

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-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-L50-827U-L50-827D-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	10028
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27078.208
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	27078.208
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.691 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.212 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2188.7	N.A.	21.8
FM - Front-Medium (30-60)	292.2	N.A.	2.9
FH - Front-High (60-80)	24.5	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2188.7	N.A.	21.8
BM - Back-Medium (30-60)	292.2	N.A.	2.9
BH - Back-High (60-80)	24.5	N.A.	0.2
BVH - Back-Very High (80-90)	1.6	N.A.	0.0
UL - Uplight-Low (90-100)	3.3	N.A.	0.0
UH - Uplight-High (100-180)	5010.7	N.A.	50.0
Total	10028.0	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	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461
5	27003.561	27022.215	27040.884	27059.539	27078.208	27050.149	26975.391	26900.633	26825.876	26751.118
10	11609.709	11630.153	11650.597	11671.057	11691.501	11720.911	11759.303	11797.694	11836.086	11874.477
15	4162.438	4161.889	4161.355	4160.805	4160.256	4175.989	4207.990	4239.975	4271.976	4303.977
20	2274.999	2279.490	2283.980	2288.487	2292.978	2299.070	2306.780	2314.490	2322.184	2329.893
25	1879.902	1880.264	1880.625	1880.986	1881.347	1881.410	1881.206	1881.002	1880.782	1880.578
30	1521.816	1518.786	1515.771	1512.740	1509.710	1503.884	1495.264	1486.628	1478.007	1469.371
35	676.274	677.514	678.755	679.995	681.236	682.774	684.627	686.480	688.333	690.186
40	133.012	135.431	137.833	140.251	142.654	146.453	151.635	156.833	162.014	167.196
45	66.624	66.812	66.985	67.174	67.346	67.550	67.786	68.021	68.241	68.477
50	62.447	62.463	62.494	62.510	62.526	62.479	62.353	62.243	62.118	61.992
55	61.332	61.238	61.144	61.065	60.971	60.783	60.484	60.202	59.904	59.621
60	49.666	49.634	49.619	49.587	49.572	49.399	49.085	48.786	48.472	48.158
65	33.367	33.304	33.257	33.194	33.147	33.084	33.006	32.927	32.864	32.786
70	21.716	21.732	21.732	21.747	21.763	21.763	21.763	21.747	21.747	21.747
75	14.446	14.446	14.446	14.462	14.462	14.462	14.462	14.462	14.462	14.462
80	8.008	8.008	8.008	8.008	8.008	8.024	8.039	8.055	8.087	8.102
85	1.633	1.633	1.633	1.649	1.649	1.649	1.649	1.664	1.664	1.664
90	0.534	0.534	0.565	0.565	0.597	0.597	0.597	0.628	0.628	0.628
95	1.633	1.633	1.633	1.649	1.649	1.649	1.649	1.664	1.664	1.664
100	8.008	8.008	8.008	8.008	8.008	8.024	8.039	8.055	8.087	8.102
105	14.446	14.446	14.446	14.462	14.462	14.462	14.462	14.462	14.462	14.462
110	21.716	21.732	21.732	21.747	21.763	21.763	21.763	21.747	21.747	21.747
115	33.367	33.304	33.257	33.194	33.147	33.084	33.006	32.927	32.864	32.786
120	49.666	49.634	49.619	49.587	49.572	49.399	49.085	48.786	48.472	48.158
125	61.332	61.238	61.144	61.065	60.971	60.783	60.484	60.202	59.904	59.621
130	62.447	62.463	62.494	62.510	62.526	62.479	62.353	62.243	62.118	61.992
135	66.624	66.812	66.985	67.174	67.346	67.550	67.786	68.021	68.241	68.477
140	133.012	135.431	137.833	140.251	142.654	146.453	151.635	156.833	162.014	167.196
145	676.274	677.514	678.755	679.995	681.236	682.774	684.627	686.480	688.333	690.186
150	1521.816	1518.786	1515.771	1512.740	1509.710	1503.884	1495.264	1486.628	1478.007	1469.371
155	1879.902	1880.264	1880.625	1880.986	1881.347	1881.410	1881.206	1881.002	1880.782	1880.578
160	2274.999	2279.490	2283.980	2288.487	2292.978	2299.070	2306.780	2314.490	2322.184	2329.893
165	4162.438	4161.889	4161.355	4160.805	4160.256	4175.989	4207.990	4239.975	4271.976	4303.977
170	11609.709	11630.153	11650.597	11671.057	11691.501	11720.911	11759.303	11797.694	11836.086	11874.477
175	27003.561	27022.230	27040.884	27059.554	27078.208	27050.164	26975.407	26900.649	26825.891	26751.118
180	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461
5	26700.369	26649.619	26598.870	26548.121	26468.354	26359.570	26250.786	26142.002	26033.218	25924.434
10	11914.392	11954.323	11994.237	12034.168	12042.035	12017.838	11993.656	11969.459	11945.278	11921.096
15	4325.536	4347.079	4368.638	4390.197	4398.880	4394.719	4390.558	4386.397	4382.236	4378.075
20	2338.027	2346.145	2354.279	2362.397	2363.229	2356.744	2350.275	2343.790	2337.320	2330.849
25	1881.363	1882.148	1882.917	1883.702	1881.724	1876.998	1872.271	1867.545	1862.819	1858.092
30	1465.398	1461.410	1457.437	1453.465	1449.320	1445.017	1440.730	1436.428	1432.126	1427.824
35	695.289	700.376	705.480	710.583	713.394	713.912	714.430	714.964	715.482	715.999
40	171.231	175.267	179.302	183.338	185.803	186.714	187.624	188.535	189.446	190.356
45	68.838	69.183	69.545	69.906	70.000	69.843	69.670	69.513	69.356	69.198
50	62.055	62.133	62.196	62.275	62.227	62.055	61.882	61.725	61.552	61.379
55	59.558	59.480	59.417	59.338	59.213	59.008	58.820	58.616	58.428	58.239

