

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-N-XX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR\_Angela-M\_(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-N-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH NARROW DIST

[LAMPCAT] BL V18 COB

[LAMP] LED

[OTHER] Absolute Photometry

[\_CONVERT] Photometric web converted from original test data

[\_CONVERT] Luminaire test position and photometric web converted from original test data

### CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8534
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10381.666
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10381.666
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.763 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.816 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1642.9	N.A.	19.3
FM - Front-Medium (30-60)	456.7	N.A.	5.4
FH - Front-High (60-80)	32.1	N.A.	0.4
FVH - Front-Very High (80-90)	1.8	N.A.	0.0
BL - Back-Low (0-30)	1642.9	N.A.	19.3
BM - Back-Medium (30-60)	456.7	N.A.	5.4
BH - Back-High (60-80)	32.1	N.A.	0.4
BVH - Back-Very High (80-90)	1.8	N.A.	0.0
UL - Uplight-Low (90-100)	3.5	N.A.	0.0
UH - Uplight-High (100-180)	4263.2	N.A.	50.0
Total	8533.7	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	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9330.628	9343.898	9357.167	9370.422	9383.691	9405.487	9435.808	9466.115	9496.436	9526.758
10	6784.389	6797.887	6811.401	6824.899	6838.398	6859.568	6888.395	6917.237	6946.064	6974.891
15	4466.935	4471.861	4476.803	4481.729	4486.656	4497.272	4513.561	4529.835	4546.125	4562.414
20	3110.042	3113.580	3117.119	3120.673	3124.211	3129.870	3137.648	3145.442	3153.221	3161.000
25	2465.234	2464.716	2464.197	2463.663	2463.145	2463.816	2465.676	2467.522	2469.383	2471.244
30	1905.748	1901.325	1896.902	1892.479	1888.055	1882.656	1876.265	1869.875	1863.499	1857.108
35	960.775	961.049	961.309	961.583	961.842	962.880	964.695	966.494	968.309	970.109
40	344.565	346.457	348.333	350.224	352.100	355.212	359.543	363.890	368.222	372.553
45	209.582	209.643	209.704	209.750	209.811	209.811	209.750	209.689	209.628	209.567
50	147.536	147.429	147.338	147.231	147.124	146.910	146.560	146.224	145.873	145.538
55	101.642	101.535	101.428	101.321	101.214	101.031	100.757	100.498	100.223	99.949
60	67.049	66.988	66.912	66.851	66.775	66.653	66.485	66.317	66.134	65.966
65	44.400	44.339	44.278	44.201	44.140	44.064	43.972	43.896	43.805	43.713
70	29.132	29.101	29.056	29.025	28.979	28.934	28.888	28.842	28.781	28.735
75	17.921	17.906	17.876	17.860	17.845	17.815	17.799	17.769	17.754	17.723
80	8.648	8.648	8.648	8.648	8.648	8.648	8.663	8.679	8.679	8.694
85	1.815	1.815	1.815	1.830	1.830	1.830	1.830	1.815	1.815	1.815
90	0.610	0.610	0.641	0.641	0.671	0.671	0.671	0.702	0.702	0.702
95	1.815	1.815	1.815	1.830	1.830	1.830	1.830	1.815	1.815	1.815
100	8.648	8.648	8.648	8.648	8.648	8.648	8.663	8.679	8.679	8.694
105	17.921	17.906	17.876	17.860	17.845	17.815	17.799	17.769	17.754	17.723
110	29.132	29.101	29.056	29.025	28.979	28.934	28.888	28.842	28.781	28.735
115	44.400	44.339	44.278	44.201	44.140	44.064	43.972	43.896	43.805	43.713
120	67.049	66.988	66.912	66.851	66.775	66.653	66.485	66.317	66.134	65.966
125	101.642	101.535	101.428	101.321	101.214	101.031	100.757	100.498	100.223	99.949
130	147.536	147.429	147.338	147.231	147.124	146.910	146.560	146.224	145.873	145.538
135	209.582	209.643	209.704	209.750	209.811	209.811	209.750	209.689	209.628	209.567
140	344.565	346.457	348.333	350.224	352.100	355.212	359.543	363.890	368.222	372.553
145	960.775	961.049	961.309	961.583	961.842	962.880	964.695	966.494	968.309	970.109
150	1905.748	1901.325	1896.902	1892.479	1888.055	1882.656	1876.265	1869.875	1863.499	1857.108
155	2465.234	2464.716	2464.197	2463.663	2463.145	2463.816	2465.676	2467.522	2469.383	2471.244
160	3110.042	3113.580	3117.119	3120.673	3124.211	3129.870	3137.648	3145.442	3153.221	3161.000
165	4466.935	4471.861	4476.803	4481.729	4486.656	4497.272	4513.561	4529.835	4546.125	4562.414
170	6784.389	6797.887	6811.401	6824.899	6838.398	6859.568	6888.395	6917.237	6946.064	6974.891
175	9330.628	9343.898	9357.167	9370.422	9383.691	9405.487	9435.808	9466.130	9496.436	9526.758
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9555.204	9583.649	9612.095	9640.540	9658.492	9665.966	9673.424	9680.898	9688.372	9680.898
10	7001.475	7028.060	7054.645	7081.230	7098.251	7105.695	7113.138	7120.581	7128.024	7120.581
15	4575.852	4589.304	4602.741	4616.179	4623.332	4624.202	4625.056	4625.925	4626.779	4625.925
20	3167.085	3173.156	3179.241	3185.327	3188.774	3189.598	3190.406	3191.230	3192.053	3191.230
25	2472.250	2473.257	2474.264	2475.270	2476.567	2478.168	2479.754	2481.356	2482.942	2481.356
30	1853.387	1849.681	1845.959	1842.253	1841.048	1842.375	1843.702	1845.029	1846.356	1845.029
35	974.426	978.742	983.058	987.375	990.974	993.827	996.679	999.546	1002.398	999.546
40	376.122	379.707	383.276	386.860	389.377	390.841	392.290	393.754	395.218	393.754
45	209.216	208.865	208.515	208.164	207.676	207.081	206.486	205.876	205.281	205.876
50	145.019	144.516	143.997	143.494	143.052	142.686	142.335	141.969	141.603	141.969
55	99.567	99.201	98.820	98.439	98.118	97.844	97.569	97.295	97.020	97.295

