

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-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-L50-950U-L50-950D-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	9619
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	25972.979
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	25972.979
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.663 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.877 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2099.3	N.A.	21.8
FM - Front-Medium (30-60)	280.3	N.A.	2.9
FH - Front-High (60-80)	23.5	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2099.3	N.A.	21.8
BM - Back-Medium (30-60)	280.3	N.A.	2.9
BH - Back-High (60-80)	23.5	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)	4806.2	N.A.	50.0
Total	9618.7	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	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629
5	25901.378	25919.270	25937.178	25955.071	25972.979	25990.064	25874.358	25802.651	25730.945	25659.239
10	11135.844	11155.454	11175.064	11194.688	11214.298	11242.508	11279.332	11316.157	11352.982	11389.806
15	3992.543	3992.016	3991.504	3990.977	3990.450	4005.541	4036.236	4066.916	4097.610	4128.305
20	2182.142	2186.449	2190.757	2195.079	2199.387	2205.231	2212.626	2220.021	2227.401	2234.796
25	1803.172	1803.518	1803.865	1804.211	1804.558	1804.618	1804.422	1804.226	1804.015	1803.820
30	1459.701	1456.795	1453.903	1450.996	1448.089	1442.501	1434.233	1425.949	1417.681	1409.397
35	648.671	649.861	651.050	652.240	653.430	654.906	656.683	658.461	660.238	662.015
40	127.583	129.903	132.207	134.527	136.831	140.476	145.446	150.431	155.401	160.372
45	63.905	64.085	64.251	64.432	64.597	64.793	65.019	65.245	65.456	65.682
50	59.898	59.913	59.944	59.959	59.974	59.929	59.808	59.703	59.582	59.462
55	58.829	58.739	58.648	58.573	58.483	58.302	58.016	57.745	57.458	57.187
60	47.639	47.608	47.593	47.563	47.548	47.383	47.081	46.795	46.494	46.193
65	32.005	31.945	31.900	31.839	31.794	31.734	31.659	31.583	31.523	31.448
70	20.830	20.845	20.845	20.860	20.875	20.875	20.875	20.860	20.860	20.860
75	13.856	13.856	13.856	13.871	13.871	13.871	13.871	13.871	13.871	13.871
80	7.681	7.681	7.681	7.681	7.681	7.696	7.711	7.726	7.757	7.772
85	1.566	1.566	1.566	1.581	1.581	1.581	1.581	1.596	1.596	1.596
90	0.512	0.512	0.542	0.542	0.572	0.572	0.572	0.602	0.602	0.602
95	1.566	1.566	1.566	1.581	1.581	1.581	1.581	1.596	1.596	1.596
100	7.681	7.681	7.681	7.681	7.681	7.696	7.711	7.726	7.757	7.772
105	13.856	13.856	13.856	13.871	13.871	13.871	13.871	13.871	13.871	13.871
110	20.830	20.845	20.845	20.860	20.875	20.875	20.875	20.860	20.860	20.860
115	32.005	31.945	31.900	31.839	31.794	31.734	31.659	31.583	31.523	31.448
120	47.639	47.608	47.593	47.563	47.548	47.383	47.081	46.795	46.494	46.193
125	58.829	58.739	58.648	58.573	58.483	58.302	58.016	57.745	57.458	57.187
130	59.898	59.913	59.944	59.959	59.974	59.929	59.808	59.703	59.582	59.462
135	63.905	64.085	64.251	64.432	64.597	64.793	65.019	65.245	65.456	65.682
140	127.583	129.903	132.207	134.527	136.831	140.476	145.446	150.431	155.401	160.372
145	648.671	649.861	651.050	652.240	653.430	654.906	656.683	658.461	660.238	662.015
150	1459.701	1456.795	1453.903	1450.996	1448.089	1442.501	1434.233	1425.949	1417.681	1409.397
155	1803.172	1803.518	1803.865	1804.211	1804.558	1804.618	1804.422	1804.226	1804.015	1803.820
160	2182.142	2186.449	2190.757	2195.079	2199.387	2205.231	2212.626	2220.021	2227.401	2234.796
165	3992.543	3992.016	3991.504	3990.977	3990.450	4005.541	4036.236	4066.916	4097.610	4128.305
170	11135.844	11155.454	11175.064	11194.688	11214.298	11242.508	11279.332	11316.157	11352.982	11389.806
175	25901.378	25919.285	25937.178	25955.086	25972.979	25990.079	25874.373	25802.667	25730.960	25659.239
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629
5	25610.561	25561.883	25513.205	25464.528	25388.017	25283.673	25179.329	25074.985	24970.641	25074.985
10	11428.092	11466.393	11504.678	11542.979	11550.524	11527.315	11504.121	11480.912	11457.717	11480.912
15	4148.984	4169.648	4190.327	4211.006	4219.335	4215.344	4211.352	4207.361	4203.370	4207.361
20	2242.598	2250.384	2258.186	2265.973	2266.771	2260.551	2254.345	2248.125	2241.920	2248.125
25	1804.573	1805.326	1806.064	1806.817	1804.919	1800.386	1795.852	1791.319	1786.785	1791.319
30	1405.586	1401.761	1397.950	1394.140	1390.164	1386.037	1381.925	1377.799	1373.672	1377.799
35	666.910	671.790	676.685	681.580	684.275	684.773	685.270	685.782	686.279	685.782
40	164.242	168.113	171.984	175.855	178.219	179.093	179.966	180.840	181.713	180.840
45	66.028	66.360	66.706	67.052	67.143	66.992	66.827	66.676	66.525	66.676
50	59.522	59.597	59.657	59.733	59.688	59.522	59.356	59.206	59.040	59.206
55	57.127	57.052	56.992	56.916	56.796	56.600	56.419	56.223	56.043	56.223

