

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V22)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L50-927U-L50-927D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO 22 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	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9516
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	25696.664
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	25696.664
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.656 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.793 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2077.0	N.A.	21.8
FM - Front-Medium (30-60)	277.3	N.A.	2.9
FH - Front-High (60-80)	23.3	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2077.0	N.A.	21.8
BM - Back-Medium (30-60)	277.3	N.A.	2.9
BH - Back-High (60-80)	23.3	N.A.	0.2
BVH - Back-Very High (80-90)	1.6	N.A.	0.0
UL - Uplight-Low (90-100)	3.1	N.A.	0.0
UH - Uplight-High (100-180)	4755.1	N.A.	50.0
Total	9516.6	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414
5	25625.825	25643.527	25661.244	25678.947	25696.664	25670.036	25599.092	25528.149	25457.205	25386.262
10	11017.375	11036.776	11056.177	11075.593	11094.994	11122.904	11159.337	11195.770	11232.203	11268.635
15	3950.068	3949.547	3949.040	3948.519	3947.997	3962.928	3993.296	4023.649	4054.018	4084.386
20	2158.927	2163.189	2167.450	2171.727	2175.989	2181.770	2189.087	2196.403	2203.705	2211.021
25	1783.989	1784.332	1784.674	1785.017	1785.360	1785.419	1785.226	1785.032	1784.823	1784.630
30	1444.172	1441.296	1438.435	1435.559	1432.684	1427.155	1418.975	1410.779	1402.599	1394.403
35	641.770	642.947	644.124	645.301	646.479	647.939	649.697	651.456	653.214	654.972
40	126.226	128.521	130.801	133.095	135.375	138.981	143.899	148.831	153.748	158.666
45	63.225	63.404	63.568	63.746	63.910	64.104	64.327	64.551	64.760	64.983
50	59.261	59.276	59.306	59.321	59.336	59.291	59.172	59.067	58.948	58.829
55	58.203	58.114	58.024	57.950	57.860	57.682	57.399	57.130	56.847	56.579
60	47.132	47.102	47.087	47.057	47.042	46.878	46.580	46.297	45.999	45.701
65	31.665	31.605	31.560	31.501	31.456	31.396	31.322	31.247	31.188	31.113
70	20.608	20.623	20.623	20.638	20.653	20.653	20.653	20.638	20.638	20.638
75	13.709	13.709	13.709	13.724	13.724	13.724	13.724	13.724	13.724	13.724
80	7.599	7.599	7.599	7.599	7.599	7.614	7.629	7.644	7.674	7.689
85	1.550	1.550	1.550	1.565	1.565	1.565	1.565	1.580	1.580	1.580
90	0.507	0.507	0.536	0.536	0.566	0.566	0.566	0.596	0.596	0.596
95	1.550	1.550	1.550	1.565	1.565	1.565	1.565	1.580	1.580	1.580
100	7.599	7.599	7.599	7.599	7.599	7.614	7.629	7.644	7.674	7.689
105	13.709	13.709	13.709	13.724	13.724	13.724	13.724	13.724	13.724	13.724
110	20.608	20.623	20.623	20.638	20.653	20.653	20.653	20.638	20.638	20.638
115	31.665	31.605	31.560	31.501	31.456	31.396	31.322	31.247	31.188	31.113
120	47.132	47.102	47.087	47.057	47.042	46.878	46.580	46.297	45.999	45.701
125	58.203	58.114	58.024	57.950	57.860	57.682	57.399	57.130	56.847	56.579
130	59.261	59.276	59.306	59.321	59.336	59.291	59.172	59.067	58.948	58.829
135	63.225	63.404	63.568	63.746	63.910	64.104	64.327	64.551	64.760	64.983
140	126.226	128.521	130.801	133.095	135.375	138.981	143.899	148.831	153.748	158.666
145	641.770	642.947	644.124	645.301	646.479	647.939	649.697	651.456	653.214	654.972
150	1444.172	1441.296	1438.435	1435.559	1432.684	1427.155	1418.975	1410.779	1402.599	1394.403
155	1783.989	1784.332	1784.674	1785.017	1785.360	1785.419	1785.226	1785.032	1784.823	1784.630
160	2158.927	2163.189	2167.450	2171.727	2175.989	2181.770	2189.087	2196.403	2203.705	2211.021
165	3950.068	3949.547	3949.040	3948.519	3947.997	3962.928	3993.296	4023.649	4054.018	4084.386
170	11017.375	11036.776	11056.177	11075.593	11094.994	11122.904	11159.337	11195.770	11232.203	11268.635
175	25625.825	25643.542	25661.244	25678.962	25696.664	25670.051	25599.107	25528.164	25457.220	25386.262
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414
5	25338.102	25289.942	25241.782	25193.622	25117.925	25014.691	24911.457	24808.223	24704.989	24608.223
10	11306.514	11344.407	11382.285	11420.178	11427.644	11404.681	11381.734	11358.771	11335.824	11358.771
15	4104.845	4125.289	4145.748	4166.207	4174.447	4170.499	4166.550	4162.601	4158.652	4162.601
20	2218.740	2226.443	2234.162	2241.866	2242.656	2236.502	2230.362	2224.208	2218.069	2224.208
25	1785.375	1786.120	1786.850	1787.595	1785.717	1781.232	1776.747	1772.262	1767.777	1772.262
30	1390.633	1386.848	1383.078	1379.308	1375.374	1371.292	1367.224	1363.141	1359.058	1363.141
35	659.815	664.643	669.486	674.329	676.996	677.488	677.979	678.486	678.978	678.486
40	162.495	166.325	170.154	173.984	176.323	177.187	178.052	178.916	179.780	178.916
45	65.326	65.654	65.996	66.339	66.429	66.280	66.116	65.967	65.818	65.967
50	58.889	58.963	59.023	59.097	59.053	58.889	58.725	58.576	58.412	58.576
55	56.519	56.445	56.385	56.311	56.192	55.998	55.819	55.625	55.447	55.625