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## CANDELA TABULATION - (Cont.)

60	65.738	65.524	65.295	65.066	64.883	64.716	64.563	64.395	64.243	64.395
65	43.576	43.454	43.317	43.179	43.057	42.935	42.813	42.691	42.569	42.691
70	28.674	28.598	28.537	28.461	28.385	28.308	28.232	28.156	28.080	28.156
75	17.693	17.662	17.647	17.616	17.586	17.540	17.510	17.464	17.433	17.464
80	8.724	8.755	8.770	8.801	8.816	8.801	8.801	8.785	8.770	8.785
85	1.815	1.815	1.800	1.800	1.800	1.800	1.785	1.785	1.785	1.785
90	0.702	0.702	0.732	0.732	0.732	0.732	0.763	0.763	0.763	0.763
95	1.815	1.815	1.800	1.800	1.800	1.800	1.785	1.785	1.785	1.785
100	8.724	8.755	8.770	8.801	8.816	8.801	8.801	8.785	8.770	8.785
105	17.693	17.662	17.647	17.616	17.586	17.540	17.510	17.464	17.433	17.464
110	28.674	28.598	28.537	28.461	28.385	28.308	28.232	28.156	28.080	28.156
115	43.576	43.454	43.317	43.179	43.057	42.935	42.813	42.691	42.569	42.691
120	65.738	65.524	65.295	65.066	64.883	64.716	64.563	64.395	64.243	64.395
125	99.567	99.201	98.820	98.439	98.118	97.844	97.569	97.295	97.020	97.295
130	145.019	144.516	143.997	143.494	143.052	142.686	142.335	141.969	141.603	141.969
135	209.216	208.865	208.515	208.164	207.676	207.081	206.486	205.876	205.281	205.876
140	376.122	379.707	383.276	386.860	389.377	390.841	392.290	393.754	395.218	393.754
145	974.426	978.742	983.058	987.375	990.974	993.827	996.679	999.546	1002.398	999.546
150	1853.387	1849.681	1845.959	1842.253	1841.048	1842.375	1843.702	1845.029	1846.356	1845.029
155	2472.250	2473.257	2474.264	2475.270	2476.567	2478.168	2479.754	2481.356	2482.942	2481.356
160	3167.085	3173.156	3179.241	3185.327	3188.774	3189.598	3190.406	3191.230	3192.053	3191.230
165	4575.852	4589.304	4602.741	4616.179	4623.332	4624.202	4625.056	4625.925	4626.779	4625.925
170	7001.475	7028.060	7054.645	7081.230	7098.251	7105.695	7113.138	7120.581	7128.024	7120.581
175	9555.204	9583.649	9612.095	9640.540	9658.492	9665.966	9673.440	9680.898	9688.372	9680.898
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9673.424	9665.966	9658.492	9640.540	9612.095	9583.649	9555.204	9526.758	9496.436	9466.115
10	7113.138	7105.695	7098.251	7081.230	7054.645	7028.060	7001.475	6974.891	6946.064	6917.237
15	4625.056	4624.202	4623.332	4616.179	4602.741	4589.304	4575.852	4562.414	4546.125	4529.835
20	3190.406	3189.598	3188.774	3185.327	3179.241	3173.156	3167.085	3161.000	3153.221	3145.442
25	2479.754	2478.168	2476.567	2475.270	2474.264	2473.257	2472.250	2471.244	2469.383	2467.522
30	1843.702	1842.375	1841.048	1842.253	1845.959	1849.681	1853.387	1857.108	1863.499	1869.875
35	996.679	993.827	990.974	987.375	983.058	978.742	974.426	970.109	968.309	966.494
40	392.290	390.841	389.377	386.860	383.276	379.707	376.122	372.553	368.222	363.890
45	206.486	207.081	207.676	208.164	208.515	208.865	209.216	209.567	209.628	209.689
50	142.335	142.686	143.052	143.494	143.997	144.516	145.019	145.538	145.873	146.224
55	97.569	97.844	98.118	98.439	98.820	99.201	99.567	99.949	100.223	100.498
60	64.563	64.716	64.883	65.066	65.295	65.524	65.738	65.966	66.134	66.317
65	42.813	42.935	43.057	43.179	43.317	43.454	43.576	43.713	43.805	43.896
70	28.232	28.308	28.385	28.461	28.537	28.598	28.674	28.735	28.781	28.842
75	17.510	17.540	17.586	17.616	17.647	17.662	17.693	17.723	17.754	17.769
80	8.801	8.801	8.816	8.801	8.770	8.755	8.724	8.694	8.679	8.679
85	1.785	1.800	1.800	1.800	1.800	1.815	1.815	1.815	1.815	1.815
90	0.763	0.732	0.732	0.732	0.732	0.702	0.702	0.702	0.702	0.702
95	1.785	1.800	1.800	1.800	1.800	1.815	1.815	1.815	1.815	1.815
100	8.801	8.801	8.816	8.801	8.770	8.755	8.724	8.694	8.679	8.679
105	17.510	17.540	17.586	17.616	17.647	17.662	17.693	17.723	17.754	17.769
110	28.232	28.308	28.385	28.461	28.537	28.598	28.674	28.735	28.781	28.842
115	42.813	42.935	43.057	43.179	43.317	43.454	43.576	43.713	43.805	43.896
120	64.563	64.716	64.883	65.066	65.295	65.524	65.738	65.966	66.134	66.317
125	97.569	97.844	98.118	98.439	98.820	99.201	99.567	99.949	100.223	100.498
130	142.335	142.686	143.052	143.494	143.997	144.516	145.019	145.538	145.873	146.224