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CANDELA TABULATION - (Cont.)

60	48.080	47.986	47.907	47.829	47.750	47.703	47.640	47.593	47.530	47.593
65	32.739	32.692	32.645	32.598	32.503	32.331	32.174	32.001	31.844	32.001
70	21.732	21.716	21.700	21.685	21.622	21.528	21.433	21.339	21.245	21.339
75	14.462	14.462	14.477	14.477	14.446	14.383	14.320	14.258	14.195	14.258
80	8.134	8.149	8.196	8.212	8.212	8.181	8.165	8.118	8.102	8.118
85	1.664	1.664	1.664	1.664	1.664	1.649	1.649	1.633	1.633	1.633
90	0.628	0.659	0.659	0.691	0.691	0.659	0.659	0.628	0.628	0.628
95	1.664	1.664	1.664	1.664	1.664	1.649	1.649	1.633	1.633	1.633
100	8.134	8.149	8.196	8.212	8.212	8.181	8.165	8.118	8.102	8.118
105	14.462	14.462	14.477	14.477	14.446	14.383	14.320	14.258	14.195	14.258
110	21.732	21.716	21.700	21.685	21.622	21.528	21.433	21.339	21.245	21.339
115	32.739	32.692	32.645	32.598	32.503	32.331	32.174	32.001	31.844	32.001
120	48.080	47.986	47.907	47.829	47.750	47.703	47.640	47.593	47.530	47.593
125	59.558	59.480	59.417	59.338	59.213	59.008	58.820	58.616	58.428	58.616
130	62.055	62.133	62.196	62.275	62.227	62.055	61.882	61.725	61.552	61.725
135	68.838	69.183	69.545	69.906	70.000	69.843	69.670	69.513	69.356	69.513
140	171.231	175.267	179.302	183.338	185.803	186.714	187.624	188.535	189.446	188.535
145	695.289	700.376	705.480	710.583	713.394	713.912	714.430	714.964	715.482	714.964
150	1465.398	1461.410	1457.437	1453.465	1449.320	1445.017	1440.730	1436.428	1432.126	1436.428
155	1881.363	1882.148	1882.917	1883.702	1881.724	1876.998	1872.271	1867.545	1862.819	1867.545
160	2338.027	2346.145	2354.279	2362.397	2363.229	2356.744	2350.275	2343.790	2337.320	2343.790
165	4325.536	4347.079	4368.638	4390.197	4398.880	4394.719	4390.558	4386.397	4382.236	4386.397
170	11914.392	11954.323	11994.237	12034.168	12042.035	12017.838	11993.656	11969.459	11945.278	11969.459
175	26700.369	26649.619	26598.870	26548.121	26468.354	26359.570	26250.786	26142.002	26033.218	26142.002
180	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116	25990.116

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461
5	26250.786	26359.570	26468.354	26548.121	26598.870	26649.619	26700.369	26751.118	26825.876	26900.633
10	11993.656	12017.838	12042.035	12034.168	11994.237	11954.323	11914.392	11874.477	11836.086	11797.694
15	4390.558	4394.719	4398.880	4390.197	4368.638	4347.079	4325.536	4303.977	4271.976	4239.975
20	2350.275	2356.744	2363.229	2362.397	2354.279	2346.145	2338.027	2329.893	2322.184	2314.490
25	1872.271	1876.998	1881.724	1883.702	1882.917	1882.148	1881.363	1880.578	1880.782	1881.002
30	1440.730	1445.017	1449.320	1453.465	1457.437	1461.410	1465.398	1469.371	1478.007	1486.628
35	714.430	713.912	713.394	710.583	705.480	700.376	695.289	690.186	688.333	686.480
40	187.624	186.714	185.803	183.338	179.302	175.267	171.231	167.196	162.014	156.833
45	69.670	69.843	70.000	69.906	69.545	69.183	68.838	68.477	68.241	68.021
50	61.882	62.055	62.227	62.275	62.196	62.133	62.055	61.992	62.118	62.243
55	58.820	59.008	59.213	59.338	59.417	59.480	59.558	59.621	59.904	60.202
60	47.640	47.703	47.750	47.829	47.907	47.986	48.080	48.158	48.472	48.786
65	32.174	32.331	32.503	32.598	32.645	32.692	32.739	32.786	32.864	32.927
70	21.433	21.528	21.622	21.685	21.700	21.716	21.732	21.747	21.747	21.747
75	14.320	14.383	14.446	14.477	14.477	14.462	14.462	14.462	14.462	14.462
80	8.165	8.181	8.212	8.212	8.196	8.149	8.134	8.102	8.087	8.055
85	1.649	1.649	1.664	1.664	1.664	1.664	1.664	1.664	1.664	1.664
90	0.659	0.659	0.691	0.691	0.659	0.659	0.628	0.628	0.628	0.628
95	1.649	1.649	1.664	1.664	1.664	1.664	1.664	1.664	1.664	1.664
100	8.165	8.181	8.212	8.212	8.196	8.149	8.134	8.102	8.087	8.055
105	14.320	14.383	14.446	14.477	14.477	14.462	14.462	14.462	14.462	14.462
110	21.433	21.528	21.622	21.685	21.700	21.716	21.732	21.747	21.747	21.747
115	32.174	32.331	32.503	32.598	32.645	32.692	32.739	32.786	32.864	32.927
120	47.640	47.703	47.750	47.829	47.907	47.986	48.080	48.158	48.472	48.786
125	58.820	59.008	59.213	59.338	59.417	59.480	59.558	59.621	59.904	60.202
130	61.882	62.055	62.227	62.275	62.196	62.133	62.055	61.992	62.118	62.243

