

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-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-L10-830U-L10-830D-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	2136
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9873.448
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9873.448
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.141 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.684 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	473.8	N.A.	22.2
FM - Front-Medium (30-60)	55.0	N.A.	2.6
FH - Front-High (60-80)	4.9	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	473.8	N.A.	22.2
BM - Back-Medium (30-60)	55.0	N.A.	2.6
BH - Back-High (60-80)	4.9	N.A.	0.2
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	1067.3	N.A.	50.0
Total	2136.0	N.A.	100.0
BUG Rating	B1-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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6683.648	6686.249	6688.849	6691.447	6694.048	6698.128	6703.691	6709.251	6714.814	6720.373
10	2002.958	2006.964	2010.971	2014.978	2018.985	2031.261	2051.809	2072.358	2092.903	2113.451
15	659.767	660.661	661.553	662.448	663.339	667.458	674.803	682.146	689.492	696.834
20	431.124	430.916	430.708	430.501	430.293	430.906	432.347	433.785	435.226	436.664
25	385.017	384.736	384.451	384.170	383.886	383.777	383.841	383.908	383.972	384.036
30	306.133	305.712	305.290	304.865	304.443	303.740	302.759	301.778	300.797	299.816
35	123.556	123.837	124.118	124.396	124.677	124.799	124.757	124.716	124.674	124.632
40	22.338	22.577	22.817	23.057	23.296	23.590	23.945	24.300	24.654	25.009
45	12.822	12.829	12.835	12.845	12.851	12.858	12.861	12.867	12.870	12.877
50	11.873	11.854	11.835	11.819	11.800	11.774	11.742	11.710	11.679	11.647
55	11.468	11.426	11.385	11.343	11.301	11.247	11.186	11.123	11.062	10.998
60	9.295	9.276	9.257	9.234	9.215	9.177	9.119	9.058	9.001	8.943
65	6.499	6.483	6.467	6.451	6.435	6.426	6.422	6.419	6.416	6.413
70	4.467	4.467	4.464	4.464	4.461	4.461	4.464	4.464	4.467	4.467
75	3.061	3.058	3.051	3.048	3.045	3.042	3.042	3.039	3.039	3.039
80	1.671	1.671	1.671	1.668	1.668	1.668	1.668	1.671	1.671	1.671
85	0.351	0.351	0.351	0.345	0.345	0.345	0.345	0.342	0.342	0.342
90	0.128	0.128	0.128	0.134	0.134	0.134	0.134	0.141	0.141	0.141
95	0.351	0.351	0.351	0.345	0.345	0.345	0.345	0.342	0.342	0.342
100	1.671	1.671	1.671	1.668	1.668	1.668	1.668	1.671	1.671	1.671
105	3.061	3.058	3.051	3.048	3.045	3.042	3.042	3.039	3.039	3.039
110	4.467	4.467	4.464	4.464	4.461	4.461	4.464	4.464	4.467	4.467
115	6.499	6.483	6.467	6.451	6.435	6.426	6.422	6.419	6.416	6.413
120	9.295	9.276	9.257	9.234	9.215	9.177	9.119	9.058	9.001	8.943
125	11.468	11.426	11.385	11.343	11.301	11.247	11.186	11.123	11.062	10.998
130	11.873	11.854	11.835	11.819	11.800	11.774	11.742	11.710	11.679	11.647
135	12.822	12.829	12.835	12.845	12.851	12.858	12.861	12.867	12.870	12.877
140	22.338	22.577	22.817	23.057	23.296	23.590	23.945	24.300	24.654	25.009
145	123.556	123.837	124.118	124.396	124.677	124.799	124.757	124.716	124.674	124.632
150	306.133	305.712	305.290	304.865	304.443	303.740	302.759	301.778	300.797	299.816
155	385.017	384.736	384.451	384.170	383.886	383.777	383.841	383.908	383.972	384.036
160	431.124	430.916	430.708	430.501	430.293	430.906	432.347	433.785	435.226	436.664
165	659.767	660.661	661.553	662.448	663.339	667.458	674.803	682.146	689.492	696.834
170	2002.958	2006.964	2010.971	2014.978	2018.985	2031.261	2051.809	2072.358	2092.903	2113.451
175	6683.654	6686.255	6688.856	6691.454	6694.054	6698.135	6703.698	6709.257	6714.820	6720.380
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6737.193	6754.016	6770.835	6787.658	6796.602	6797.666	6798.730	6799.794	6800.858	6799.794
10	2129.661	2145.870	2162.079	2178.289	2190.434	2198.508	2206.582	2214.657	2222.731	2214.657
15	699.883	702.931	705.979	709.027	713.382	719.041	724.700	730.362	736.021	730.362
20	438.061	439.460	440.856	442.253	443.448	444.438	445.425	446.416	447.407	446.416
25	384.339	384.643	384.946	385.250	385.793	386.573	387.352	388.132	388.912	388.132
30	300.091	300.363	300.638	300.909	301.363	301.999	302.635	303.270	303.906	303.270
35	125.626	126.617	127.610	128.604	129.141	129.227	129.313	129.397	129.483	129.397
40	25.491	25.974	26.456	26.939	27.166	27.137	27.111	27.083	27.057	27.083
45	12.870	12.867	12.861	12.858	12.861	12.874	12.889	12.902	12.915	12.902
50	11.631	11.615	11.599	11.583	11.573	11.563	11.554	11.548	11.538	11.548
55	10.966	10.931	10.899	10.864	10.845	10.835	10.829	10.819	10.813	10.819