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## CANDELA TABULATION - (Cont.)

135	206.486	207.081	207.676	208.164	208.515	208.865	209.216	209.567	209.628	209.689
140	392.290	390.841	389.377	386.860	383.276	379.707	376.122	372.553	368.222	363.890
145	996.679	993.827	990.974	987.375	983.058	978.742	974.426	970.109	968.309	966.494
150	1843.702	1842.375	1841.048	1842.253	1845.959	1849.681	1853.387	1857.108	1863.499	1869.875
155	2479.754	2478.168	2476.567	2475.270	2474.264	2473.257	2472.250	2471.244	2469.383	2467.522
160	3190.406	3189.598	3188.774	3185.327	3179.241	3173.156	3167.085	3161.000	3153.221	3145.442
165	4625.056	4624.202	4623.332	4616.179	4602.741	4589.304	4575.852	4562.414	4546.125	4529.835
170	7113.138	7105.695	7098.251	7081.230	7054.645	7028.060	7001.475	6974.891	6946.064	6917.237
175	9673.440	9665.966	9658.492	9640.540	9612.095	9583.649	9555.204	9526.758	9496.436	9466.130
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

## 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	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9435.808	9405.487	9383.691	9370.422	9357.167	9343.898	9330.628	9343.898	9357.167	9370.422
10	6888.395	6859.568	6838.398	6824.899	6811.401	6797.887	6784.389	6797.887	6811.401	6824.899
15	4513.561	4497.272	4486.656	4481.729	4476.803	4471.861	4466.935	4471.861	4476.803	4481.729
20	3137.648	3129.870	3124.211	3120.673	3117.119	3113.580	3110.042	3113.580	3117.119	3120.673
25	2465.676	2463.816	2463.145	2463.663	2464.197	2464.716	2465.234	2464.716	2464.197	2463.663
30	1876.265	1882.656	1888.055	1892.479	1896.902	1901.325	1905.748	1901.325	1896.902	1892.479
35	964.695	962.880	961.842	961.583	961.309	961.049	960.775	961.049	961.309	961.583
40	359.543	355.212	352.100	350.224	348.333	346.457	344.565	346.457	348.333	350.224
45	209.750	209.811	209.811	209.750	209.704	209.643	209.582	209.643	209.704	209.750
50	146.560	146.910	147.124	147.231	147.338	147.429	147.536	147.429	147.338	147.231
55	100.757	101.031	101.214	101.321	101.428	101.535	101.642	101.535	101.428	101.321
60	66.485	66.653	66.775	66.851	66.912	66.988	67.049	66.988	66.912	66.851
65	43.972	44.064	44.140	44.201	44.278	44.339	44.400	44.339	44.278	44.201
70	28.888	28.934	28.979	29.025	29.056	29.101	29.132	29.101	29.056	29.025
75	17.799	17.815	17.845	17.860	17.876	17.906	17.921	17.906	17.876	17.860
80	8.663	8.648	8.648	8.648	8.648	8.648	8.648	8.648	8.648	8.648
85	1.830	1.830	1.830	1.830	1.815	1.815	1.815	1.815	1.815	1.830
90	0.671	0.671	0.671	0.641	0.641	0.610	0.610	0.610	0.641	0.641
95	1.830	1.830	1.830	1.830	1.815	1.815	1.815	1.815	1.815	1.830
100	8.663	8.648	8.648	8.648	8.648	8.648	8.648	8.648	8.648	8.648
105	17.799	17.815	17.845	17.860	17.876	17.906	17.921	17.906	17.876	17.860
110	28.888	28.934	28.979	29.025	29.056	29.101	29.132	29.101	29.056	29.025
115	43.972	44.064	44.140	44.201	44.278	44.339	44.400	44.339	44.278	44.201
120	66.485	66.653	66.775	66.851	66.912	66.988	67.049	66.988	66.912	66.851
125	100.757	101.031	101.214	101.321	101.428	101.535	101.642	101.535	101.428	101.321
130	146.560	146.910	147.124	147.231	147.338	147.429	147.536	147.429	147.338	147.231
135	209.750	209.811	209.811	209.750	209.704	209.643	209.582	209.643	209.704	209.750
140	359.543	355.212	352.100	350.224	348.333	346.457	344.565	346.457	348.333	350.224
145	964.695	962.880	961.842	961.583	961.309	961.049	960.775	961.049	961.309	961.583
150	1876.265	1882.656	1888.055	1892.479	1896.902	1901.325	1905.748	1901.325	1896.902	1892.479
155	2465.676	2463.816	2463.145	2463.663	2464.197	2464.716	2465.234	2464.716	2464.197	2463.663
160	3137.648	3129.870	3124.211	3120.673	3117.119	3113.580	3110.042	3113.580	3117.119	3120.673
165	4513.561	4497.272	4486.656	4481.729	4476.803	4471.861	4466.935	4471.861	4476.803	4481.729
170	6888.395	6859.568	6838.398	6824.899	6811.401	6797.887	6784.389	6797.887	6811.401	6824.899
175	9435.808	9405.487	9383.691	9370.422	9357.167	9343.898	9330.628	9343.898	9357.167	9370.422
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

