

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-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-L10-850U-L10-850D-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	2115
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9774.714
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9774.714
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.139 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.667 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	469.0	N.A.	22.2
FM - Front-Medium (30-60)	54.4	N.A.	2.6
FH - Front-High (60-80)	4.8	N.A.	0.2
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	469.0	N.A.	22.2
BM - Back-Medium (30-60)	54.4	N.A.	2.6
BH - Back-High (60-80)	4.8	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)	1056.6	N.A.	50.0
Total	2114.3	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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6616.812	6619.386	6621.961	6624.533	6627.108	6631.147	6636.655	6642.159	6647.666	6653.170
10	1982.928	1986.895	1990.862	1994.828	1998.795	2010.948	2031.291	2051.634	2071.974	2092.317
15	653.169	654.055	654.937	655.823	656.706	660.783	668.055	675.325	682.597	689.866
20	426.812	426.607	426.401	426.196	425.990	426.597	428.024	429.447	430.874	432.298
25	381.167	380.888	380.607	380.328	380.047	379.939	380.003	380.069	380.132	380.196
30	303.072	302.654	302.237	301.816	301.399	300.703	299.732	298.761	297.789	296.818
35	122.320	122.599	122.877	123.152	123.430	123.551	123.510	123.468	123.427	123.386
40	22.114	22.352	22.589	22.826	23.063	23.354	23.705	24.057	24.408	24.759
45	12.694	12.700	12.707	12.716	12.723	12.729	12.732	12.738	12.742	12.748
50	11.755	11.736	11.717	11.701	11.682	11.657	11.625	11.593	11.562	11.530
55	11.353	11.312	11.271	11.230	11.188	11.135	11.075	11.011	10.951	10.888
60	9.202	9.183	9.164	9.142	9.123	9.085	9.028	8.968	8.911	8.854
65	6.434	6.418	6.402	6.387	6.371	6.361	6.358	6.355	6.352	6.349
70	4.422	4.422	4.419	4.419	4.416	4.416	4.419	4.419	4.422	4.422
75	3.030	3.027	3.021	3.018	3.015	3.011	3.011	3.008	3.008	3.008
80	1.654	1.654	1.654	1.651	1.651	1.651	1.651	1.654	1.654	1.654
85	0.348	0.348	0.348	0.342	0.342	0.342	0.342	0.338	0.338	0.338
90	0.127	0.127	0.127	0.133	0.133	0.133	0.133	0.139	0.139	0.139
95	0.348	0.348	0.348	0.342	0.342	0.342	0.342	0.338	0.338	0.338
100	1.654	1.654	1.654	1.651	1.651	1.651	1.651	1.654	1.654	1.654
105	3.030	3.027	3.021	3.018	3.015	3.011	3.011	3.008	3.008	3.008
110	4.422	4.422	4.419	4.419	4.416	4.416	4.419	4.419	4.422	4.422
115	6.434	6.418	6.402	6.387	6.371	6.361	6.358	6.355	6.352	6.349
120	9.202	9.183	9.164	9.142	9.123	9.085	9.028	8.968	8.911	8.854
125	11.353	11.312	11.271	11.230	11.188	11.135	11.075	11.011	10.951	10.888
130	11.755	11.736	11.717	11.701	11.682	11.657	11.625	11.593	11.562	11.530
135	12.694	12.700	12.707	12.716	12.723	12.729	12.732	12.738	12.742	12.748
140	22.114	22.352	22.589	22.826	23.063	23.354	23.705	24.057	24.408	24.759
145	122.320	122.599	122.877	123.152	123.430	123.551	123.510	123.468	123.427	123.386
150	303.072	302.654	302.237	301.816	301.399	300.703	299.732	298.761	297.789	296.818
155	381.167	380.888	380.607	380.328	380.047	379.939	380.003	380.069	380.132	380.196
160	426.812	426.607	426.401	426.196	425.990	426.597	428.024	429.447	430.874	432.298
165	653.169	654.055	654.937	655.823	656.706	660.783	668.055	675.325	682.597	689.866
170	1982.928	1986.895	1990.862	1994.828	1998.795	2010.948	2031.291	2051.634	2071.974	2092.317
175	6616.818	6619.393	6621.968	6624.539	6627.114	6631.154	6636.661	6642.165	6647.672	6653.176
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6669.821	6686.476	6703.127	6719.782	6728.636	6729.689	6730.743	6731.796	6732.849	6731.796
10	2108.364	2124.411	2140.459	2156.506	2168.529	2176.523	2184.516	2192.510	2200.504	2192.510
15	692.884	695.902	698.919	701.937	706.249	711.851	717.453	723.058	728.660	723.058
20	433.680	435.065	436.448	437.830	439.013	439.994	440.971	441.952	442.932	441.952
25	380.496	380.797	381.097	381.398	381.935	382.707	383.479	384.251	385.023	384.251
30	297.090	297.359	297.631	297.900	298.349	298.979	299.608	300.238	300.867	300.238
35	124.370	125.351	126.334	127.318	127.850	127.935	128.020	128.103	128.188	128.103
40	25.236	25.714	26.192	26.669	26.894	26.866	26.840	26.812	26.786	26.812
45	12.742	12.738	12.732	12.729	12.732	12.745	12.761	12.773	12.786	12.773
50	11.514	11.498	11.483	11.467	11.457	11.448	11.438	11.432	11.423	11.432
55	10.856	10.822	10.790	10.755	10.736	10.727	10.720	10.711	10.704	10.711