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## CANDELA TABULATION - (Cont.)

60	8.927	8.911	8.895	8.879	8.886	8.915	8.943	8.972	9.001	8.972
65	6.406	6.400	6.394	6.387	6.390	6.400	6.410	6.422	6.432	6.422
70	4.464	4.461	4.457	4.454	4.454	4.457	4.461	4.464	4.467	4.464
75	3.032	3.029	3.023	3.019	3.016	3.019	3.023	3.023	3.026	3.023
80	1.671	1.674	1.671	1.674	1.674	1.677	1.681	1.681	1.684	1.681
85	0.342	0.342	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339
90	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
95	0.342	0.342	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339
100	1.671	1.674	1.671	1.674	1.674	1.677	1.681	1.681	1.684	1.681
105	3.032	3.029	3.023	3.019	3.016	3.019	3.023	3.023	3.026	3.023
110	4.464	4.461	4.457	4.454	4.454	4.457	4.461	4.464	4.467	4.464
115	6.406	6.400	6.394	6.387	6.390	6.400	6.410	6.422	6.432	6.422
120	8.927	8.911	8.895	8.879	8.886	8.915	8.943	8.972	9.001	8.972
125	10.966	10.931	10.899	10.864	10.845	10.835	10.829	10.819	10.813	10.819
130	11.631	11.615	11.599	11.583	11.573	11.563	11.554	11.548	11.538	11.548
135	12.870	12.867	12.861	12.858	12.861	12.874	12.889	12.902	12.915	12.902
140	25.491	25.974	26.456	26.939	27.166	27.137	27.111	27.083	27.057	27.083
145	125.626	126.617	127.610	128.604	129.141	129.227	129.313	129.397	129.483	129.397
150	300.091	300.363	300.638	300.909	301.363	301.999	302.635	303.270	303.906	303.270
155	384.339	384.643	384.946	385.250	385.793	386.573	387.352	388.132	388.912	388.132
160	438.061	439.460	440.856	442.253	443.448	444.438	445.425	446.416	447.407	446.416
165	699.883	702.931	705.979	709.027	713.382	719.041	724.700	730.362	736.021	730.362
170	2129.661	2145.870	2162.079	2178.289	2190.434	2198.508	2206.582	2214.657	2222.731	2214.657
175	6737.199	6754.022	6770.842	6787.665	6796.605	6797.672	6798.736	6799.800	6800.864	6799.800
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