## 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	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	9383.691	9405.487	9435.808	9466.115	9496.436	9526.758	9555.204	9583.649	9612.095	9640.540
10	6838.398	6859.568	6888.395	6917.237	6946.064	6974.891	7001.475	7028.060	7054.645	7081.230
15	4486.656	4497.272	4513.561	4529.835	4546.125	4562.414	4575.852	4589.304	4602.741	4616.179
20	3124.211	3129.870	3137.648	3145.442	3153.221	3161.000	3167.085	3173.156	3179.241	3185.327
25	2463.145	2463.816	2465.676	2467.522	2469.383	2471.244	2472.250	2473.257	2474.264	2475.270
30	1888.055	1882.656	1876.265	1869.875	1863.499	1857.108	1853.387	1849.681	1845.959	1842.253
35	961.842	962.880	964.695	966.494	968.309	970.109	974.426	978.742	983.058	987.375
40	352.100	355.212	359.543	363.890	368.222	372.553	376.122	379.707	383.276	386.860
45	209.811	209.811	209.750	209.689	209.628	209.567	209.216	208.865	208.515	208.164
50	147.124	146.910	146.560	146.224	145.873	145.538	145.019	144.516	143.997	143.494
55	101.214	101.031	100.757	100.498	100.223	99.949	99.567	99.201	98.820	98.439
60	66.775	66.653	66.485	66.317	66.134	65.966	65.738	65.524	65.295	65.066
65	44.140	44.064	43.972	43.896	43.805	43.713	43.576	43.454	43.317	43.179
70	28.979	28.934	28.888	28.842	28.781	28.735	28.674	28.598	28.537	28.461
75	17.845	17.815	17.799	17.769	17.754	17.723	17.693	17.662	17.647	17.616
80	8.648	8.648	8.663	8.679	8.679	8.694	8.724	8.755	8.770	8.801
85	1.830	1.830	1.830	1.815	1.815	1.815	1.815	1.815	1.800	1.800
90	0.671	0.671	0.671	0.702	0.702	0.702	0.702	0.702	0.732	0.732
95	1.830	1.830	1.830	1.815	1.815	1.815	1.815	1.815	1.800	1.800
100	8.648	8.648	8.663	8.679	8.679	8.694	8.724	8.755	8.770	8.801
105	17.845	17.815	17.799	17.769	17.754	17.723	17.693	17.662	17.647	17.616
110	28.979	28.934	28.888	28.842	28.781	28.735	28.674	28.598	28.537	28.461
115	44.140	44.064	43.972	43.896	43.805	43.713	43.576	43.454	43.317	43.179
120	66.775	66.653	66.485	66.317	66.134	65.966	65.738	65.524	65.295	65.066
125	101.214	101.031	100.757	100.498	100.223	99.949	99.567	99.201	98.820	98.439
130	147.124	146.910	146.560	146.224	145.873	145.538	145.019	144.516	143.997	143.494
135	209.811	209.811	209.750	209.689	209.628	209.567	209.216	208.865	208.515	208.164
140	352.100	355.212	359.543	363.890	368.222	372.553	376.122	379.707	383.276	386.860
145	961.842	962.880	964.695	966.494	968.309	970.109	974.426	978.742	983.058	987.375
150	1888.055	1882.656	1876.265	1869.875	1863.499	1857.108	1853.387	1849.681	1845.959	1842.253
155	2463.145	2463.816	2465.676	2467.522	2469.383	2471.244	2472.250	2473.257	2474.264	2475.270
160	3124.211	3129.870	3137.648	3145.442	3153.221	3161.000	3167.085	3173.156	3179.241	3185.327
165	4486.656	4497.272	4513.561	4529.835	4546.125	4562.414	4575.852	4589.304	4602.741	4616.179
170	6838.398	6859.568	6888.395	6917.237	6946.064	6974.891	7001.475	7028.060	7054.645	7081.230
175	9383.691	9405.487	9435.808	9466.130	9496.436	9526.758	9555.204	9583.649	9612.095	9640.540
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