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CANDELA TABULATION - (Cont.)

135	69.670	69.843	70.000	69.906	69.545	69.183	68.838	68.477	68.241	68.021
140	187.624	186.714	185.803	183.338	179.302	175.267	171.231	167.196	162.014	156.833
145	714.430	713.912	713.394	710.583	705.480	700.376	695.289	690.186	688.333	686.480
150	1440.730	1445.017	1449.320	1453.465	1457.437	1461.410	1465.398	1469.371	1478.007	1486.628
155	1872.271	1876.998	1881.724	1883.702	1882.917	1882.148	1881.363	1880.578	1880.782	1881.002
160	2350.275	2356.744	2363.229	2362.397	2354.279	2346.145	2338.027	2329.893	2322.184	2314.490
165	4390.558	4394.719	4398.880	4390.197	4368.638	4347.079	4325.536	4303.977	4271.976	4239.975
170	11993.65612017.83812042.03512034.16811994.23711954.32311914.39211874.47711836.08611797.694									
175	26250.78626359.57026468.35426548.12126598.87026649.61926700.36926751.11826825.89126900.649									
180	25990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.116									

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	25990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.461									
5	26975.39127050.14927078.20827059.53927040.88427022.21527003.56127022.21527040.88427059.539									
10	11759.30311720.91111691.50111671.05711650.59711630.15311609.70911630.15311650.59711671.057									
15	4207.990	4175.989	4160.256	4160.805	4161.355	4161.889	4162.438	4161.889	4161.355	4160.805
20	2306.780	2299.070	2292.978	2288.487	2283.980	2279.490	2274.999	2279.490	2283.980	2288.487
25	1881.206	1881.410	1881.347	1880.986	1880.625	1880.264	1879.902	1880.264	1880.625	1880.986
30	1495.264	1503.884	1509.710	1512.740	1515.771	1518.786	1521.816	1518.786	1515.771	1512.740
35	684.627	682.774	681.236	679.995	678.755	677.514	676.274	677.514	678.755	679.995
40	151.635	146.453	142.654	140.251	137.833	135.431	133.012	135.431	137.833	140.251
45	67.786	67.550	67.346	67.174	66.985	66.812	66.624	66.812	66.985	67.174
50	62.353	62.479	62.526	62.510	62.494	62.463	62.447	62.463	62.494	62.510
55	60.484	60.783	60.971	61.065	61.144	61.238	61.332	61.238	61.144	61.065
60	49.085	49.399	49.572	49.587	49.619	49.634	49.666	49.634	49.619	49.587
65	33.006	33.084	33.147	33.194	33.257	33.304	33.367	33.304	33.257	33.194
70	21.763	21.763	21.763	21.747	21.732	21.732	21.716	21.732	21.732	21.747
75	14.462	14.462	14.462	14.462	14.446	14.446	14.446	14.446	14.446	14.462
80	8.039	8.024	8.008	8.008	8.008	8.008	8.008	8.008	8.008	8.008
85	1.649	1.649	1.649	1.649	1.633	1.633	1.633	1.633	1.633	1.649
90	0.597	0.597	0.597	0.565	0.565	0.534	0.534	0.534	0.565	0.565
95	1.649	1.649	1.649	1.649	1.633	1.633	1.633	1.633	1.633	1.649
100	8.039	8.024	8.008	8.008	8.008	8.008	8.008	8.008	8.008	8.008
105	14.462	14.462	14.462	14.462	14.446	14.446	14.446	14.446	14.446	14.462
110	21.763	21.763	21.763	21.747	21.732	21.732	21.716	21.732	21.732	21.747
115	33.006	33.084	33.147	33.194	33.257	33.304	33.367	33.304	33.257	33.194
120	49.085	49.399	49.572	49.587	49.619	49.634	49.666	49.634	49.619	49.587
125	60.484	60.783	60.971	61.065	61.144	61.238	61.332	61.238	61.144	61.065
130	62.353	62.479	62.526	62.510	62.494	62.463	62.447	62.463	62.494	62.510
135	67.786	67.550	67.346	67.174	66.985	66.812	66.624	66.812	66.985	67.174
140	151.635	146.453	142.654	140.251	137.833	135.431	133.012	135.431	137.833	140.251
145	684.627	682.774	681.236	679.995	678.755	677.514	676.274	677.514	678.755	679.995
150	1495.264	1503.884	1509.710	1512.740	1515.771	1518.786	1521.816	1518.786	1515.771	1512.740
155	1881.206	1881.410	1881.347	1880.986	1880.625	1880.264	1879.902	1880.264	1880.625	1880.986
160	2306.780	2299.070	2292.978	2288.487	2283.980	2279.490	2274.999	2279.490	2283.980	2288.487
165	4207.990	4175.989	4160.256	4160.805	4161.355	4161.889	4162.438	4161.889	4161.355	4160.805
170	11759.30311720.91111691.50111671.05711650.59711630.15311609.70911630.15311650.59711671.057									
175	26975.40727050.16427078.20827059.55427040.88427022.23027003.56127022.23027040.88427059.554									
180	25990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.116									