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CANDELA TABULATION - (Cont.)

60	45.627	45.537	45.463	45.388	45.314	45.269	45.210	45.165	45.105	45.165
65	31.069	31.024	30.979	30.934	30.845	30.681	30.532	30.368	30.219	30.368
70	20.623	20.608	20.593	20.578	20.519	20.429	20.340	20.250	20.161	20.250
75	13.724	13.724	13.739	13.739	13.709	13.649	13.590	13.530	13.470	13.530
80	7.719	7.734	7.778	7.793	7.793	7.763	7.749	7.704	7.689	7.704
85	1.580	1.580	1.580	1.580	1.580	1.565	1.565	1.550	1.550	1.550
90	0.596	0.626	0.626	0.656	0.656	0.626	0.626	0.596	0.596	0.596
95	1.580	1.580	1.580	1.580	1.580	1.565	1.565	1.550	1.550	1.550
100	7.719	7.734	7.778	7.793	7.793	7.763	7.749	7.704	7.689	7.704
105	13.724	13.724	13.739	13.739	13.709	13.649	13.590	13.530	13.470	13.530
110	20.623	20.608	20.593	20.578	20.519	20.429	20.340	20.250	20.161	20.250
115	31.069	31.024	30.979	30.934	30.845	30.681	30.532	30.368	30.219	30.368
120	45.627	45.537	45.463	45.388	45.314	45.269	45.210	45.165	45.105	45.165
125	56.519	56.445	56.385	56.311	56.192	55.998	55.819	55.625	55.447	55.625
130	58.889	58.963	59.023	59.097	59.053	58.889	58.725	58.576	58.412	58.576
135	65.326	65.654	65.996	66.339	66.429	66.280	66.116	65.967	65.818	65.967
140	162.495	166.325	170.154	173.984	176.323	177.187	178.052	178.916	179.780	178.916
145	659.815	664.643	669.486	674.329	676.996	677.488	677.979	678.486	678.978	678.486
150	1390.633	1386.848	1383.078	1379.308	1375.374	1371.292	1367.224	1363.141	1359.058	1363.141
155	1785.375	1786.120	1786.850	1787.595	1785.717	1781.232	1776.747	1772.262	1767.777	1772.262
160	2218.740	2226.443	2234.162	2241.866	2242.656	2236.502	2230.362	2224.208	2218.069	2224.208
165	4104.845	4125.289	4145.748	4166.207	4174.447	4170.499	4166.550	4162.601	4158.652	4162.601
170	11306.514	11344.407	11382.285	11420.178	11427.644	11404.681	11381.734	11358.771	11335.824	11358.771
175	25338.102	25289.942	25241.782	25193.622	25117.925	25014.691	24911.457	24808.223	24704.989	24808.223
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414
5	24911.457	25014.691	25117.925	25193.622	25241.782	25289.942	25338.102	25386.262	25457.205	25528.149
10	11381.734	11404.681	11427.644	11420.178	11382.285	11344.407	11306.514	11268.635	11232.203	11195.770
15	4166.550	4170.499	4174.447	4166.207	4145.748	4125.289	4104.845	4084.386	4054.018	4023.649
20	2230.362	2236.502	2242.656	2241.866	2234.162	2226.443	2218.740	2211.021	2203.705	2196.403
25	1776.747	1781.232	1785.717	1787.595	1786.850	1786.120	1785.375	1784.630	1784.823	1785.032
30	1367.224	1371.292	1375.374	1379.308	1383.078	1386.848	1390.633	1394.403	1402.599	1410.779
35	677.979	677.488	676.996	674.329	669.486	664.643	659.815	654.972	653.214	651.456
40	178.052	177.187	176.323	173.984	170.154	166.325	162.495	158.666	153.748	148.831
45	66.116	66.280	66.429	66.339	65.996	65.654	65.326	64.983	64.760	64.551
50	58.725	58.889	59.053	59.097	59.023	58.963	58.889	58.829	58.948	59.067
55	55.819	55.998	56.192	56.311	56.385	56.445	56.519	56.579	56.847	57.130
60	45.210	45.269	45.314	45.388	45.463	45.537	45.627	45.701	45.999	46.297
65	30.532	30.681	30.845	30.934	30.979	31.024	31.069	31.113	31.188	31.247
70	20.340	20.429	20.519	20.578	20.593	20.608	20.623	20.638	20.638	20.638
75	13.590	13.649	13.709	13.739	13.739	13.724	13.724	13.724	13.724	13.724
80	7.749	7.763	7.793	7.793	7.778	7.734	7.719	7.689	7.674	7.644
85	1.565	1.565	1.580	1.580	1.580	1.580	1.580	1.580	1.580	1.580
90	0.626	0.626	0.656	0.656	0.626	0.626	0.596	0.596	0.596	0.596
95	1.565	1.565	1.580	1.580	1.580	1.580	1.580	1.580	1.580	1.580
100	7.749	7.763	7.793	7.793	7.778	7.734	7.719	7.689	7.674	7.644
105	13.590	13.649	13.709	13.739	13.739	13.724	13.724	13.724	13.724	13.724
110	20.340	20.429	20.519	20.578	20.593	20.608	20.623	20.638	20.638	20.638
115	30.532	30.681	30.845	30.934	30.979	31.024	31.069	31.113	31.188	31.247
120	45.210	45.269	45.314	45.388	45.463	45.537	45.627	45.701	45.999	46.297
125	55.819	55.998	56.192	56.311	56.385	56.445	56.519	56.579	56.847	57.130
130	58.725	58.889	59.053	59.097	59.023	58.963	58.889	58.829	58.948	59.067