## 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	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9658.492	9665.966	9673.424	9680.898	9688.372	9680.898	9673.424	9665.966	9658.492	9640.540
10	7098.251	7105.695	7113.138	7120.581	7128.024	7120.581	7113.138	7105.695	7098.251	7081.230
15	4623.332	4624.202	4625.056	4625.925	4626.779	4625.925	4625.056	4624.202	4623.332	4616.179
20	3188.774	3189.598	3190.406	3191.230	3192.053	3191.230	3190.406	3189.598	3188.774	3185.327
25	2476.567	2478.168	2479.754	2481.356	2482.942	2481.356	2479.754	2478.168	2476.567	2475.270
30	1841.048	1842.375	1843.702	1845.029	1846.356	1845.029	1843.702	1842.375	1841.048	1842.253
35	990.974	993.827	996.679	999.546	1002.398	999.546	996.679	993.827	990.974	987.375
40	389.377	390.841	392.290	393.754	395.218	393.754	392.290	390.841	389.377	386.860
45	207.676	207.081	206.486	205.876	205.281	205.876	206.486	207.081	207.676	208.164
50	143.052	142.686	142.335	141.969	141.603	141.969	142.335	142.686	143.052	143.494
55	98.118	97.844	97.569	97.295	97.020	97.295	97.569	97.844	98.118	98.439
60	64.883	64.716	64.563	64.395	64.243	64.395	64.563	64.716	64.883	65.066
65	43.057	42.935	42.813	42.691	42.569	42.691	42.813	42.935	43.057	43.179
70	28.385	28.308	28.232	28.156	28.080	28.156	28.232	28.308	28.385	28.461
75	17.586	17.540	17.510	17.464	17.433	17.464	17.510	17.540	17.586	17.616

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	8.816	8.801	8.801	8.785	8.770	8.785	8.801	8.801	8.816	8.801
85	1.800	1.800	1.785	1.785	1.785	1.785	1.785	1.800	1.800	1.800
90	0.732	0.732	0.763	0.763	0.763	0.763	0.763	0.732	0.732	0.732
95	1.800	1.800	1.785	1.785	1.785	1.785	1.785	1.800	1.800	1.800
100	8.816	8.801	8.801	8.785	8.770	8.785	8.801	8.801	8.816	8.801
105	17.586	17.540	17.510	17.464	17.433	17.464	17.510	17.540	17.586	17.616
110	28.385	28.308	28.232	28.156	28.080	28.156	28.232	28.308	28.385	28.461
115	43.057	42.935	42.813	42.691	42.569	42.691	42.813	42.935	43.057	43.179
120	64.883	64.716	64.563	64.395	64.243	64.395	64.563	64.716	64.883	65.066
125	98.118	97.844	97.569	97.295	97.020	97.295	97.569	97.844	98.118	98.439
130	143.052	142.686	142.335	141.969	141.603	141.969	142.335	142.686	143.052	143.494
135	207.676	207.081	206.486	205.876	205.281	205.876	206.486	207.081	207.676	208.164
140	389.377	390.841	392.290	393.754	395.218	393.754	392.290	390.841	389.377	386.860
145	990.974	993.827	996.679	999.546	1002.398	999.546	996.679	993.827	990.974	987.375
150	1841.048	1842.375	1843.702	1845.029	1846.356	1845.029	1843.702	1842.375	1841.048	1842.253
155	2476.567	2478.168	2479.754	2481.356	2482.942	2481.356	2479.754	2478.168	2476.567	2475.270
160	3188.774	3189.598	3190.406	3191.230	3192.053	3191.230	3190.406	3189.598	3188.774	3185.327
165	4623.332	4624.202	4625.056	4625.925	4626.779	4625.925	4625.056	4624.202	4623.332	4616.179
170	7098.251	7105.695	7113.138	7120.581	7128.024	7120.581	7113.138	7105.695	7098.251	7081.230
175	9658.492	9665.966	9673.440	9680.898	9688.372	9680.898	9673.440	9665.966	9658.492	9640.540
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