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	25990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.461									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	27078.20827050.14926975.39126900.63326825.87626751.11826700.36926649.61926598.87026548.121
10	11691.50111720.91111759.30311797.69411836.08611874.47711914.39211954.32311994.23712034.168
15	4160.256 4175.989 4207.990 4239.975 4271.976 4303.977 4325.536 4347.079 4368.638 4390.197
20	2292.978 2299.070 2306.780 2314.490 2322.184 2329.893 2338.027 2346.145 2354.279 2362.397
25	1881.347 1881.410 1881.206 1881.002 1880.782 1880.578 1881.363 1882.148 1882.917 1883.702
30	1509.710 1503.884 1495.264 1486.628 1478.007 1469.371 1465.398 1461.410 1457.437 1453.465
35	681.236 682.774 684.627 686.480 688.333 690.186 695.289 700.376 705.480 710.583
40	142.654 146.453 151.635 156.833 162.014 167.196 171.231 175.267 179.302 183.338
45	67.346 67.550 67.786 68.021 68.241 68.477 68.838 69.183 69.545 69.906
50	62.526 62.479 62.353 62.243 62.118 61.992 62.055 62.133 62.196 62.275
55	60.971 60.783 60.484 60.202 59.904 59.621 59.558 59.480 59.417 59.338
60	49.572 49.399 49.085 48.786 48.472 48.158 48.080 47.986 47.907 47.829
65	33.147 33.084 33.006 32.927 32.864 32.786 32.739 32.692 32.645 32.598
70	21.763 21.763 21.763 21.747 21.747 21.747 21.732 21.716 21.700 21.685
75	14.462 14.462 14.462 14.462 14.462 14.462 14.462 14.462 14.477 14.477
80	8.008 8.024 8.039 8.055 8.087 8.102 8.134 8.149 8.196 8.212
85	1.649 1.649 1.649 1.664 1.664 1.664 1.664 1.664 1.664 1.664
90	0.597 0.597 0.597 0.628 0.628 0.628 0.628 0.659 0.659 0.691
95	1.649 1.649 1.649 1.664 1.664 1.664 1.664 1.664 1.664 1.664
100	8.008 8.024 8.039 8.055 8.087 8.102 8.134 8.149 8.196 8.212
105	14.462 14.462 14.462 14.462 14.462 14.462 14.462 14.462 14.477 14.477
110	21.763 21.763 21.763 21.747 21.747 21.747 21.732 21.716 21.700 21.685
115	33.147 33.084 33.006 32.927 32.864 32.786 32.739 32.692 32.645 32.598
120	49.572 49.399 49.085 48.786 48.472 48.158 48.080 47.986 47.907 47.829
125	60.971 60.783 60.484 60.202 59.904 59.621 59.558 59.480 59.417 59.338
130	62.526 62.479 62.353 62.243 62.118 61.992 62.055 62.133 62.196 62.275
135	67.346 67.550 67.786 68.021 68.241 68.477 68.838 69.183 69.545 69.906
140	142.654 146.453 151.635 156.833 162.014 167.196 171.231 175.267 179.302 183.338
145	681.236 682.774 684.627 686.480 688.333 690.186 695.289 700.376 705.480 710.583
150	1509.710 1503.884 1495.264 1486.628 1478.007 1469.371 1465.398 1461.410 1457.437 1453.465
155	1881.347 1881.410 1881.206 1881.002 1880.782 1880.578 1881.363 1882.148 1882.917 1883.702
160	2292.978 2299.070 2306.780 2314.490 2322.184 2329.893 2338.027 2346.145 2354.279 2362.397
165	4160.256 4175.989 4207.990 4239.975 4271.976 4303.977 4325.536 4347.079 4368.638 4390.197
170	11691.50111720.91111759.30311797.69411836.08611874.47711914.39211954.32311994.23712034.168
175	27078.20827050.16426975.40726900.64926825.89126751.11826700.36926649.61926598.87026548.121
180	25990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.116