## 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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6798.730	6797.666	6796.602	6787.658	6770.835	6754.016	6737.193	6720.373	6714.814	6709.251
10	2206.582	2198.508	2190.434	2178.289	2162.079	2145.870	2129.661	2113.451	2092.903	2072.358
15	724.700	719.041	713.382	709.027	705.979	702.931	699.883	696.834	689.492	682.146
20	445.425	444.438	443.448	442.253	440.856	439.460	438.061	436.664	435.226	433.785
25	387.352	386.573	385.793	385.250	384.946	384.643	384.339	384.036	383.972	383.908
30	302.635	301.999	301.363	300.909	300.638	300.363	300.091	299.816	300.797	301.778
35	129.313	129.227	129.141	128.604	127.610	126.617	125.626	124.632	124.674	124.716
40	27.111	27.137	27.166	26.939	26.456	25.974	25.491	25.009	24.654	24.300
45	12.889	12.874	12.861	12.858	12.861	12.867	12.870	12.877	12.870	12.867
50	11.554	11.563	11.573	11.583	11.599	11.615	11.631	11.647	11.679	11.710
55	10.829	10.835	10.845	10.864	10.899	10.931	10.966	10.998	11.062	11.123
60	8.943	8.915	8.886	8.879	8.895	8.911	8.927	8.943	9.001	9.058
65	6.410	6.400	6.390	6.387	6.394	6.400	6.406	6.413	6.416	6.419
70	4.461	4.457	4.454	4.454	4.457	4.461	4.464	4.467	4.467	4.464
75	3.023	3.019	3.016	3.019	3.023	3.029	3.032	3.039	3.039	3.039
80	1.681	1.677	1.674	1.674	1.671	1.674	1.671	1.671	1.671	1.671
85	0.339	0.339	0.339	0.339	0.339	0.342	0.342	0.342	0.342	0.342
90	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
95	0.339	0.339	0.339	0.339	0.339	0.342	0.342	0.342	0.342	0.342
100	1.681	1.677	1.674	1.674	1.671	1.674	1.671	1.671	1.671	1.671
105	3.023	3.019	3.016	3.019	3.023	3.029	3.032	3.039	3.039	3.039
110	4.461	4.457	4.454	4.454	4.457	4.461	4.464	4.467	4.467	4.464
115	6.410	6.400	6.390	6.387	6.394	6.400	6.406	6.413	6.416	6.419
120	8.943	8.915	8.886	8.879	8.895	8.911	8.927	8.943	9.001	9.058
125	10.829	10.835	10.845	10.864	10.899	10.931	10.966	10.998	11.062	11.123
130	11.554	11.563	11.573	11.583	11.599	11.615	11.631	11.647	11.679	11.710

**IES ROAD REPORT**

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**CANDELA TABULATION - (Cont.)**

135	12.889	12.874	12.861	12.858	12.861	12.867	12.870	12.877	12.870	12.867
140	27.111	27.137	27.166	26.939	26.456	25.974	25.491	25.009	24.654	24.300
145	129.313	129.227	129.141	128.604	127.610	126.617	125.626	124.632	124.674	124.716
150	302.635	301.999	301.363	300.909	300.638	300.363	300.091	299.816	300.797	301.778
155	387.352	386.573	385.793	385.250	384.946	384.643	384.339	384.036	383.972	383.908
160	445.425	444.438	443.448	442.253	440.856	439.460	438.061	436.664	435.226	433.785
165	724.700	719.041	713.382	709.027	705.979	702.931	699.883	696.834	689.492	682.146
170	2206.582	2198.508	2190.434	2178.289	2162.079	2145.870	2129.661	2113.451	2092.903	2072.358
175	6798.736	6797.669	6796.605	6787.665	6770.842	6754.022	6737.199	6720.380	6714.817	6709.257
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