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CANDELA TABULATION - (Cont.)

60	8.838	8.822	8.807	8.791	8.797	8.825	8.854	8.882	8.911	8.882
65	6.342	6.336	6.330	6.323	6.327	6.336	6.346	6.358	6.368	6.358
70	4.419	4.416	4.413	4.410	4.410	4.413	4.416	4.419	4.422	4.419
75	3.002	2.999	2.992	2.989	2.986	2.989	2.992	2.992	2.996	2.992
80	1.654	1.658	1.654	1.658	1.658	1.661	1.664	1.664	1.667	1.664
85	0.338	0.338	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335
90	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
95	0.338	0.338	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335
100	1.654	1.658	1.654	1.658	1.658	1.661	1.664	1.664	1.667	1.664
105	3.002	2.999	2.992	2.989	2.986	2.989	2.992	2.992	2.996	2.992
110	4.419	4.416	4.413	4.410	4.410	4.413	4.416	4.419	4.422	4.419
115	6.342	6.336	6.330	6.323	6.327	6.336	6.346	6.358	6.368	6.358
120	8.838	8.822	8.807	8.791	8.797	8.825	8.854	8.882	8.911	8.882
125	10.856	10.822	10.790	10.755	10.736	10.727	10.720	10.711	10.704	10.711
130	11.514	11.498	11.483	11.467	11.457	11.448	11.438	11.432	11.423	11.432
135	12.742	12.738	12.732	12.729	12.732	12.745	12.761	12.773	12.786	12.773
140	25.236	25.714	26.192	26.669	26.894	26.866	26.840	26.812	26.786	26.812
145	124.370	125.351	126.334	127.318	127.850	127.935	128.020	128.103	128.188	128.103
150	297.090	297.359	297.631	297.900	298.349	298.979	299.608	300.238	300.867	300.238
155	380.496	380.797	381.097	381.398	381.935	382.707	383.479	384.251	385.023	384.251
160	433.680	435.065	436.448	437.830	439.013	439.994	440.971	441.952	442.932	441.952
165	692.884	695.902	698.919	701.937	706.249	711.851	717.453	723.058	728.660	723.058
170	2108.364	2124.411	2140.459	2156.506	2168.529	2176.523	2184.516	2192.510	2200.504	2192.510
175	6669.828	6686.482	6703.134	6719.788	6728.639	6729.696	6730.749	6731.802	6732.856	6731.802
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6730.743	6729.689	6728.636	6719.782	6703.127	6686.476	6669.821	6653.170	6647.666	6642.159
10	2184.516	2176.523	2168.529	2156.506	2140.459	2124.411	2108.364	2092.317	2071.974	2051.634
15	717.453	711.851	706.249	701.937	698.919	695.902	692.884	689.866	682.597	675.325
20	440.971	439.994	439.013	437.830	436.448	435.065	433.680	432.298	430.874	429.447
25	383.479	382.707	381.935	381.398	381.097	380.797	380.496	380.196	380.132	380.069
30	299.608	298.979	298.349	297.900	297.631	297.359	297.090	296.818	297.789	298.761
35	128.020	127.935	127.850	127.318	126.334	125.351	124.370	123.386	123.427	123.468
40	26.840	26.866	26.894	26.669	26.192	25.714	25.236	24.759	24.408	24.057
45	12.761	12.745	12.732	12.729	12.732	12.738	12.742	12.748	12.742	12.738
50	11.438	11.448	11.457	11.467	11.483	11.498	11.514	11.530	11.562	11.593
55	10.720	10.727	10.736	10.755	10.790	10.822	10.856	10.888	10.951	11.011
60	8.854	8.825	8.797	8.791	8.807	8.822	8.838	8.854	8.911	8.968
65	6.346	6.336	6.327	6.323	6.330	6.336	6.342	6.349	6.352	6.355
70	4.416	4.413	4.410	4.410	4.413	4.416	4.419	4.422	4.422	4.419
75	2.992	2.989	2.986	2.989	2.992	2.999	3.002	3.008	3.008	3.008
80	1.664	1.661	1.658	1.658	1.654	1.658	1.654	1.654	1.654	1.654
85	0.335	0.335	0.335	0.335	0.335	0.338	0.338	0.338	0.338	0.338
90	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
95	0.335	0.335	0.335	0.335	0.335	0.338	0.338	0.338	0.338	0.338
100	1.664	1.661	1.658	1.658	1.654	1.658	1.654	1.654	1.654	1.654
105	2.992	2.989	2.986	2.989	2.992	2.999	3.002	3.008	3.008	3.008
110	4.416	4.413	4.410	4.410	4.413	4.416	4.419	4.422	4.422	4.419
115	6.346	6.336	6.327	6.323	6.330	6.336	6.342	6.349	6.352	6.355
120	8.854	8.825	8.797	8.791	8.807	8.822	8.838	8.854	8.911	8.968
125	10.720	10.727	10.736	10.755	10.790	10.822	10.856	10.888	10.951	11.011
130	11.438	11.448	11.457	11.467	11.483	11.498	11.514	11.530	11.562	11.593