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	25990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.46125990.461									
5	26468.35426359.57026250.78626142.00226033.21826142.00226250.78626359.57026468.35426548.121									
10	12042.03512017.83811993.65611969.45911945.27811969.45911993.65612017.83812042.03512034.168									
15	4398.880 4394.719 4390.558 4386.397 4382.236 4386.397 4390.558 4394.719 4398.880 4390.197									
20	2363.229 2356.744 2350.275 2343.790 2337.320 2343.790 2350.275 2356.744 2363.229 2362.397									
25	1881.724 1876.998 1872.271 1867.545 1862.819 1867.545 1872.271 1876.998 1881.724 1883.702									
30	1449.320 1445.017 1440.730 1436.428 1432.126 1436.428 1440.730 1445.017 1449.320 1453.465									
35	713.394 713.912 714.430 714.964 715.482 714.964 714.430 713.912 713.394 710.583									
40	185.803 186.714 187.624 188.535 189.446 188.535 187.624 186.714 185.803 183.338									
45	70.000 69.843 69.670 69.513 69.356 69.513 69.670 69.843 70.000 69.906									
50	62.227 62.055 61.882 61.725 61.552 61.725 61.882 62.055 62.227 62.275									
55	59.213 59.008 58.820 58.616 58.428 58.616 58.820 59.008 59.213 59.338									
60	47.750 47.703 47.640 47.593 47.530 47.593 47.640 47.703 47.750 47.829									
65	32.503 32.331 32.174 32.001 31.844 32.001 32.174 32.331 32.503 32.598									
70	21.622 21.528 21.433 21.339 21.245 21.339 21.433 21.528 21.622 21.685									
75	14.446 14.383 14.320 14.258 14.195 14.258 14.320 14.383 14.446 14.477									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	8.212	8.181	8.165	8.118	8.102	8.118	8.165	8.181	8.212	8.212
85	1.664	1.649	1.649	1.633	1.633	1.633	1.649	1.649	1.664	1.664
90	0.691	0.659	0.659	0.628	0.628	0.628	0.659	0.659	0.691	0.691
95	1.664	1.649	1.649	1.633	1.633	1.633	1.649	1.649	1.664	1.664
100	8.212	8.181	8.165	8.118	8.102	8.118	8.165	8.181	8.212	8.212
105	14.446	14.383	14.320	14.258	14.195	14.258	14.320	14.383	14.446	14.477
110	21.622	21.528	21.433	21.339	21.245	21.339	21.433	21.528	21.622	21.685
115	32.503	32.331	32.174	32.001	31.844	32.001	32.174	32.331	32.503	32.598
120	47.750	47.703	47.640	47.593	47.530	47.593	47.640	47.703	47.750	47.829
125	59.213	59.008	58.820	58.616	58.428	58.616	58.820	59.008	59.213	59.338
130	62.227	62.055	61.882	61.725	61.552	61.725	61.882	62.055	62.227	62.275
135	70.000	69.843	69.670	69.513	69.356	69.513	69.670	69.843	70.000	69.906
140	185.803	186.714	187.624	188.535	189.446	188.535	187.624	186.714	185.803	183.338
145	713.394	713.912	714.430	714.964	715.482	714.964	714.430	713.912	713.394	710.583
150	1449.320	1445.017	1440.730	1436.428	1432.126	1436.428	1440.730	1445.017	1449.320	1453.465
155	1881.724	1876.998	1872.271	1867.545	1862.819	1867.545	1872.271	1876.998	1881.724	1883.702
160	2363.229	2356.744	2350.275	2343.790	2337.320	2343.790	2350.275	2356.744	2363.229	2362.397
165	4398.880	4394.719	4390.558	4386.397	4382.236	4386.397	4390.558	4394.719	4398.880	4390.197
170	12042.0351	12017.8381	11993.6561	11969.4591	11945.2781	11969.4591	11993.6561	12017.8381	12042.0351	12034.168
175	26468.3542	26359.5702	26250.7862	26142.0022	26033.2182	26142.0022	26250.7862	26359.5702	26468.3542	26548.121
180	25990.1162	25990.1162	25990.1162	25990.1162	25990.1162	25990.1162	25990.1162	25990.1162	25990.1162	25990.116