**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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6703.691	6698.128	6694.048	6691.447	6688.849	6686.249	6683.648	6686.249	6688.849	6691.447
10	2051.809	2031.261	2018.985	2014.978	2010.971	2006.964	2002.958	2006.964	2010.971	2014.978
15	674.803	667.458	663.339	662.448	661.553	660.661	659.767	660.661	661.553	662.448
20	432.347	430.906	430.293	430.501	430.708	430.916	431.124	430.916	430.708	430.501
25	383.841	383.777	383.886	384.170	384.451	384.736	385.017	384.736	384.451	384.170
30	302.759	303.740	304.443	304.865	305.290	305.712	306.133	305.712	305.290	304.865
35	124.757	124.799	124.677	124.396	124.118	123.837	123.556	123.837	124.118	124.396
40	23.945	23.590	23.296	23.057	22.817	22.577	22.338	22.577	22.817	23.057
45	12.861	12.858	12.851	12.845	12.835	12.829	12.822	12.829	12.835	12.845
50	11.742	11.774	11.800	11.819	11.835	11.854	11.873	11.854	11.835	11.819
55	11.186	11.247	11.301	11.343	11.385	11.426	11.468	11.426	11.385	11.343
60	9.119	9.177	9.215	9.234	9.257	9.276	9.295	9.276	9.257	9.234
65	6.422	6.426	6.435	6.451	6.467	6.483	6.499	6.483	6.467	6.451
70	4.464	4.461	4.461	4.464	4.464	4.467	4.467	4.467	4.464	4.464
75	3.042	3.042	3.045	3.048	3.051	3.058	3.061	3.058	3.051	3.048
80	1.668	1.668	1.668	1.668	1.671	1.671	1.671	1.671	1.671	1.668
85	0.345	0.345	0.345	0.345	0.351	0.351	0.351	0.351	0.351	0.345
90	0.134	0.134	0.134	0.134	0.128	0.128	0.128	0.128	0.128	0.134
95	0.345	0.345	0.345	0.345	0.351	0.351	0.351	0.351	0.351	0.345
100	1.668	1.668	1.668	1.668	1.671	1.671	1.671	1.671	1.671	1.668
105	3.042	3.042	3.045	3.048	3.051	3.058	3.061	3.058	3.051	3.048
110	4.464	4.461	4.461	4.464	4.464	4.467	4.467	4.467	4.464	4.464
115	6.422	6.426	6.435	6.451	6.467	6.483	6.499	6.483	6.467	6.451
120	9.119	9.177	9.215	9.234	9.257	9.276	9.295	9.276	9.257	9.234
125	11.186	11.247	11.301	11.343	11.385	11.426	11.468	11.426	11.385	11.343
130	11.742	11.774	11.800	11.819	11.835	11.854	11.873	11.854	11.835	11.819
135	12.861	12.858	12.851	12.845	12.835	12.829	12.822	12.829	12.835	12.845
140	23.945	23.590	23.296	23.057	22.817	22.577	22.338	22.577	22.817	23.057
145	124.757	124.799	124.677	124.396	124.118	123.837	123.556	123.837	124.118	124.396
150	302.759	303.740	304.443	304.865	305.290	305.712	306.133	305.712	305.290	304.865
155	383.841	383.777	383.886	384.170	384.451	384.736	385.017	384.736	384.451	384.170
160	432.347	430.906	430.293	430.501	430.708	430.916	431.124	430.916	430.708	430.501
165	674.803	667.458	663.339	662.448	661.553	660.661	659.767	660.661	661.553	662.448
170	2051.809	2031.261	2018.985	2014.978	2010.971	2006.964	2002.958	2006.964	2010.971	2014.978
175	6703.698	6698.135	6694.054	6691.454	6688.853	6686.255	6683.654	6686.255	6688.853	6691.454
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