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CANDELA TABULATION - (Cont.)

135	66.116	66.280	66.429	66.339	65.996	65.654	65.326	64.983	64.760	64.551
140	178.052	177.187	176.323	173.984	170.154	166.325	162.495	158.666	153.748	148.831
145	677.979	677.488	676.996	674.329	669.486	664.643	659.815	654.972	653.214	651.456
150	1367.224	1371.292	1375.374	1379.308	1383.078	1386.848	1390.633	1394.403	1402.599	1410.779
155	1776.747	1781.232	1785.717	1787.595	1786.850	1786.120	1785.375	1784.630	1784.823	1785.032
160	2230.362	2236.502	2242.656	2241.866	2234.162	2226.443	2218.740	2211.021	2203.705	2196.403
165	4166.550	4170.499	4174.447	4166.207	4145.748	4125.289	4104.845	4084.386	4054.018	4023.649
170	11381.734	11404.681	11427.644	11420.178	11382.285	11344.407	11306.514	11268.635	11232.203	11195.770
175	24911.457	25014.691	25117.925	25193.622	25241.782	25289.942	25338.102	25386.262	25457.220	25528.164
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

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	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414
5	25599.092	25670.036	25696.664	25678.947	25661.244	25643.527	25625.825	25643.527	25661.244	25678.947
10	11159.337	11122.904	11094.994	11075.593	11056.177	11036.776	11017.375	11036.776	11056.177	11075.593
15	3993.296	3962.928	3947.997	3948.519	3949.040	3949.547	3950.068	3949.547	3949.040	3948.519
20	2189.087	2181.770	2175.989	2171.727	2167.450	2163.189	2158.927	2163.189	2167.450	2171.727
25	1785.226	1785.419	1785.360	1785.017	1784.674	1784.332	1783.989	1784.332	1784.674	1785.017
30	1418.975	1427.155	1432.684	1435.559	1438.435	1441.296	1444.172	1441.296	1438.435	1435.559
35	649.697	647.939	646.479	645.301	644.124	642.947	641.770	642.947	644.124	645.301
40	143.899	138.981	135.375	133.095	130.801	128.521	126.226	128.521	130.801	133.095
45	64.327	64.104	63.910	63.746	63.568	63.404	63.225	63.404	63.568	63.746
50	59.172	59.291	59.336	59.321	59.306	59.276	59.261	59.276	59.306	59.321
55	57.399	57.682	57.860	57.950	58.024	58.114	58.203	58.114	58.024	57.950
60	46.580	46.878	47.042	47.057	47.087	47.102	47.132	47.102	47.087	47.057
65	31.322	31.396	31.456	31.501	31.560	31.605	31.665	31.605	31.560	31.501
70	20.653	20.653	20.653	20.638	20.623	20.623	20.608	20.623	20.623	20.638
75	13.724	13.724	13.724	13.724	13.709	13.709	13.709	13.709	13.709	13.724
80	7.629	7.614	7.599	7.599	7.599	7.599	7.599	7.599	7.599	7.599
85	1.565	1.565	1.565	1.565	1.550	1.550	1.550	1.550	1.550	1.565
90	0.566	0.566	0.566	0.536	0.536	0.507	0.507	0.507	0.536	0.536
95	1.565	1.565	1.565	1.565	1.550	1.550	1.550	1.550	1.550	1.565
100	7.629	7.614	7.599	7.599	7.599	7.599	7.599	7.599	7.599	7.599
105	13.724	13.724	13.724	13.724	13.709	13.709	13.709	13.709	13.709	13.724
110	20.653	20.653	20.653	20.638	20.623	20.623	20.608	20.623	20.623	20.638
115	31.322	31.396	31.456	31.501	31.560	31.605	31.665	31.605	31.560	31.501
120	46.580	46.878	47.042	47.057	47.087	47.102	47.132	47.102	47.087	47.057
125	57.399	57.682	57.860	57.950	58.024	58.114	58.203	58.114	58.024	57.950
130	59.172	59.291	59.336	59.321	59.306	59.276	59.261	59.276	59.306	59.321
135	64.327	64.104	63.910	63.746	63.568	63.404	63.225	63.404	63.568	63.746
140	143.899	138.981	135.375	133.095	130.801	128.521	126.226	128.521	130.801	133.095
145	649.697	647.939	646.479	645.301	644.124	642.947	641.770	642.947	644.124	645.301
150	1418.975	1427.155	1432.684	1435.559	1438.435	1441.296	1444.172	1441.296	1438.435	1435.559
155	1785.226	1785.419	1785.360	1785.017	1784.674	1784.332	1783.989	1784.332	1784.674	1785.017
160	2189.087	2181.770	2175.989	2171.727	2167.450	2163.189	2158.927	2163.189	2167.450	2171.727
165	3993.296	3962.928	3947.997	3948.519	3949.040	3949.547	3950.068	3949.547	3949.040	3948.519
170	11159.337	11122.904	11094.994	11075.593	11056.177	11036.776	11017.375	11036.776	11056.177	11075.593
175	25599.107	25670.051	25696.664	25678.962	25661.244	25643.542	25625.825	25643.542	25661.244	25678.962
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