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CANDELA TABULATION - (Cont.)

135	12.761	12.745	12.732	12.729	12.732	12.738	12.742	12.748	12.742	12.738
140	26.840	26.866	26.894	26.669	26.192	25.714	25.236	24.759	24.408	24.057
145	128.020	127.935	127.850	127.318	126.334	125.351	124.370	123.386	123.427	123.468
150	299.608	298.979	298.349	297.900	297.631	297.359	297.090	296.818	297.789	298.761
155	383.479	382.707	381.935	381.398	381.097	380.797	380.496	380.196	380.132	380.069
160	440.971	439.994	439.013	437.830	436.448	435.065	433.680	432.298	430.874	429.447
165	717.453	711.851	706.249	701.937	698.919	695.902	692.884	689.866	682.597	675.325
170	2184.516	2176.523	2168.529	2156.506	2140.459	2124.411	2108.364	2092.317	2071.974	2051.634
175	6730.749	6729.693	6728.639	6719.788	6703.134	6686.482	6669.828	6653.176	6647.669	6642.165
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

**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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6636.655	6631.147	6627.108	6624.533	6621.961	6619.386	6616.812	6619.386	6621.961	6624.533
10	2031.291	2010.948	1998.795	1994.828	1990.862	1986.895	1982.928	1986.895	1990.862	1994.828
15	668.055	660.783	656.706	655.823	654.937	654.055	653.169	654.055	654.937	655.823
20	428.024	426.597	425.990	426.196	426.401	426.607	426.812	426.607	426.401	426.196
25	380.003	379.939	380.047	380.328	380.607	380.888	381.167	380.888	380.607	380.328
30	299.732	300.703	301.399	301.816	302.237	302.654	303.072	302.654	302.237	301.816
35	123.510	123.551	123.430	123.152	122.877	122.599	122.320	122.599	122.877	123.152
40	23.705	23.354	23.063	22.826	22.589	22.352	22.114	22.352	22.589	22.826
45	12.732	12.729	12.723	12.716	12.707	12.700	12.694	12.700	12.707	12.716
50	11.625	11.657	11.682	11.701	11.717	11.736	11.755	11.736	11.717	11.701
55	11.075	11.135	11.188	11.230	11.271	11.312	11.353	11.312	11.271	11.230
60	9.028	9.085	9.123	9.142	9.164	9.183	9.202	9.183	9.164	9.142
65	6.358	6.361	6.371	6.387	6.402	6.418	6.434	6.418	6.402	6.387
70	4.419	4.416	4.416	4.419	4.419	4.422	4.422	4.422	4.419	4.419
75	3.011	3.011	3.015	3.018	3.021	3.027	3.030	3.027	3.021	3.018
80	1.651	1.651	1.651	1.651	1.654	1.654	1.654	1.654	1.654	1.651
85	0.342	0.342	0.342	0.342	0.348	0.348	0.348	0.348	0.348	0.342
90	0.133	0.133	0.133	0.133	0.127	0.127	0.127	0.127	0.127	0.133
95	0.342	0.342	0.342	0.342	0.348	0.348	0.348	0.348	0.348	0.342
100	1.651	1.651	1.651	1.651	1.654	1.654	1.654	1.654	1.654	1.651
105	3.011	3.011	3.015	3.018	3.021	3.027	3.030	3.027	3.021	3.018
110	4.419	4.416	4.416	4.419	4.419	4.422	4.422	4.422	4.419	4.419
115	6.358	6.361	6.371	6.387	6.402	6.418	6.434	6.418	6.402	6.387
120	9.028	9.085	9.123	9.142	9.164	9.183	9.202	9.183	9.164	9.142
125	11.075	11.135	11.188	11.230	11.271	11.312	11.353	11.312	11.271	11.230
130	11.625	11.657	11.682	11.701	11.717	11.736	11.755	11.736	11.717	11.701
135	12.732	12.729	12.723	12.716	12.707	12.700	12.694	12.700	12.707	12.716
140	23.705	23.354	23.063	22.826	22.589	22.352	22.114	22.352	22.589	22.826
145	123.510	123.551	123.430	123.152	122.877	122.599	122.320	122.599	122.877	123.152
150	299.732	300.703	301.399	301.816	302.237	302.654	303.072	302.654	302.237	301.816
155	380.003	379.939	380.047	380.328	380.607	380.888	381.167	380.888	380.607	380.328
160	428.024	426.597	425.990	426.196	426.401	426.607	426.812	426.607	426.401	426.196
165	668.055	660.783	656.706	655.823	654.937	654.055	653.169	654.055	654.937	655.823
170	2031.291	2010.948	1998.795	1994.828	1990.862	1986.895	1982.928	1986.895	1990.862	1994.828
175	6636.661	6631.154	6627.114	6624.539	6621.964	6619.393	6616.818	6619.393	6621.964	6624.539
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