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	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666	10381.666
5	9612.095	9583.649	9555.204	9526.758	9496.436	9466.115	9435.808	9405.487	9383.691	9370.422
10	7054.645	7028.060	7001.475	6974.891	6946.064	6917.237	6888.395	6859.568	6838.398	6824.899
15	4602.741	4589.304	4575.852	4562.414	4546.125	4529.835	4513.561	4497.272	4486.656	4481.729
20	3179.241	3173.156	3167.085	3161.000	3153.221	3145.442	3137.648	3129.870	3124.211	3120.673
25	2474.264	2473.257	2472.250	2471.244	2469.383	2467.522	2465.676	2463.816	2463.145	2463.663
30	1845.959	1849.681	1853.387	1857.108	1863.499	1869.875	1876.265	1882.656	1888.055	1892.479
35	983.058	978.742	974.426	970.109	968.309	966.494	964.695	962.880	961.842	961.583
40	383.276	379.707	376.122	372.553	368.222	363.890	359.543	355.212	352.100	350.224
45	208.515	208.865	209.216	209.567	209.628	209.689	209.750	209.811	209.811	209.750
50	143.997	144.516	145.019	145.538	145.873	146.224	146.560	146.910	147.124	147.231
55	98.820	99.201	99.567	99.949	100.223	100.498	100.757	101.031	101.214	101.321
60	65.295	65.524	65.738	65.966	66.134	66.317	66.485	66.653	66.775	66.851
65	43.317	43.454	43.576	43.713	43.805	43.896	43.972	44.064	44.140	44.201
70	28.537	28.598	28.674	28.735	28.781	28.842	28.888	28.934	28.979	29.025
75	17.647	17.662	17.693	17.723	17.754	17.769	17.799	17.815	17.845	17.860
80	8.770	8.755	8.724	8.694	8.679	8.679	8.663	8.648	8.648	8.648
85	1.800	1.815	1.815	1.815	1.815	1.815	1.830	1.830	1.830	1.830
90	0.732	0.702	0.702	0.702	0.702	0.702	0.671	0.671	0.671	0.641
95	1.800	1.815	1.815	1.815	1.815	1.815	1.830	1.830	1.830	1.830
100	8.770	8.755	8.724	8.694	8.679	8.679	8.663	8.648	8.648	8.648
105	17.647	17.662	17.693	17.723	17.754	17.769	17.799	17.815	17.845	17.860
110	28.537	28.598	28.674	28.735	28.781	28.842	28.888	28.934	28.979	29.025
115	43.317	43.454	43.576	43.713	43.805	43.896	43.972	44.064	44.140	44.201
120	65.295	65.524	65.738	65.966	66.134	66.317	66.485	66.653	66.775	66.851
125	98.820	99.201	99.567	99.949	100.223	100.498	100.757	101.031	101.214	101.321
130	143.997	144.516	145.019	145.538	145.873	146.224	146.560	146.910	147.124	147.231
135	208.515	208.865	209.216	209.567	209.628	209.689	209.750	209.811	209.811	209.750
140	383.276	379.707	376.122	372.553	368.222	363.890	359.543	355.212	352.100	350.224
145	983.058	978.742	974.426	970.109	968.309	966.494	964.695	962.880	961.842	961.583
150	1845.959	1849.681	1853.387	1857.108	1863.499	1869.875	1876.265	1882.656	1888.055	1892.479

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-N-XX\_.IES****CANDELA TABULATION - (Cont.)**

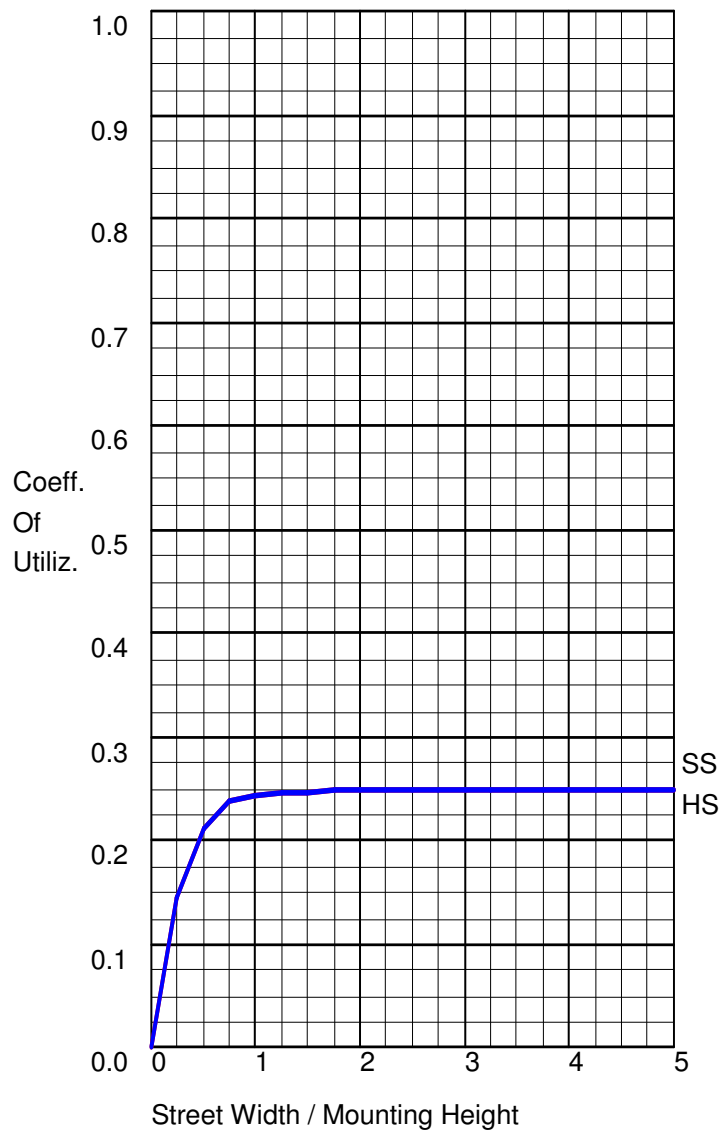
155	2474.264	2473.257	2472.250	2471.244	2469.383	2467.522	2465.676	2463.816	2463.145	2463.663
160	3179.241	3173.156	3167.085	3161.000	3153.221	3145.442	3137.648	3129.870	3124.211	3120.673
165	4602.741	4589.304	4575.852	4562.414	4546.125	4529.835	4513.561	4497.272	4486.656	4481.729
170	7054.645	7028.060	7001.475	6974.891	6946.064	6917.237	6888.395	6859.568	6838.398	6824.899
175	9612.095	9583.649	9555.204	9526.758	9496.436	9466.130	9435.808	9405.487	9383.691	9370.422
180	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736	10380.736