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	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	25696.66425670.03625599.09225528.14925457.20525386.26225338.10225289.94225241.78225193.622
10	11094.99411122.90411159.33711195.77011232.20311268.63511306.51411344.40711382.28511420.178
15	3947.997 3962.928 3993.296 4023.649 4054.018 4084.386 4104.845 4125.289 4145.748 4166.207
20	2175.989 2181.770 2189.087 2196.403 2203.705 2211.021 2218.740 2226.443 2234.162 2241.866
25	1785.360 1785.419 1785.226 1785.032 1784.823 1784.630 1785.375 1786.120 1786.850 1787.595
30	1432.684 1427.155 1418.975 1410.779 1402.599 1394.403 1390.633 1386.848 1383.078 1379.308
35	646.479 647.939 649.697 651.456 653.214 654.972 659.815 664.643 669.486 674.329
40	135.375 138.981 143.899 148.831 153.748 158.666 162.495 166.325 170.154 173.984
45	63.910 64.104 64.327 64.551 64.760 64.983 65.326 65.654 65.996 66.339
50	59.336 59.291 59.172 59.067 58.948 58.829 58.889 58.963 59.023 59.097
55	57.860 57.682 57.399 57.130 56.847 56.579 56.519 56.445 56.385 56.311
60	47.042 46.878 46.580 46.297 45.999 45.701 45.627 45.537 45.463 45.388
65	31.456 31.396 31.322 31.247 31.188 31.113 31.069 31.024 30.979 30.934
70	20.653 20.653 20.653 20.638 20.638 20.638 20.623 20.608 20.593 20.578
75	13.724 13.724 13.724 13.724 13.724 13.724 13.724 13.724 13.739 13.739
80	7.599 7.614 7.629 7.644 7.674 7.689 7.719 7.734 7.778 7.793
85	1.565 1.565 1.565 1.580 1.580 1.580 1.580 1.580 1.580 1.580
90	0.566 0.566 0.566 0.596 0.596 0.596 0.596 0.626 0.626 0.656
95	1.565 1.565 1.565 1.580 1.580 1.580 1.580 1.580 1.580 1.580
100	7.599 7.614 7.629 7.644 7.674 7.689 7.719 7.734 7.778 7.793
105	13.724 13.724 13.724 13.724 13.724 13.724 13.724 13.724 13.739 13.739
110	20.653 20.653 20.653 20.638 20.638 20.638 20.623 20.608 20.593 20.578
115	31.456 31.396 31.322 31.247 31.188 31.113 31.069 31.024 30.979 30.934
120	47.042 46.878 46.580 46.297 45.999 45.701 45.627 45.537 45.463 45.388
125	57.860 57.682 57.399 57.130 56.847 56.579 56.519 56.445 56.385 56.311
130	59.336 59.291 59.172 59.067 58.948 58.829 58.889 58.963 59.023 59.097
135	63.910 64.104 64.327 64.551 64.760 64.983 65.326 65.654 65.996 66.339
140	135.375 138.981 143.899 148.831 153.748 158.666 162.495 166.325 170.154 173.984
145	646.479 647.939 649.697 651.456 653.214 654.972 659.815 664.643 669.486 674.329
150	1432.684 1427.155 1418.975 1410.779 1402.599 1394.403 1390.633 1386.848 1383.078 1379.308
155	1785.360 1785.419 1785.226 1785.032 1784.823 1784.630 1785.375 1786.120 1786.850 1787.595
160	2175.989 2181.770 2189.087 2196.403 2203.705 2211.021 2218.740 2226.443 2234.162 2241.866
165	3947.997 3962.928 3993.296 4023.649 4054.018 4084.386 4104.845 4125.289 4145.748 4166.207
170	11094.99411122.90411159.33711195.77011232.20311268.63511306.51411344.40711382.28511420.178
175	25696.66425670.05125599.10725528.16425457.22025386.26225338.10225289.94225241.78225193.622
180	24664.08624664.08624664.08624664.08624664.08624664.08624664.08624664.08624664.08624664.086