**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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	6627.108	6631.147	6636.655	6642.159	6647.666	6653.170	6669.821	6686.476	6703.127	6719.782
10	1998.795	2010.948	2031.291	2051.634	2071.974	2092.317	2108.364	2124.411	2140.459	2156.506
15	656.706	660.783	668.055	675.325	682.597	689.866	692.884	695.902	698.919	701.937
20	425.990	426.597	428.024	429.447	430.874	432.298	433.680	435.065	436.448	437.830
25	380.047	379.939	380.003	380.069	380.132	380.196	380.496	380.797	381.097	381.398
30	301.399	300.703	299.732	298.761	297.789	296.818	297.090	297.359	297.631	297.900
35	123.430	123.551	123.510	123.468	123.427	123.386	124.370	125.351	126.334	127.318
40	23.063	23.354	23.705	24.057	24.408	24.759	25.236	25.714	26.192	26.669
45	12.723	12.729	12.732	12.738	12.742	12.748	12.742	12.738	12.732	12.729
50	11.682	11.657	11.625	11.593	11.562	11.530	11.514	11.498	11.483	11.467
55	11.188	11.135	11.075	11.011	10.951	10.888	10.856	10.822	10.790	10.755
60	9.123	9.085	9.028	8.968	8.911	8.854	8.838	8.822	8.807	8.791
65	6.371	6.361	6.358	6.355	6.352	6.349	6.342	6.336	6.330	6.323
70	4.416	4.416	4.419	4.419	4.422	4.422	4.419	4.416	4.413	4.410
75	3.015	3.011	3.011	3.008	3.008	3.008	3.002	2.999	2.992	2.989
80	1.651	1.651	1.651	1.654	1.654	1.654	1.654	1.658	1.654	1.658
85	0.342	0.342	0.342	0.338	0.338	0.338	0.338	0.338	0.335	0.335
90	0.133	0.133	0.133	0.139	0.139	0.139	0.139	0.139	0.139	0.139
95	0.342	0.342	0.342	0.338	0.338	0.338	0.338	0.338	0.335	0.335
100	1.651	1.651	1.651	1.654	1.654	1.654	1.654	1.658	1.654	1.658
105	3.015	3.011	3.011	3.008	3.008	3.008	3.002	2.999	2.992	2.989
110	4.416	4.416	4.419	4.419	4.422	4.422	4.419	4.416	4.413	4.410
115	6.371	6.361	6.358	6.355	6.352	6.349	6.342	6.336	6.330	6.323
120	9.123	9.085	9.028	8.968	8.911	8.854	8.838	8.822	8.807	8.791
125	11.188	11.135	11.075	11.011	10.951	10.888	10.856	10.822	10.790	10.755
130	11.682	11.657	11.625	11.593	11.562	11.530	11.514	11.498	11.483	11.467
135	12.723	12.729	12.732	12.738	12.742	12.748	12.742	12.738	12.732	12.729
140	23.063	23.354	23.705	24.057	24.408	24.759	25.236	25.714	26.192	26.669
145	123.430	123.551	123.510	123.468	123.427	123.386	124.370	125.351	126.334	127.318
150	301.399	300.703	299.732	298.761	297.789	296.818	297.090	297.359	297.631	297.900
155	380.047	379.939	380.003	380.069	380.132	380.196	380.496	380.797	381.097	381.398
160	425.990	426.597	428.024	429.447	430.874	432.298	433.680	435.065	436.448	437.830
165	656.706	660.783	668.055	675.325	682.597	689.866	692.884	695.902	698.919	701.937
170	1998.795	2010.948	2031.291	2051.634	2071.974	2092.317	2108.364	2124.411	2140.459	2156.506
175	6627.114	6631.154	6636.661	6642.165	6647.669	6653.176	6669.828	6686.482	6703.134	6719.788
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6728.636	6729.689	6730.743	6731.796	6732.849	6731.796	6730.743	6729.689	6728.636	6719.782
10	2168.529	2176.523	2184.516	2192.510	2200.504	2192.510	2184.516	2176.523	2168.529	2156.506
15	706.249	711.851	717.453	723.058	728.660	723.058	717.453	711.851	706.249	701.937
20	439.013	439.994	440.971	441.952	442.932	441.952	440.971	439.994	439.013	437.830
25	381.935	382.707	383.479	384.251	385.023	384.251	383.479	382.707	381.935	381.398
30	298.349	298.979	299.608	300.238	300.867	300.238	299.608	298.979	298.349	297.900
35	127.850	127.935	128.020	128.103	128.188	128.103	128.020	127.935	127.850	127.318
40	26.894	26.866	26.840	26.812	26.786	26.812	26.840	26.866	26.894	26.669
45	12.732	12.745	12.761	12.773	12.786	12.773	12.761	12.745	12.732	12.729
50	11.457	11.448	11.438	11.432	11.423	11.432	11.438	11.448	11.457	11.467
55	10.736	10.727	10.720	10.711	10.704	10.711	10.720	10.727	10.736	10.755
60	8.797	8.825	8.854	8.882	8.911	8.882	8.854	8.825	8.797	8.791
65	6.327	6.336	6.346	6.358	6.368	6.358	6.346	6.336	6.327	6.323
70	4.410	4.413	4.416	4.419	4.422	4.419	4.416	4.413	4.410	4.410
75	2.986	2.989	2.992	2.992	2.996	2.992	2.992	2.989	2.986	2.989