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	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461	25990.461
5	26598.870	26649.619	26700.369	26751.118	26825.876	26900.633	26975.391	27050.149	27078.208	27059.539
10	11994.237	11954.323	11914.392	11874.477	11836.086	11797.694	11759.303	11720.911	11691.501	11671.057
15	4368.638	4347.079	4325.536	4303.977	4271.976	4239.975	4207.990	4175.989	4160.256	4160.805
20	2354.279	2346.145	2338.027	2329.893	2322.184	2314.490	2306.780	2299.070	2292.978	2288.487
25	1882.917	1882.148	1881.363	1880.578	1880.782	1881.002	1881.206	1881.410	1881.347	1880.986
30	1457.437	1461.410	1465.398	1469.371	1478.007	1486.628	1495.264	1503.884	1509.710	1512.740
35	705.480	700.376	695.289	690.186	688.333	686.480	684.627	682.774	681.236	679.995
40	179.302	175.267	171.231	167.196	162.014	156.833	151.635	146.453	142.654	140.251
45	69.545	69.183	68.838	68.477	68.241	68.021	67.786	67.550	67.346	67.174
50	62.196	62.133	62.055	61.992	62.118	62.243	62.353	62.479	62.526	62.510
55	59.417	59.480	59.558	59.621	59.904	60.202	60.484	60.783	60.971	61.065
60	47.907	47.986	48.080	48.158	48.472	48.786	49.085	49.399	49.572	49.587
65	32.645	32.692	32.739	32.786	32.864	32.927	33.006	33.084	33.147	33.194
70	21.700	21.716	21.732	21.747	21.747	21.747	21.763	21.763	21.763	21.747
75	14.477	14.462	14.462	14.462	14.462	14.462	14.462	14.462	14.462	14.462
80	8.196	8.149	8.134	8.102	8.087	8.055	8.039	8.024	8.008	8.008
85	1.664	1.664	1.664	1.664	1.664	1.664	1.649	1.649	1.649	1.649
90	0.659	0.659	0.628	0.628	0.628	0.628	0.597	0.597	0.597	0.565
95	1.664	1.664	1.664	1.664	1.664	1.664	1.649	1.649	1.649	1.649
100	8.196	8.149	8.134	8.102	8.087	8.055	8.039	8.024	8.008	8.008
105	14.477	14.462	14.462	14.462	14.462	14.462	14.462	14.462	14.462	14.462
110	21.700	21.716	21.732	21.747	21.747	21.747	21.763	21.763	21.763	21.747
115	32.645	32.692	32.739	32.786	32.864	32.927	33.006	33.084	33.147	33.194
120	47.907	47.986	48.080	48.158	48.472	48.786	49.085	49.399	49.572	49.587
125	59.417	59.480	59.558	59.621	59.904	60.202	60.484	60.783	60.971	61.065
130	62.196	62.133	62.055	61.992	62.118	62.243	62.353	62.479	62.526	62.510
135	69.545	69.183	68.838	68.477	68.241	68.021	67.786	67.550	67.346	67.174
140	179.302	175.267	171.231	167.196	162.014	156.833	151.635	146.453	142.654	140.251
145	705.480	700.376	695.289	690.186	688.333	686.480	684.627	682.774	681.236	679.995
150	1457.437	1461.410	1465.398	1469.371	1478.007	1486.628	1495.264	1503.884	1509.710	1512.740

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1882.917	1882.148	1881.363	1880.578	1880.782	1881.002	1881.206	1881.410	1881.347	1880.986
160	2354.279	2346.145	2338.027	2329.893	2322.184	2314.490	2306.780	2299.070	2292.978	2288.487
165	4368.638	4347.079	4325.536	4303.977	4271.976	4239.975	4207.990	4175.989	4160.256	4160.805
170	11994.23711954.32311914.39211874.47711836.08611797.69411759.30311720.91111691.50111671.057									
175	26598.87026649.61926700.36926751.11826825.89126900.64926975.40727050.16427078.20827059.554									
180	25990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.11625990.116									