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	24664.41424664.41424664.41424664.41424664.41424664.41424664.41424664.41424664.414									
5	25117.92525014.69124911.45724808.22324704.98924808.22324911.45725014.69125117.92525193.622									
10	11427.64411404.68111381.73411358.77111335.82411358.77111381.73411404.68111427.64411420.178									
15	4174.447 4170.499 4166.550 4162.601 4158.652 4162.601 4166.550 4170.499 4174.447 4166.207									
20	2242.656 2236.502 2230.362 2224.208 2218.069 2224.208 2230.362 2236.502 2242.656 2241.866									
25	1785.717 1781.232 1776.747 1772.262 1767.777 1772.262 1776.747 1781.232 1785.717 1787.595									
30	1375.374 1371.292 1367.224 1363.141 1359.058 1363.141 1367.224 1371.292 1375.374 1379.308									
35	676.996 677.488 677.979 678.486 678.978 678.486 677.979 677.488 676.996 674.329									
40	176.323 177.187 178.052 178.916 179.780 178.916 178.052 177.187 176.323 173.984									
45	66.429 66.280 66.116 65.967 65.818 65.967 66.116 66.280 66.429 66.339									
50	59.053 58.889 58.725 58.576 58.412 58.576 58.725 58.889 59.053 59.097									
55	56.192 55.998 55.819 55.625 55.447 55.625 55.819 55.998 56.192 56.311									
60	45.314 45.269 45.210 45.165 45.105 45.165 45.210 45.269 45.314 45.388									
65	30.845 30.681 30.532 30.368 30.219 30.368 30.532 30.681 30.845 30.934									
70	20.519 20.429 20.340 20.250 20.161 20.250 20.340 20.429 20.519 20.578									
75	13.709 13.649 13.590 13.530 13.470 13.530 13.590 13.649 13.709 13.739									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	7.793	7.763	7.749	7.704	7.689	7.704	7.749	7.763	7.793	7.793
85	1.580	1.565	1.565	1.550	1.550	1.550	1.565	1.565	1.580	1.580
90	0.656	0.626	0.626	0.596	0.596	0.596	0.626	0.626	0.656	0.656
95	1.580	1.565	1.565	1.550	1.550	1.550	1.565	1.565	1.580	1.580
100	7.793	7.763	7.749	7.704	7.689	7.704	7.749	7.763	7.793	7.793
105	13.709	13.649	13.590	13.530	13.470	13.530	13.590	13.649	13.709	13.739
110	20.519	20.429	20.340	20.250	20.161	20.250	20.340	20.429	20.519	20.578
115	30.845	30.681	30.532	30.368	30.219	30.368	30.532	30.681	30.845	30.934
120	45.314	45.269	45.210	45.165	45.105	45.165	45.210	45.269	45.314	45.388
125	56.192	55.998	55.819	55.625	55.447	55.625	55.819	55.998	56.192	56.311
130	59.053	58.889	58.725	58.576	58.412	58.576	58.725	58.889	59.053	59.097
135	66.429	66.280	66.116	65.967	65.818	65.967	66.116	66.280	66.429	66.339
140	176.323	177.187	178.052	178.916	179.780	178.916	178.052	177.187	176.323	173.984
145	676.996	677.488	677.979	678.486	678.978	678.486	677.979	677.488	676.996	674.329
150	1375.374	1371.292	1367.224	1363.141	1359.058	1363.141	1367.224	1371.292	1375.374	1379.308
155	1785.717	1781.232	1776.747	1772.262	1767.777	1772.262	1776.747	1781.232	1785.717	1787.595
160	2242.656	2236.502	2230.362	2224.208	2218.069	2224.208	2230.362	2236.502	2242.656	2241.866
165	4174.447	4170.499	4166.550	4162.601	4158.652	4162.601	4166.550	4170.499	4174.447	4166.207
170	11427.644	11404.681	11381.734	11358.771	11335.824	11358.771	11381.734	11404.681	11427.644	11420.178
175	25117.925	25014.691	24911.457	24808.223	24704.989	24808.223	24911.457	25014.691	25117.925	25193.622
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