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	1.658	1.661	1.664	1.664	1.667	1.664	1.664	1.661	1.658	1.658
85	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335
90	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
95	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335
100	1.658	1.661	1.664	1.664	1.667	1.664	1.664	1.661	1.658	1.658
105	2.986	2.989	2.992	2.992	2.996	2.992	2.992	2.989	2.986	2.989
110	4.410	4.413	4.416	4.419	4.422	4.419	4.416	4.413	4.410	4.410
115	6.327	6.336	6.346	6.358	6.368	6.358	6.346	6.336	6.327	6.323
120	8.797	8.825	8.854	8.882	8.911	8.882	8.854	8.825	8.797	8.791
125	10.736	10.727	10.720	10.711	10.704	10.711	10.720	10.727	10.736	10.755
130	11.457	11.448	11.438	11.432	11.423	11.432	11.438	11.448	11.457	11.467
135	12.732	12.745	12.761	12.773	12.786	12.773	12.761	12.745	12.732	12.729
140	26.894	26.866	26.840	26.812	26.786	26.812	26.840	26.866	26.894	26.669
145	127.850	127.935	128.020	128.103	128.188	128.103	128.020	127.935	127.850	127.318
150	298.349	298.979	299.608	300.238	300.867	300.238	299.608	298.979	298.349	297.900
155	381.935	382.707	383.479	384.251	385.023	384.251	383.479	382.707	381.935	381.398
160	439.013	439.994	440.971	441.952	442.932	441.952	440.971	439.994	439.013	437.830
165	706.249	711.851	717.453	723.058	728.660	723.058	717.453	711.851	706.249	701.937
170	2168.529	2176.523	2184.516	2192.510	2200.504	2192.510	2184.516	2176.523	2168.529	2156.506
175	6728.639	6729.693	6730.749	6731.802	6732.856	6731.802	6730.749	6729.696	6728.639	6719.788
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