**Vert. Angles**      **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	10381.666	10381.666	10381.666
5	9357.167	9343.898	9330.628
10	6811.401	6797.887	6784.389
15	4476.803	4471.861	4466.935
20	3117.119	3113.580	3110.042
25	2464.197	2464.716	2465.234
30	1896.902	1901.325	1905.748
35	961.309	961.049	960.775
40	348.333	346.457	344.565
45	209.704	209.643	209.582
50	147.338	147.429	147.536
55	101.428	101.535	101.642
60	66.912	66.988	67.049
65	44.278	44.339	44.400
70	29.056	29.101	29.132
75	17.876	17.906	17.921
80	8.648	8.648	8.648
85	1.815	1.815	1.815
90	0.641	0.610	0.610
95	1.815	1.815	1.815
100	8.648	8.648	8.648
105	17.876	17.906	17.921
110	29.056	29.101	29.132
115	44.278	44.339	44.400
120	66.912	66.988	67.049
125	101.428	101.535	101.642
130	147.338	147.429	147.536
135	209.704	209.643	209.582
140	348.333	346.457	344.565
145	961.309	961.049	960.775
150	1896.902	1901.325	1905.748
155	2464.197	2464.716	2465.234
160	3117.119	3113.580	3110.042
165	4476.803	4471.861	4466.935
170	6811.401	6797.887	6784.389
175	9357.167	9343.898	9330.628
180	10380.736	10380.736	10380.736



COEFFICIENTS OF UTILIZATION



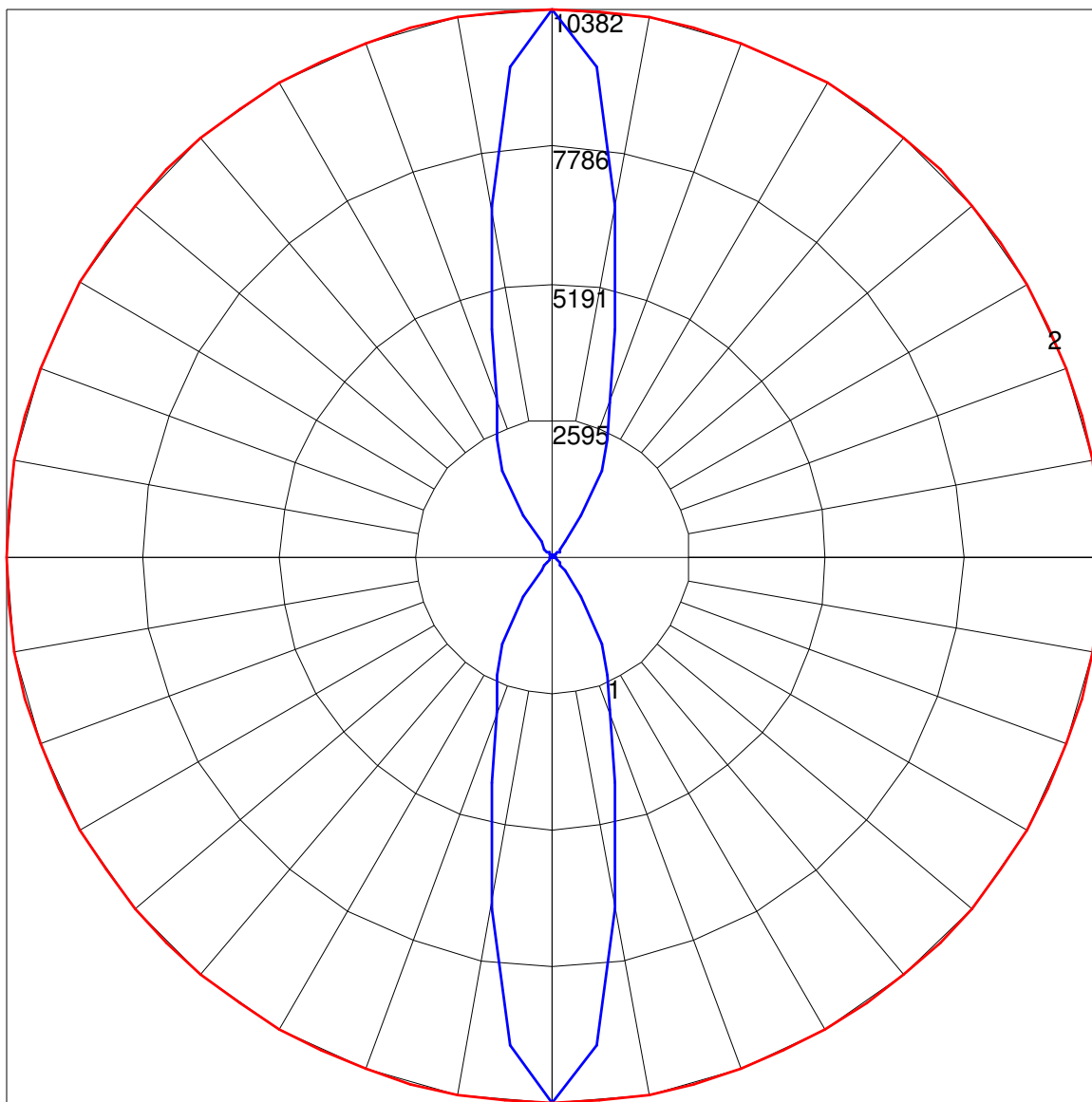
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2133.4	25.0
Downward House Side	2133.4	25.0
Downward Total	4266.8	50.0
Upward Street Side	2133.4	25.0
Upward House Side	2133.4	25.0
Upward Total	4266.8	50.0
Total Flux	8533.6	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-927U-L50-927D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