**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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-S-XX.IES

## CANDELA TABULATION - (Cont.)

5	6694.048	6698.128	6703.691	6709.251	6714.814	6720.373	6737.193	6754.016	6770.835	6787.658
10	2018.985	2031.261	2051.809	2072.358	2092.903	2113.451	2129.661	2145.870	2162.079	2178.289
15	663.339	667.458	674.803	682.146	689.492	696.834	699.883	702.931	705.979	709.027
20	430.293	430.906	432.347	433.785	435.226	436.664	438.061	439.460	440.856	442.253
25	383.886	383.777	383.841	383.908	383.972	384.036	384.339	384.643	384.946	385.250
30	304.443	303.740	302.759	301.778	300.797	299.816	300.091	300.363	300.638	300.909
35	124.677	124.799	124.757	124.716	124.674	124.632	125.626	126.617	127.610	128.604
40	23.296	23.590	23.945	24.300	24.654	25.009	25.491	25.974	26.456	26.939
45	12.851	12.858	12.861	12.867	12.870	12.877	12.870	12.867	12.861	12.858
50	11.800	11.774	11.742	11.710	11.679	11.647	11.631	11.615	11.599	11.583
55	11.301	11.247	11.186	11.123	11.062	10.998	10.966	10.931	10.899	10.864
60	9.215	9.177	9.119	9.058	9.001	8.943	8.927	8.911	8.895	8.879
65	6.435	6.426	6.422	6.419	6.416	6.413	6.406	6.400	6.394	6.387
70	4.461	4.461	4.464	4.464	4.467	4.467	4.464	4.461	4.457	4.454
75	3.045	3.042	3.042	3.039	3.039	3.039	3.032	3.029	3.023	3.019
80	1.668	1.668	1.668	1.671	1.671	1.671	1.671	1.674	1.671	1.674
85	0.345	0.345	0.345	0.342	0.342	0.342	0.342	0.342	0.339	0.339
90	0.134	0.134	0.134	0.141	0.141	0.141	0.141	0.141	0.141	0.141
95	0.345	0.345	0.345	0.342	0.342	0.342	0.342	0.342	0.339	0.339
100	1.668	1.668	1.668	1.671	1.671	1.671	1.671	1.674	1.671	1.674
105	3.045	3.042	3.042	3.039	3.039	3.039	3.032	3.029	3.023	3.019
110	4.461	4.461	4.464	4.464	4.467	4.467	4.464	4.461	4.457	4.454
115	6.435	6.426	6.422	6.419	6.416	6.413	6.406	6.400	6.394	6.387
120	9.215	9.177	9.119	9.058	9.001	8.943	8.927	8.911	8.895	8.879
125	11.301	11.247	11.186	11.123	11.062	10.998	10.966	10.931	10.899	10.864
130	11.800	11.774	11.742	11.710	11.679	11.647	11.631	11.615	11.599	11.583
135	12.851	12.858	12.861	12.867	12.870	12.877	12.870	12.867	12.861	12.858
140	23.296	23.590	23.945	24.300	24.654	25.009	25.491	25.974	26.456	26.939
145	124.677	124.799	124.757	124.716	124.674	124.632	125.626	126.617	127.610	128.604
150	304.443	303.740	302.759	301.778	300.797	299.816	300.091	300.363	300.638	300.909
155	383.886	383.777	383.841	383.908	383.972	384.036	384.339	384.643	384.946	385.250
160	430.293	430.906	432.347	433.785	435.226	436.664	438.061	439.460	440.856	442.253
165	663.339	667.458	674.803	682.146	689.492	696.834	699.883	702.931	705.979	709.027
170	2018.985	2031.261	2051.809	2072.358	2092.903	2113.451	2129.661	2145.870	2162.079	2178.289
175	6694.054	6698.135	6703.698	6709.257	6714.817	6720.380	6737.199	6754.022	6770.842	6787.665
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

## 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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6796.602	6797.666	6798.730	6799.794	6800.858	6799.794	6798.730	6797.666	6796.602	6787.658
10	2190.434	2198.508	2206.582	2214.657	2222.731	2214.657	2206.582	2198.508	2190.434	2178.289
15	713.382	719.041	724.700	730.362	736.021	730.362	724.700	719.041	713.382	709.027
20	443.448	444.438	445.425	446.416	447.407	446.416	445.425	444.438	443.448	442.253
25	385.793	386.573	387.352	388.132	388.912	388.132	387.352	386.573	385.793	385.250
30	301.363	301.999	302.635	303.270	303.906	303.270	302.635	301.999	301.363	300.909
35	129.141	129.227	129.313	129.397	129.483	129.397	129.313	129.227	129.141	128.604
40	27.166	27.137	27.111	27.083	27.057	27.083	27.111	27.137	27.166	26.939
45	12.861	12.874	12.889	12.902	12.915	12.902	12.889	12.874	12.861	12.858
50	11.573	11.563	11.554	11.548	11.538	11.548	11.554	11.563	11.573	11.583
55	10.845	10.835	10.829	10.819	10.813	10.819	10.829	10.835	10.845	10.864
60	8.886	8.915	8.943	8.972	9.001	8.972	8.943	8.915	8.886	8.879
65	6.390	6.400	6.410	6.422	6.432	6.422	6.410	6.400	6.390	6.387
70	4.454	4.457	4.461	4.464	4.467	4.464	4.461	4.457	4.454	4.454
75	3.016	3.019	3.023	3.023	3.026	3.023	3.023	3.019	3.016	3.019