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	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714	9774.714
5	6703.127	6686.476	6669.821	6653.170	6647.666	6642.159	6636.655	6631.147	6627.108	6624.533
10	2140.459	2124.411	2108.364	2092.317	2071.974	2051.634	2031.291	2010.948	1998.795	1994.828
15	698.919	695.902	692.884	689.866	682.597	675.325	668.055	660.783	656.706	655.823
20	436.448	435.065	433.680	432.298	430.874	429.447	428.024	426.597	425.990	426.196
25	381.097	380.797	380.496	380.196	380.132	380.069	380.003	379.939	380.047	380.328
30	297.631	297.359	297.090	296.818	297.789	298.761	299.732	300.703	301.399	301.816
35	126.334	125.351	124.370	123.386	123.427	123.468	123.510	123.551	123.430	123.152
40	26.192	25.714	25.236	24.759	24.408	24.057	23.705	23.354	23.063	22.826
45	12.732	12.738	12.742	12.748	12.742	12.738	12.732	12.729	12.723	12.716
50	11.483	11.498	11.514	11.530	11.562	11.593	11.625	11.657	11.682	11.701
55	10.790	10.822	10.856	10.888	10.951	11.011	11.075	11.135	11.188	11.230
60	8.807	8.822	8.838	8.854	8.911	8.968	9.028	9.085	9.123	9.142
65	6.330	6.336	6.342	6.349	6.352	6.355	6.358	6.361	6.371	6.387
70	4.413	4.416	4.419	4.422	4.422	4.419	4.419	4.416	4.416	4.419
75	2.992	2.999	3.002	3.008	3.008	3.008	3.011	3.011	3.015	3.018
80	1.654	1.658	1.654	1.654	1.654	1.654	1.651	1.651	1.651	1.651
85	0.335	0.338	0.338	0.338	0.338	0.338	0.342	0.342	0.342	0.342
90	0.139	0.139	0.139	0.139	0.139	0.139	0.133	0.133	0.133	0.133
95	0.335	0.338	0.338	0.338	0.338	0.338	0.342	0.342	0.342	0.342
100	1.654	1.658	1.654	1.654	1.654	1.654	1.651	1.651	1.651	1.651
105	2.992	2.999	3.002	3.008	3.008	3.008	3.011	3.011	3.015	3.018
110	4.413	4.416	4.419	4.422	4.422	4.419	4.419	4.416	4.416	4.419
115	6.330	6.336	6.342	6.349	6.352	6.355	6.358	6.361	6.371	6.387
120	8.807	8.822	8.838	8.854	8.911	8.968	9.028	9.085	9.123	9.142
125	10.790	10.822	10.856	10.888	10.951	11.011	11.075	11.135	11.188	11.230
130	11.483	11.498	11.514	11.530	11.562	11.593	11.625	11.657	11.682	11.701
135	12.732	12.738	12.742	12.748	12.742	12.738	12.732	12.729	12.723	12.716
140	26.192	25.714	25.236	24.759	24.408	24.057	23.705	23.354	23.063	22.826
145	126.334	125.351	124.370	123.386	123.427	123.468	123.510	123.551	123.430	123.152
150	297.631	297.359	297.090	296.818	297.789	298.761	299.732	300.703	301.399	301.816

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-S-XX.IES****CANDELA TABULATION - (Cont.)**

155	381.097	380.797	380.496	380.196	380.132	380.069	380.003	379.939	380.047	380.328
160	436.448	435.065	433.680	432.298	430.874	429.447	428.024	426.597	425.990	426.196
165	698.919	695.902	692.884	689.866	682.597	675.325	668.055	660.783	656.706	655.823
170	2140.459	2124.411	2108.364	2092.317	2071.974	2051.634	2031.291	2010.948	1998.795	1994.828
175	6703.134	6686.482	6669.828	6653.176	6647.672	6642.165	6636.661	6631.154	6627.114	6624.539
180	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477	9774.477