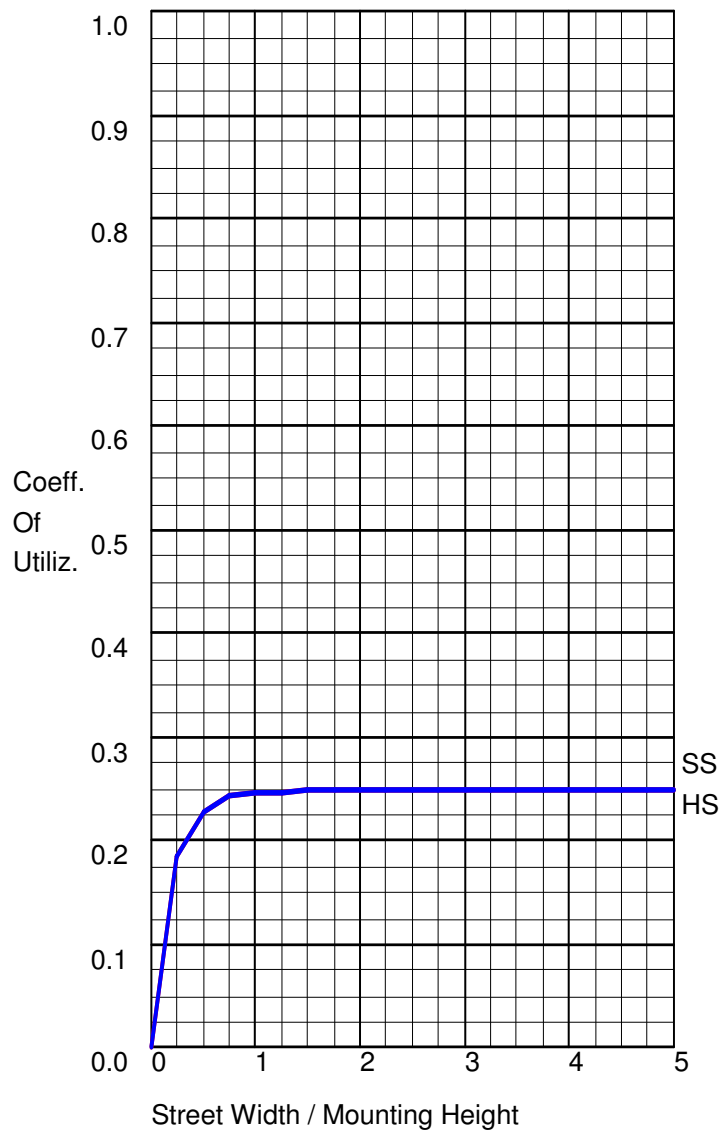
Vert. Horizontal Angles

	350	355	360
0	25990.46125990.46125990.461		
5	27040.88427022.21527003.561		
10	11650.59711630.15311609.709		
15	4161.355 4161.889 4162.438		
20	2283.980 2279.490 2274.999		
25	1880.625 1880.264 1879.902		
30	1515.771 1518.786 1521.816		
35	678.755 677.514 676.274		
40	137.833 135.431 133.012		
45	66.985 66.812 66.624		
50	62.494 62.463 62.447		
55	61.144 61.238 61.332		
60	49.619 49.634 49.666		
65	33.257 33.304 33.367		
70	21.732 21.732 21.716		
75	14.446 14.446 14.446		
80	8.008 8.008 8.008		
85	1.633 1.633 1.633		
90	0.565 0.534 0.534		
95	1.633 1.633 1.633		
100	8.008 8.008 8.008		
105	14.446 14.446 14.446		
110	21.732 21.732 21.716		
115	33.257 33.304 33.367		
120	49.619 49.634 49.666		
125	61.144 61.238 61.332		
130	62.494 62.463 62.447		
135	66.985 66.812 66.624		
140	137.833 135.431 133.012		
145	678.755 677.514 676.274		
150	1515.771 1518.786 1521.816		
155	1880.625 1880.264 1879.902		
160	2283.980 2279.490 2274.999		
165	4161.355 4161.889 4162.438		
170	11650.59711630.15311609.709		
175	27040.88427022.23027003.561		
180	25990.11625990.11625990.116		

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



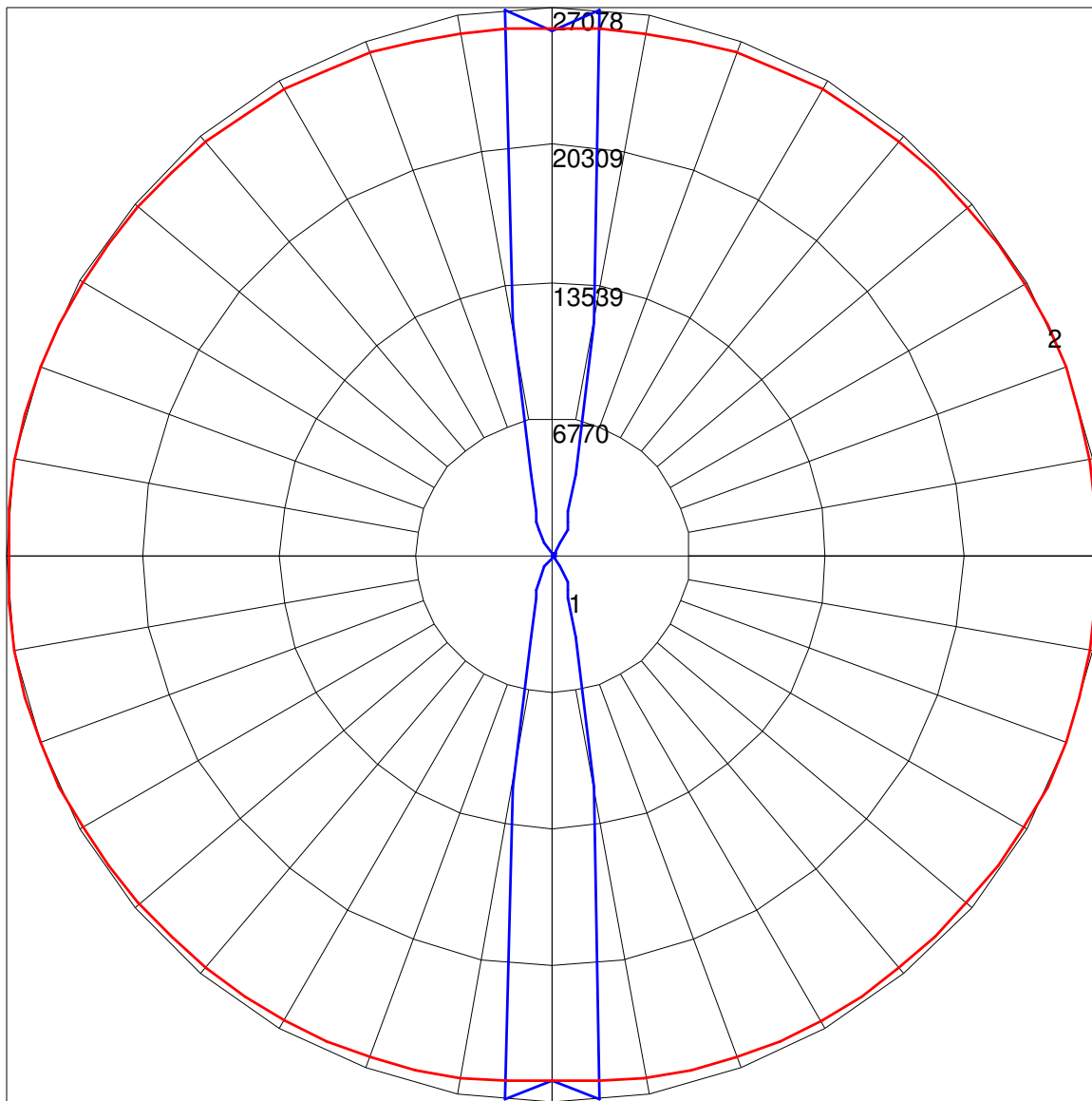
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2507.0	25.0
Downward House Side	2507.0	25.0
Downward Total	5014.0	50.0
Upward Street Side	2507.0	25.0
Upward House Side	2507.0	25.0
Upward Total	5014.0	50.0
Total Flux	10028.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-827U-L50-827D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 27078.208 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