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-S-XX.IES

## CANDELA TABULATION - (Cont.)

80	1.674	1.677	1.681	1.681	1.684	1.681	1.681	1.677	1.674	1.674
85	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339
90	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
95	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339
100	1.674	1.677	1.681	1.681	1.684	1.681	1.681	1.677	1.674	1.674
105	3.016	3.019	3.023	3.023	3.026	3.023	3.023	3.019	3.016	3.019
110	4.454	4.457	4.461	4.464	4.467	4.464	4.461	4.457	4.454	4.454
115	6.390	6.400	6.410	6.422	6.432	6.422	6.410	6.400	6.390	6.387
120	8.886	8.915	8.943	8.972	9.001	8.972	8.943	8.915	8.886	8.879
125	10.845	10.835	10.829	10.819	10.813	10.819	10.829	10.835	10.845	10.864
130	11.573	11.563	11.554	11.548	11.538	11.548	11.554	11.563	11.573	11.583
135	12.861	12.874	12.889	12.902	12.915	12.902	12.889	12.874	12.861	12.858
140	27.166	27.137	27.111	27.083	27.057	27.083	27.111	27.137	27.166	26.939
145	129.141	129.227	129.313	129.397	129.483	129.397	129.313	129.227	129.141	128.604
150	301.363	301.999	302.635	303.270	303.906	303.270	302.635	301.999	301.363	300.909
155	385.793	386.573	387.352	388.132	388.912	388.132	387.352	386.573	385.793	385.250
160	443.448	444.438	445.425	446.416	447.407	446.416	445.425	444.438	443.448	442.253
165	713.382	719.041	724.700	730.362	736.021	730.362	724.700	719.041	713.382	709.027
170	2190.434	2198.508	2206.582	2214.657	2222.731	2214.657	2206.582	2198.508	2190.434	2178.289
175	6796.605	6797.669	6798.736	6799.800	6800.864	6799.800	6798.736	6797.672	6796.605	6787.665
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