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	9774.714	9774.714	9774.714
5	6621.961	6619.386	6616.812
10	1990.862	1986.895	1982.928
15	654.937	654.055	653.169
20	426.401	426.607	426.812
25	380.607	380.888	381.167
30	302.237	302.654	303.072
35	122.877	122.599	122.320
40	22.589	22.352	22.114
45	12.707	12.700	12.694
50	11.717	11.736	11.755
55	11.271	11.312	11.353
60	9.164	9.183	9.202
65	6.402	6.418	6.434
70	4.419	4.422	4.422
75	3.021	3.027	3.030
80	1.654	1.654	1.654
85	0.348	0.348	0.348
90	0.127	0.127	0.127
95	0.348	0.348	0.348
100	1.654	1.654	1.654
105	3.021	3.027	3.030
110	4.419	4.422	4.422
115	6.402	6.418	6.434
120	9.164	9.183	9.202
125	11.271	11.312	11.353
130	11.717	11.736	11.755
135	12.707	12.700	12.694
140	22.589	22.352	22.114
145	122.877	122.599	122.320
150	302.237	302.654	303.072
155	380.607	380.888	381.167
160	426.401	426.607	426.812
165	654.937	654.055	653.169
170	1990.862	1986.895	1982.928
175	6621.968	6619.393	6616.818
180	9774.477	9774.477	9774.477

COEFFICIENTS OF UTILIZATION



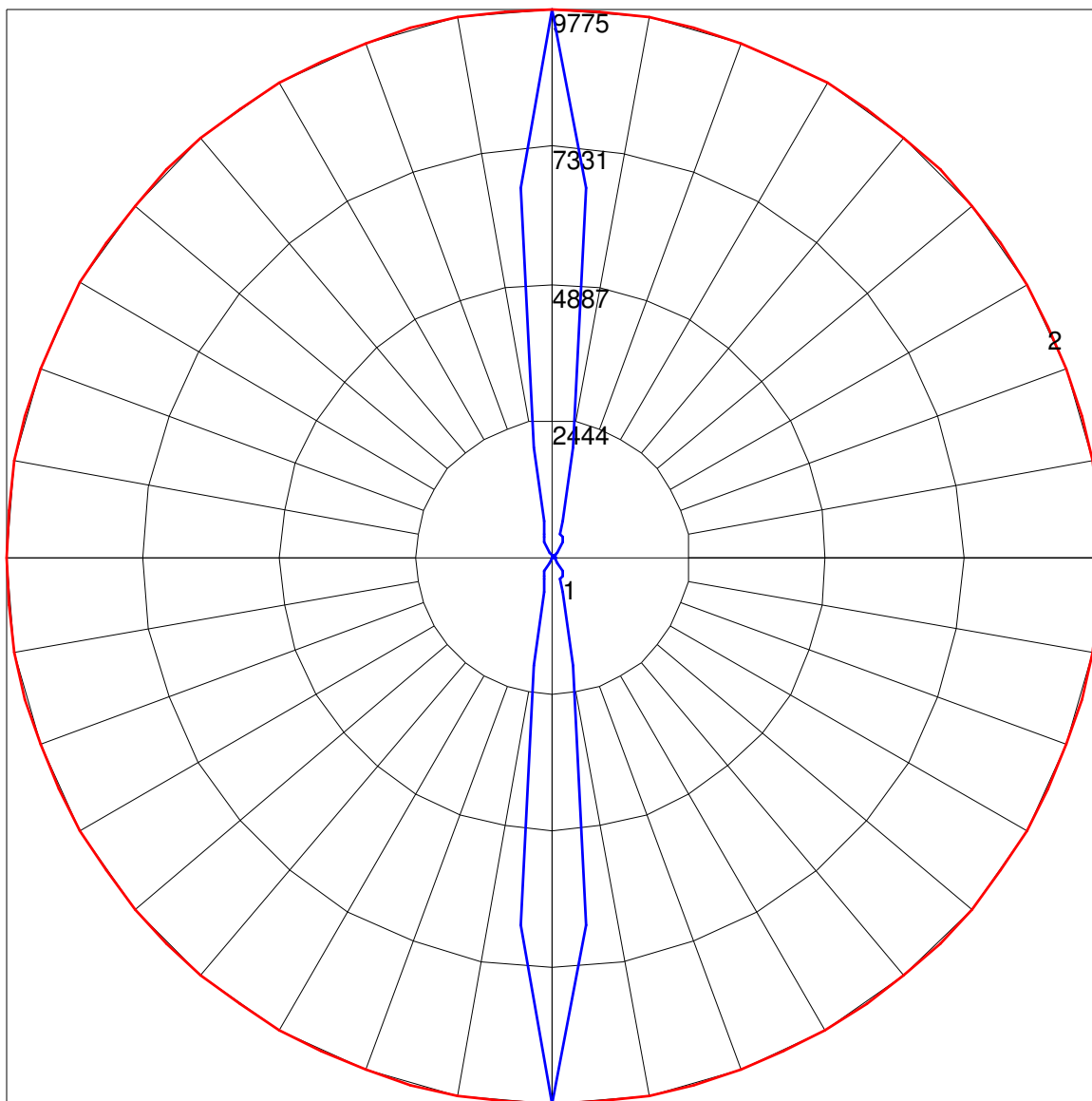
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	528.6	25.0
Downward House Side	528.6	25.0
Downward Total	1057.2	50.0
Upward Street Side	528.6	25.0
Upward House Side	528.6	25.0
Upward Total	1057.2	50.0
Total Flux	2114.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-850U-L10-850D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 9774.714 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