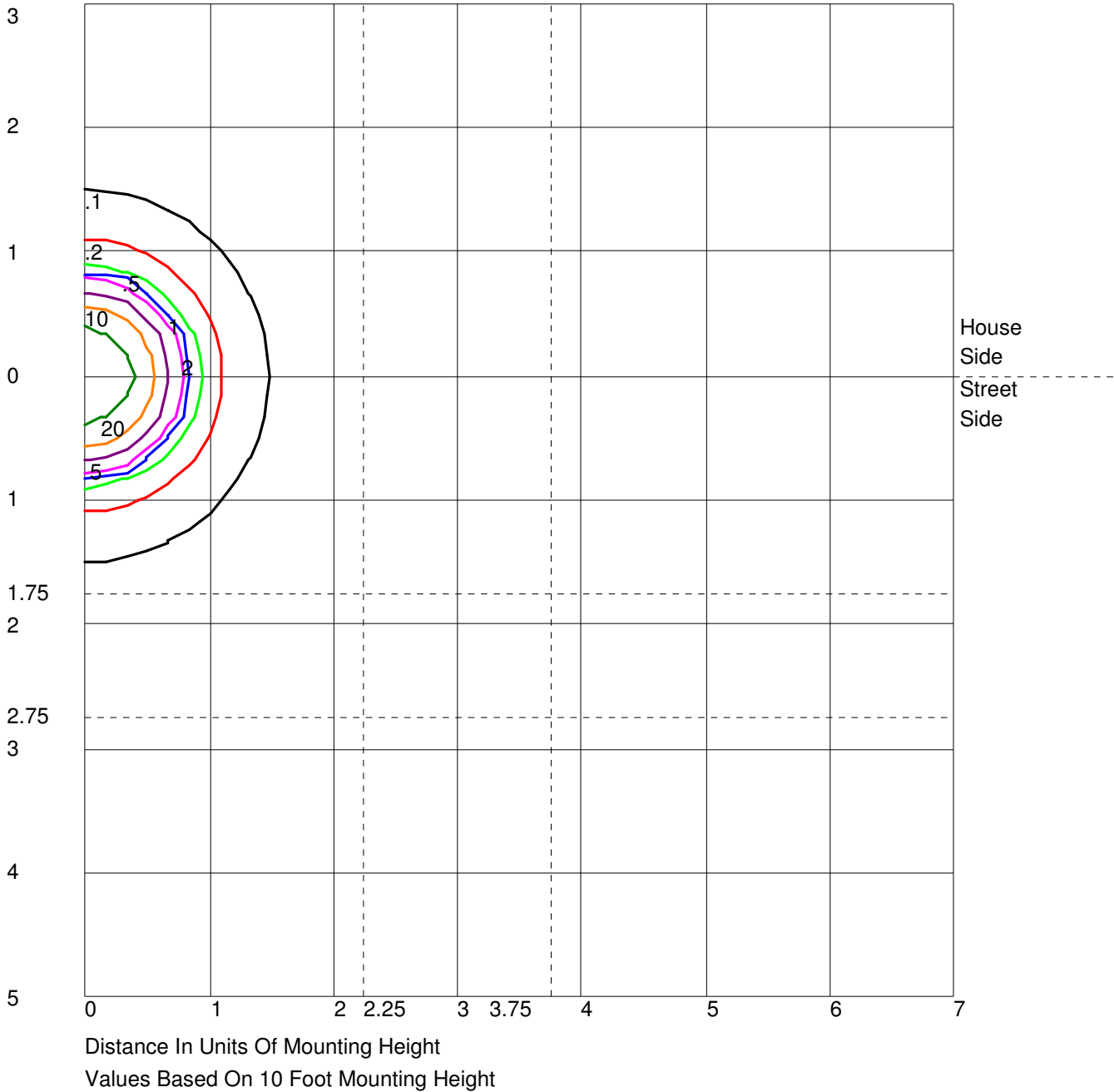


PHOTO LUMENS

