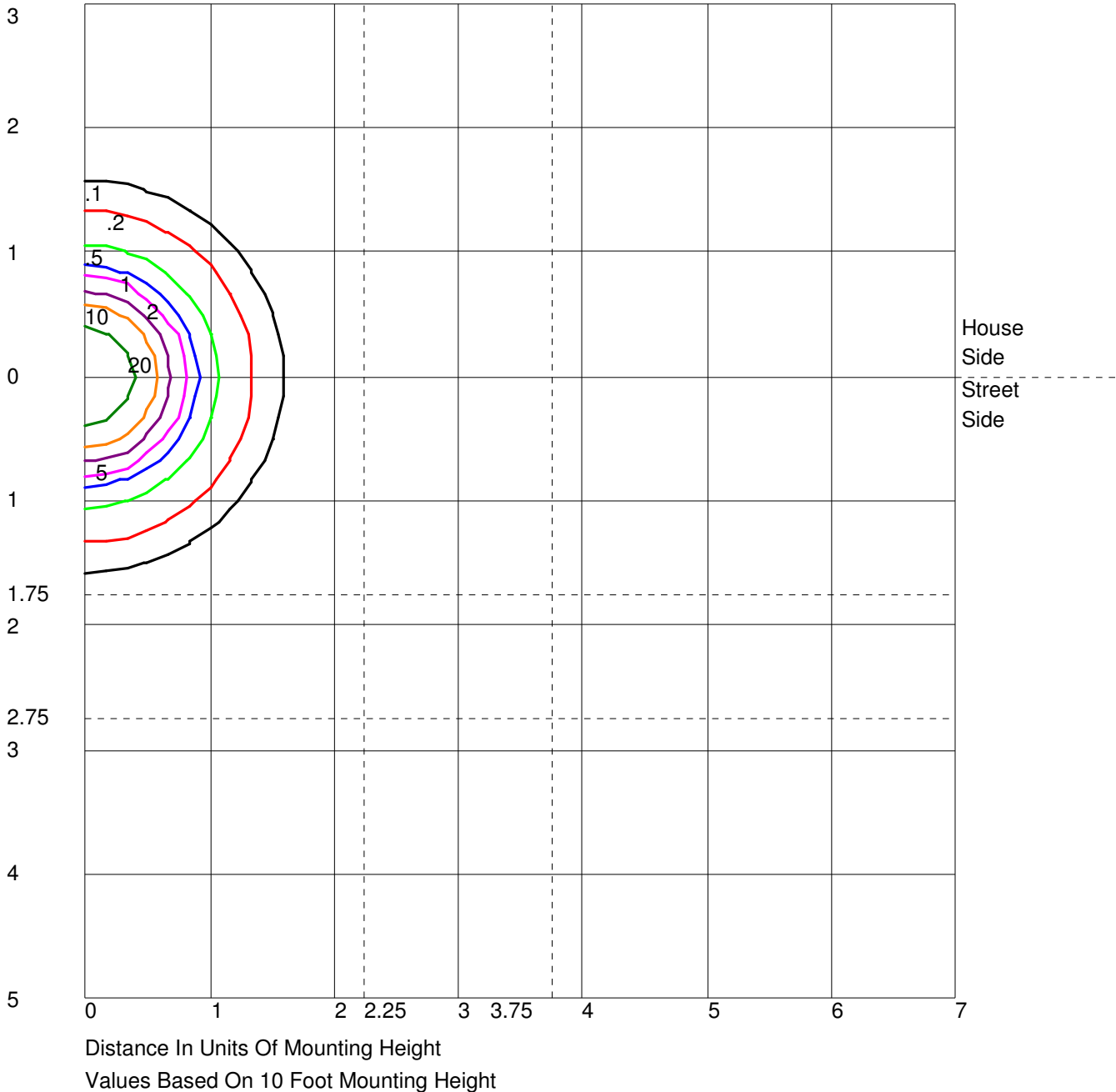


Maximum Candela = 10129.85 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