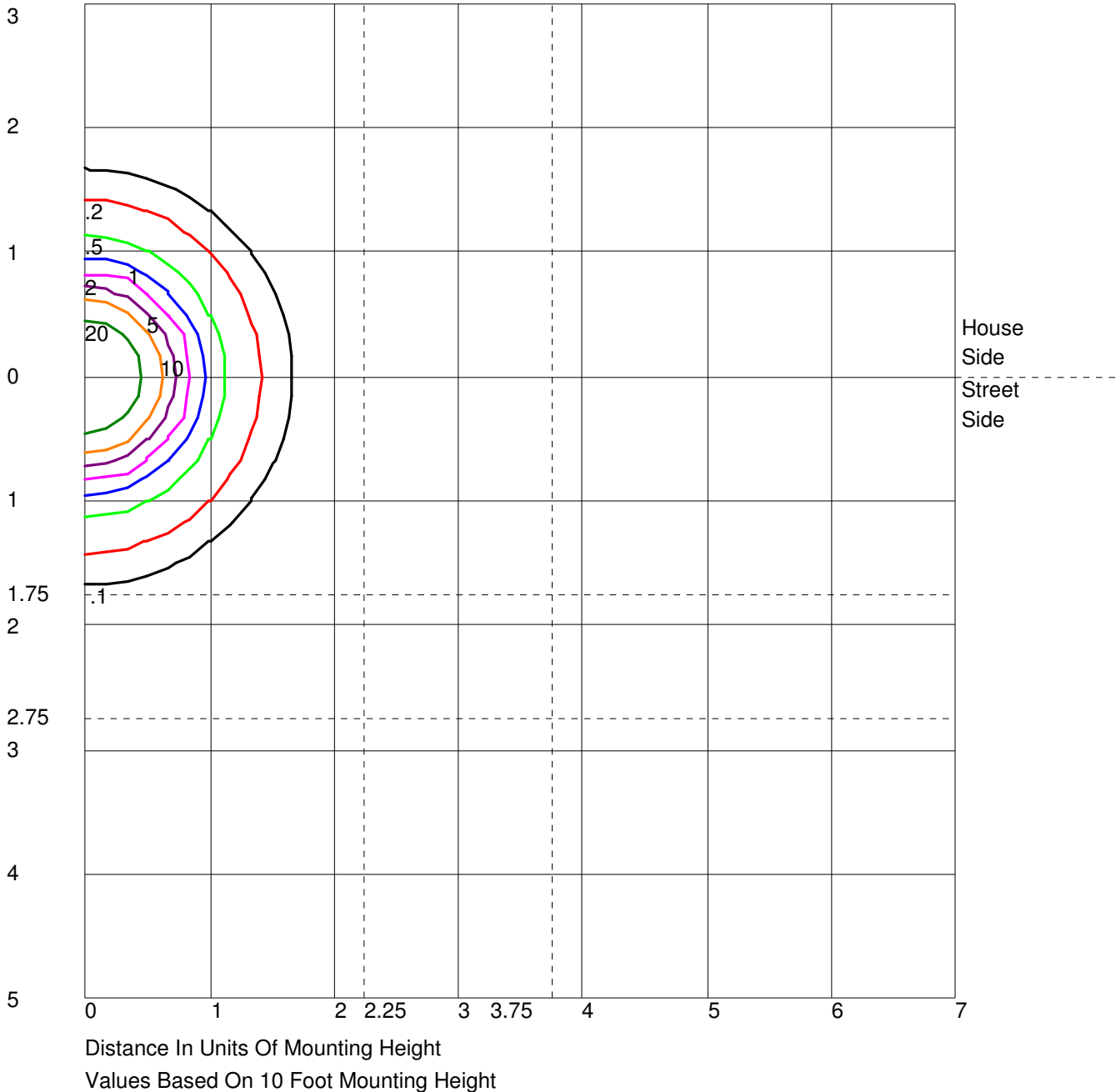


Maximum Candela = 10381.666 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