## 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	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448	9873.448
5	6770.835	6754.016	6737.193	6720.373	6714.814	6709.251	6703.691	6698.128	6694.048	6691.447
10	2162.079	2145.870	2129.661	2113.451	2092.903	2072.358	2051.809	2031.261	2018.985	2014.978
15	705.979	702.931	699.883	696.834	689.492	682.146	674.803	667.458	663.339	662.448
20	440.856	439.460	438.061	436.664	435.226	433.785	432.347	430.906	430.293	430.501
25	384.946	384.643	384.339	384.036	383.972	383.908	383.841	383.777	383.886	384.170
30	300.638	300.363	300.091	299.816	300.797	301.778	302.759	303.740	304.443	304.865
35	127.610	126.617	125.626	124.632	124.674	124.716	124.757	124.799	124.677	124.396
40	26.456	25.974	25.491	25.009	24.654	24.300	23.945	23.590	23.296	23.057
45	12.861	12.867	12.870	12.877	12.870	12.867	12.861	12.858	12.851	12.845
50	11.599	11.615	11.631	11.647	11.679	11.710	11.742	11.774	11.800	11.819
55	10.899	10.931	10.966	10.998	11.062	11.123	11.186	11.247	11.301	11.343
60	8.895	8.911	8.927	8.943	9.001	9.058	9.119	9.177	9.215	9.234
65	6.394	6.400	6.406	6.413	6.416	6.419	6.422	6.426	6.435	6.451
70	4.457	4.461	4.464	4.467	4.467	4.464	4.464	4.461	4.461	4.464
75	3.023	3.029	3.032	3.039	3.039	3.039	3.042	3.042	3.045	3.048
80	1.671	1.674	1.671	1.671	1.671	1.671	1.668	1.668	1.668	1.668
85	0.339	0.342	0.342	0.342	0.342	0.342	0.345	0.345	0.345	0.345
90	0.141	0.141	0.141	0.141	0.141	0.141	0.134	0.134	0.134	0.134
95	0.339	0.342	0.342	0.342	0.342	0.342	0.345	0.345	0.345	0.345
100	1.671	1.674	1.671	1.671	1.671	1.671	1.668	1.668	1.668	1.668
105	3.023	3.029	3.032	3.039	3.039	3.039	3.042	3.042	3.045	3.048
110	4.457	4.461	4.464	4.467	4.467	4.464	4.464	4.461	4.461	4.464
115	6.394	6.400	6.406	6.413	6.416	6.419	6.422	6.426	6.435	6.451
120	8.895	8.911	8.927	8.943	9.001	9.058	9.119	9.177	9.215	9.234
125	10.899	10.931	10.966	10.998	11.062	11.123	11.186	11.247	11.301	11.343
130	11.599	11.615	11.631	11.647	11.679	11.710	11.742	11.774	11.800	11.819
135	12.861	12.867	12.870	12.877	12.870	12.867	12.861	12.858	12.851	12.845
140	26.456	25.974	25.491	25.009	24.654	24.300	23.945	23.590	23.296	23.057
145	127.610	126.617	125.626	124.632	124.674	124.716	124.757	124.799	124.677	124.396
150	300.638	300.363	300.091	299.816	300.797	301.778	302.759	303.740	304.443	304.865

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-S-XX.IES

## CANDELA TABULATION - (Cont.)

155	384.946	384.643	384.339	384.036	383.972	383.908	383.841	383.777	383.886	384.170
160	440.856	439.460	438.061	436.664	435.226	433.785	432.347	430.906	430.293	430.501
165	705.979	702.931	699.883	696.834	689.492	682.146	674.803	667.458	663.339	662.448
170	2162.079	2145.870	2129.661	2113.451	2092.903	2072.358	2051.809	2031.261	2018.985	2014.978
175	6770.842	6754.022	6737.199	6720.380	6714.820	6709.257	6703.698	6698.135	6694.054	6691.454
180	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208	9873.208

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9873.448	9873.448	9873.448
5	6688.849	6686.249	6683.648
10	2010.971	2006.964	2002.958
15	661.553	660.661	659.767
20	430.708	430.916	431.124
25	384.451	384.736	385.017
30	305.290	305.712	306.133
35	124.118	123.837	123.556
40	22.817	22.577	22.338
45	12.835	12.829	12.822
50	11.835	11.854	11.873
55	11.385	11.426	11.468
60	9.257	9.276	9.295
65	6.467	6.483	6.499
70	4.464	4.467	4.467
75	3.051	3.058	3.061
80	1.671	1.671	1.671
85	0.351	0.351	0.351
90	0.128	0.128	0.128
95	0.351	0.351	0.351
100	1.671	1.671	1.671
105	3.051	3.058	3.061
110	4.464	4.467	4.467
115	6.467	6.483	6.499
120	9.257	9.276	9.295
125	11.385	11.426	11.468
130	11.835	11.854	11.873
135	12.835	12.829	12.822
140	22.817	22.577	22.338
145	124.118	123.837	123.556
150	305.290	305.712	306.133
155	384.451	384.736	385.017
160	430.708	430.916	431.124
165	661.553	660.661	659.767
170	2010.971	2006.964	2002.958
175	6688.856	6686.255	6683.654
180	9873.208	9873.208	9873.208