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	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414	24664.414
5	25241.782	25289.942	25338.102	25386.262	25457.205	25528.149	25599.092	25670.036	25696.664	25678.947
10	11382.285	11344.407	11306.514	11268.635	11232.203	11195.770	11159.337	11122.904	11094.994	11075.593
15	4145.748	4125.289	4104.845	4084.386	4054.018	4023.649	3993.296	3962.928	3947.997	3948.519
20	2234.162	2226.443	2218.740	2211.021	2203.705	2196.403	2189.087	2181.770	2175.989	2171.727
25	1786.850	1786.120	1785.375	1784.630	1784.823	1785.032	1785.226	1785.419	1785.360	1785.017
30	1383.078	1386.848	1390.633	1394.403	1402.599	1410.779	1418.975	1427.155	1432.684	1435.559
35	669.486	664.643	659.815	654.972	653.214	651.456	649.697	647.939	646.479	645.301
40	170.154	166.325	162.495	158.666	153.748	148.831	143.899	138.981	135.375	133.095
45	65.996	65.654	65.326	64.983	64.760	64.551	64.327	64.104	63.910	63.746
50	59.023	58.963	58.889	58.829	58.948	59.067	59.172	59.291	59.336	59.321
55	56.385	56.445	56.519	56.579	56.847	57.130	57.399	57.682	57.860	57.950
60	45.463	45.537	45.627	45.701	45.999	46.297	46.580	46.878	47.042	47.057
65	30.979	31.024	31.069	31.113	31.188	31.247	31.322	31.396	31.456	31.501
70	20.593	20.608	20.623	20.638	20.638	20.638	20.653	20.653	20.653	20.638
75	13.739	13.724	13.724	13.724	13.724	13.724	13.724	13.724	13.724	13.724
80	7.778	7.734	7.719	7.689	7.674	7.644	7.629	7.614	7.599	7.599
85	1.580	1.580	1.580	1.580	1.580	1.580	1.565	1.565	1.565	1.565
90	0.626	0.626	0.596	0.596	0.596	0.596	0.566	0.566	0.566	0.536
95	1.580	1.580	1.580	1.580	1.580	1.580	1.565	1.565	1.565	1.565
100	7.778	7.734	7.719	7.689	7.674	7.644	7.629	7.614	7.599	7.599
105	13.739	13.724	13.724	13.724	13.724	13.724	13.724	13.724	13.724	13.724
110	20.593	20.608	20.623	20.638	20.638	20.638	20.653	20.653	20.653	20.638
115	30.979	31.024	31.069	31.113	31.188	31.247	31.322	31.396	31.456	31.501
120	45.463	45.537	45.627	45.701	45.999	46.297	46.580	46.878	47.042	47.057
125	56.385	56.445	56.519	56.579	56.847	57.130	57.399	57.682	57.860	57.950
130	59.023	58.963	58.889	58.829	58.948	59.067	59.172	59.291	59.336	59.321
135	65.996	65.654	65.326	64.983	64.760	64.551	64.327	64.104	63.910	63.746
140	170.154	166.325	162.495	158.666	153.748	148.831	143.899	138.981	135.375	133.095
145	669.486	664.643	659.815	654.972	653.214	651.456	649.697	647.939	646.479	645.301
150	1383.078	1386.848	1390.633	1394.403	1402.599	1410.779	1418.975	1427.155	1432.684	1435.559

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES

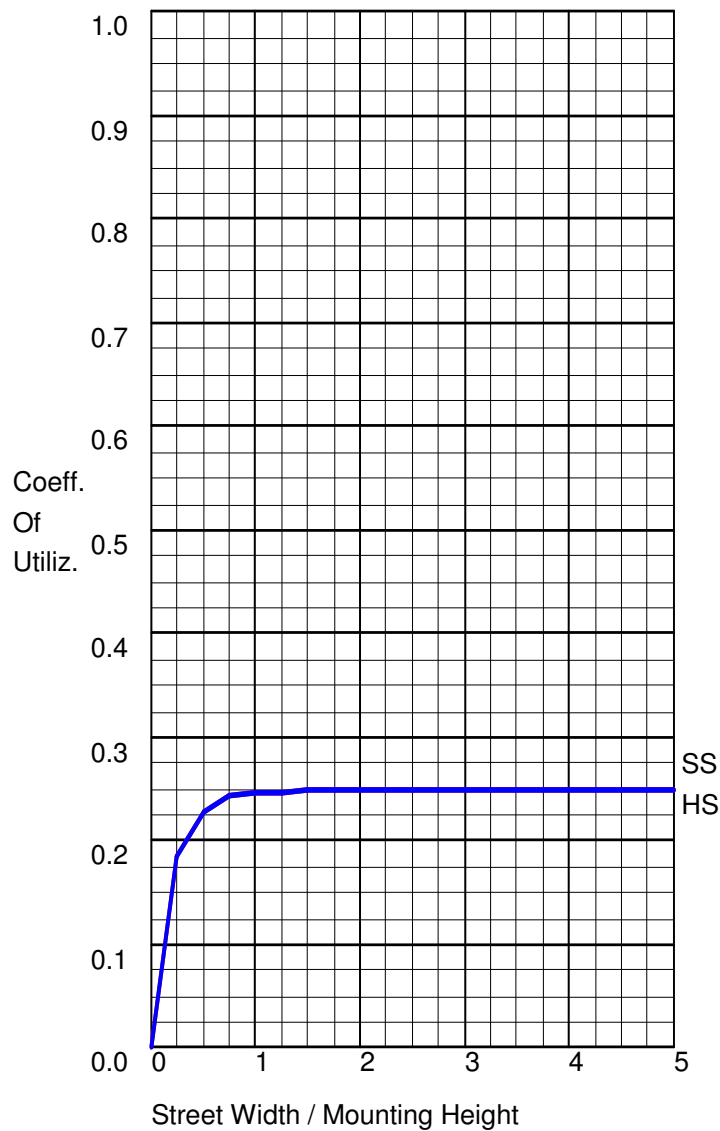
CANDELA TABULATION - (Cont.)