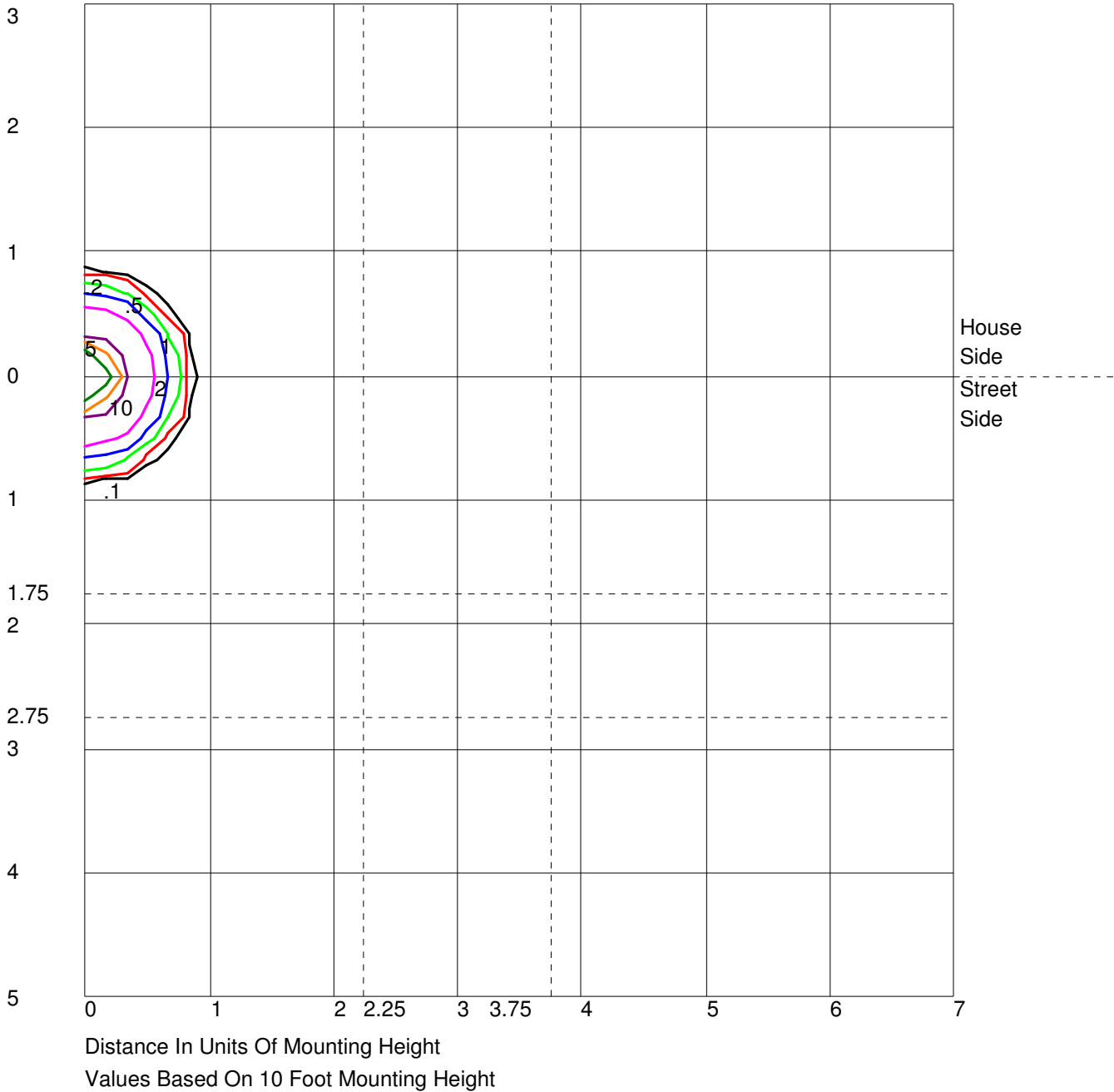


PHOTO LUMENS