COEFFICIENTS OF UTILIZATION



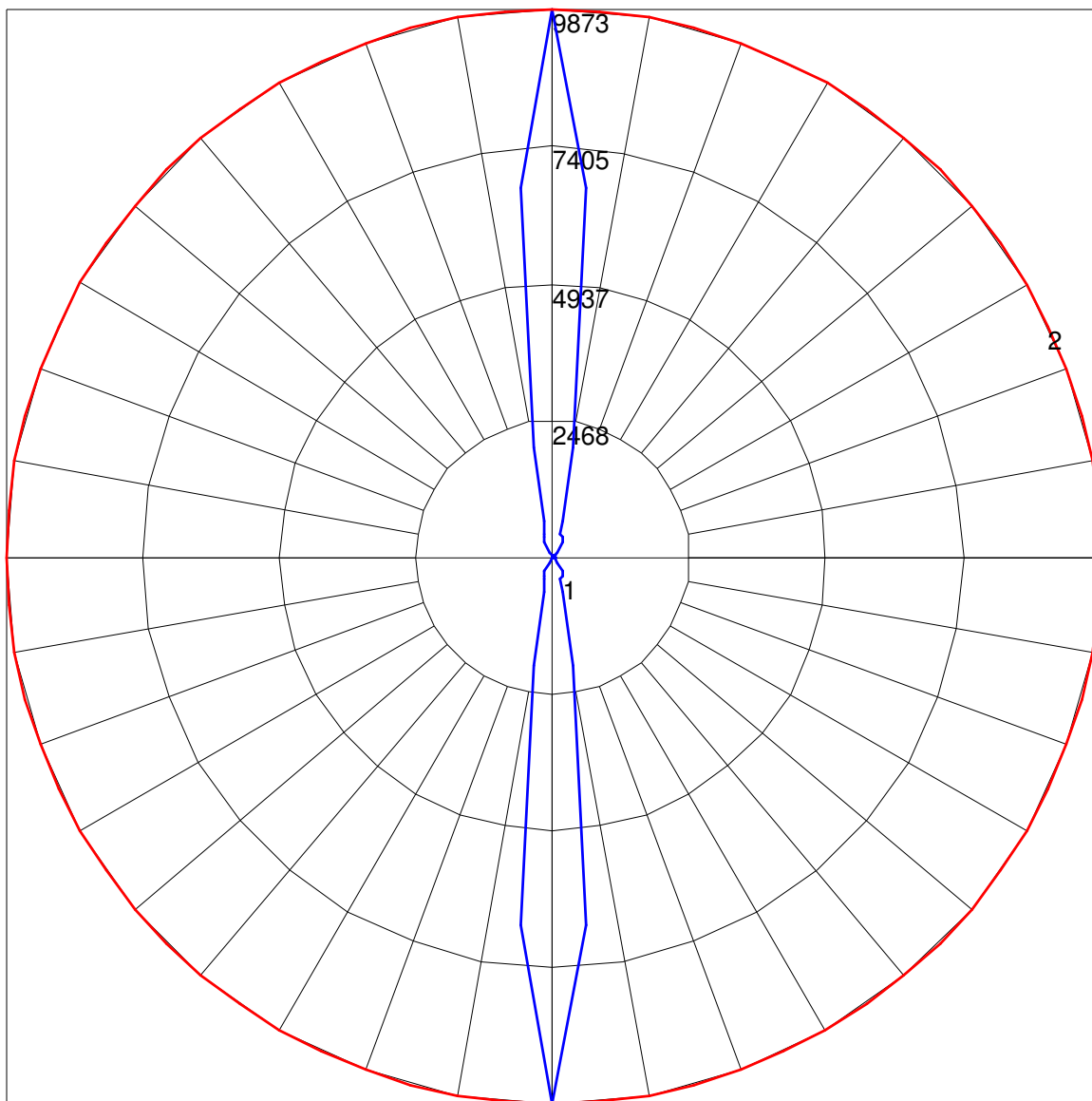
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	534.0	25.0
Downward House Side	534.0	25.0
Downward Total	1068.0	50.0
Upward Street Side	534.0	25.0
Upward House Side	534.0	25.0
Upward Total	1068.0	50.0
Total Flux	2136.0	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-830U-L10-830D-XXX-DIM-UNV-S-XX.IES

## POLAR GRAPH



Maximum Candela = 9873.448 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