155	1786.850	1786.120	1785.375	1784.630	1784.823	1785.032	1785.226	1785.419	1785.360	1785.017
160	2234.162	2226.443	2218.740	2211.021	2203.705	2196.403	2189.087	2181.770	2175.989	2171.727
165	4145.748	4125.289	4104.845	4084.386	4054.018	4023.649	3993.296	3962.928	3947.997	3948.519
170	11382.285	11344.407	11306.514	11268.635	11232.203	11195.770	11159.337	11122.904	11094.994	11075.593
175	25241.782	25289.942	25338.102	25386.262	25457.220	25528.164	25599.107	25670.051	25696.664	25678.962
180	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086	24664.086

Vert. Horizontal Angles

	350	355	360
0	24664.414	24664.414	24664.414
5	25661.244	25643.527	25625.825
10	11056.177	11036.776	11017.375
15	3949.040	3949.547	3950.068
20	2167.450	2163.189	2158.927
25	1784.674	1784.332	1783.989
30	1438.435	1441.296	1444.172
35	644.124	642.947	641.770
40	130.801	128.521	126.226
45	63.568	63.404	63.225
50	59.306	59.276	59.261
55	58.024	58.114	58.203
60	47.087	47.102	47.132
65	31.560	31.605	31.665
70	20.623	20.623	20.608
75	13.709	13.709	13.709
80	7.599	7.599	7.599
85	1.550	1.550	1.550
90	0.536	0.507	0.507
95	1.550	1.550	1.550
100	7.599	7.599	7.599
105	13.709	13.709	13.709
110	20.623	20.623	20.608
115	31.560	31.605	31.665
120	47.087	47.102	47.132
125	58.024	58.114	58.203
130	59.306	59.276	59.261
135	63.568	63.404	63.225
140	130.801	128.521	126.226
145	644.124	642.947	641.770
150	1438.435	1441.296	1444.172
155	1784.674	1784.332	1783.989
160	2167.450	2163.189	2158.927
165	3949.040	3949.547	3950.068
170	11056.177	11036.776	11017.375
175	25661.244	25643.542	25625.825
180	24664.086	24664.086	24664.086

COEFFICIENTS OF UTILIZATION



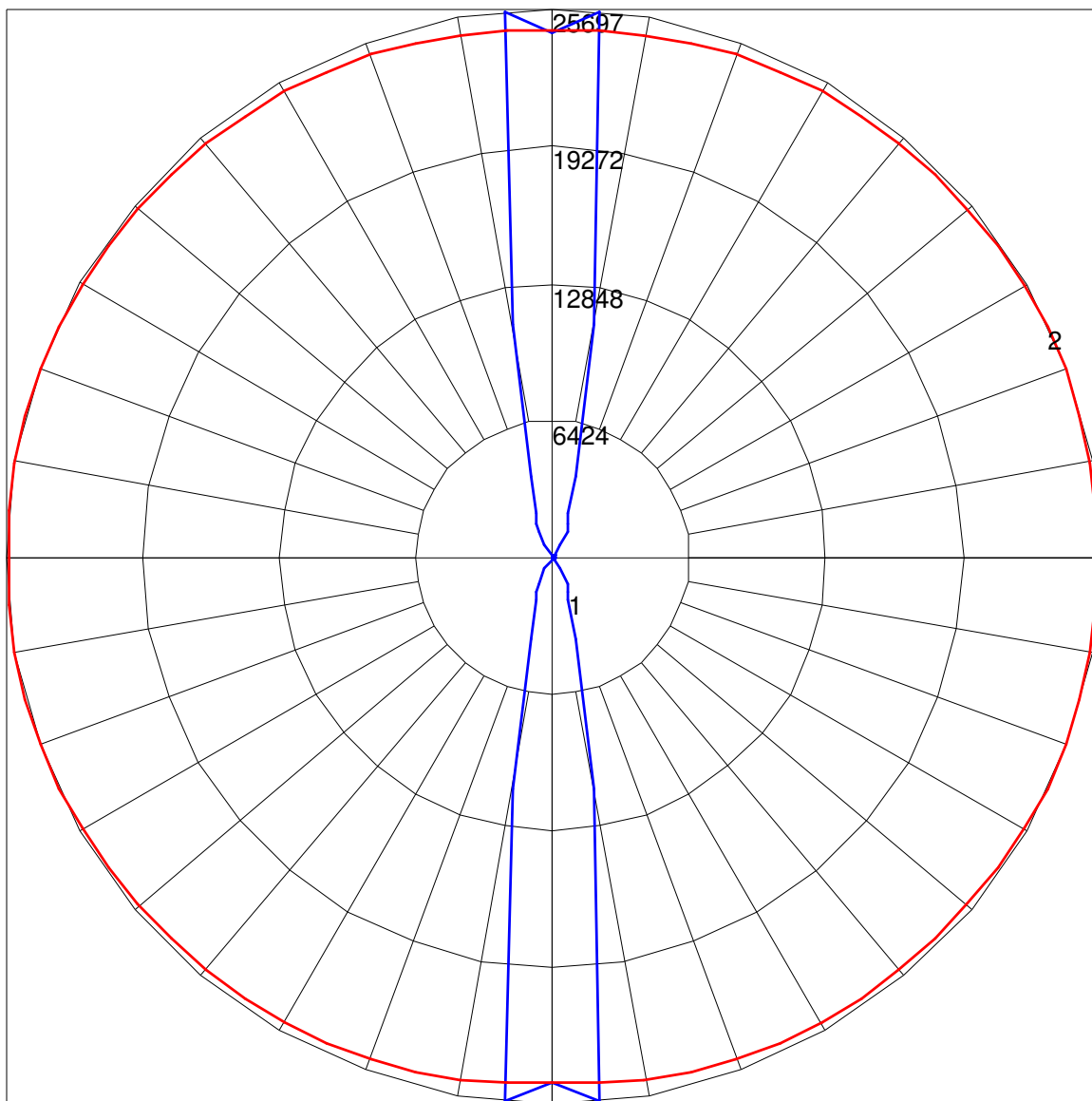
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2379.1	25.0
Downward House Side	2379.1	25.0
Downward Total	4758.2	50.0
Upward Street Side	2379.1	25.0
Upward House Side	2379.1	25.0
Upward Total	4758.2	50.0
Total Flux	9516.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 25696.664 Located At Horizontal Angle = 340, Vertical Angle = 175

1 - Vertical Plane Through Horizontal Angles (340 - 160) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (175) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

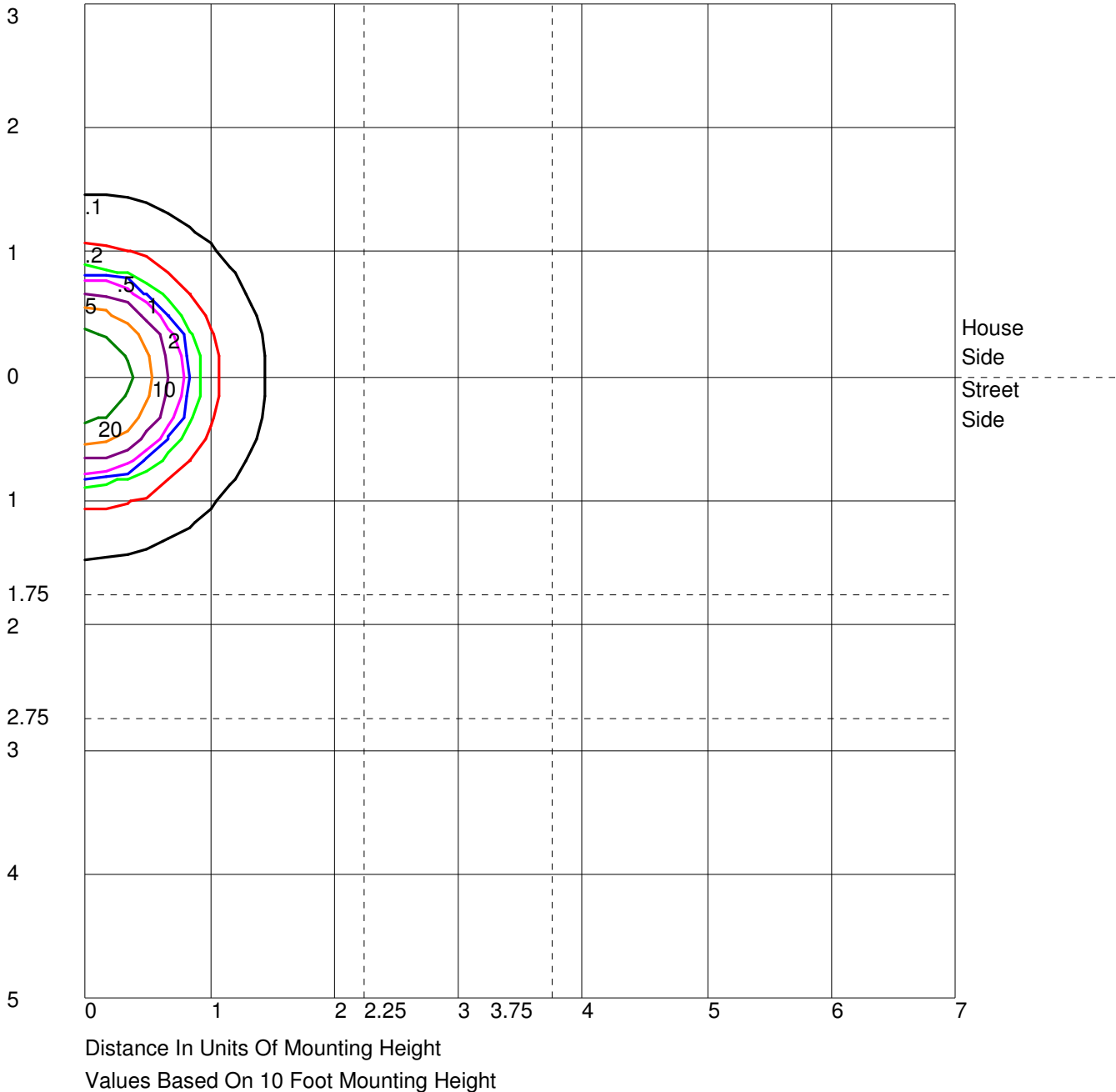


PHOTO LUMENS