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CANDELA TABULATION - (Cont.)

60	46.117	46.027	45.952	45.876	45.801	45.756	45.696	45.650	45.590	45.650
65	31.403	31.357	31.312	31.267	31.177	31.011	30.860	30.695	30.544	30.695
70	20.845	20.830	20.815	20.800	20.739	20.649	20.559	20.468	20.378	20.468
75	13.871	13.871	13.886	13.886	13.856	13.796	13.736	13.676	13.615	13.676
80	7.802	7.817	7.862	7.877	7.877	7.847	7.832	7.787	7.772	7.787
85	1.596	1.596	1.596	1.596	1.596	1.581	1.581	1.566	1.566	1.566
90	0.602	0.633	0.633	0.663	0.663	0.633	0.633	0.602	0.602	0.602
95	1.596	1.596	1.596	1.596	1.596	1.581	1.581	1.566	1.566	1.566
100	7.802	7.817	7.862	7.877	7.877	7.847	7.832	7.787	7.772	7.787
105	13.871	13.871	13.886	13.886	13.856	13.796	13.736	13.676	13.615	13.676
110	20.845	20.830	20.815	20.800	20.739	20.649	20.559	20.468	20.378	20.468
115	31.403	31.357	31.312	31.267	31.177	31.011	30.860	30.695	30.544	30.695
120	46.117	46.027	45.952	45.876	45.801	45.756	45.696	45.650	45.590	45.650
125	57.127	57.052	56.992	56.916	56.796	56.600	56.419	56.223	56.043	56.223
130	59.522	59.597	59.657	59.733	59.688	59.522	59.356	59.206	59.040	59.206
135	66.028	66.360	66.706	67.052	67.143	66.992	66.827	66.676	66.525	66.676
140	164.242	168.113	171.984	175.855	178.219	179.093	179.966	180.840	181.713	180.840
145	666.910	671.790	676.685	681.580	684.275	684.773	685.270	685.782	686.279	685.782
150	1405.586	1401.761	1397.950	1394.140	1390.164	1386.037	1381.925	1377.799	1373.672	1377.799
155	1804.573	1805.326	1806.064	1806.817	1804.919	1800.386	1795.852	1791.319	1786.785	1791.319
160	2242.598	2250.384	2258.186	2265.973	2266.771	2260.551	2254.345	2248.125	2241.920	2248.125
165	4148.984	4169.648	4190.327	4211.006	4219.335	4215.344	4211.352	4207.361	4203.370	4207.361
170	11428.092	11466.393	11504.678	11542.979	11550.524	11527.315	11504.121	11480.912	11457.717	11480.912
175	25610.561	25561.883	25513.205	25464.528	25388.017	25283.673	25179.329	25074.985	24970.641	25074.985
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629
5	25179.329	25283.673	25388.017	25464.528	25513.205	25561.883	25610.561	25659.239	25730.945	25802.651
10	11504.121	11527.315	11550.524	11542.979	11504.678	11466.393	11428.092	11389.806	11352.982	11316.157
15	4211.352	4215.344	4219.335	4211.006	4190.327	4169.648	4148.984	4128.305	4097.610	4066.916
20	2254.345	2260.551	2266.771	2265.973	2258.186	2250.384	2242.598	2234.796	2227.401	2220.021
25	1795.852	1800.386	1804.919	1806.817	1806.064	1805.326	1804.573	1803.820	1804.015	1804.226
30	1381.925	1386.037	1390.164	1394.140	1397.950	1401.761	1405.586	1409.397	1417.681	1425.949
35	685.270	684.773	684.275	681.580	676.685	671.790	666.910	662.015	660.238	658.461
40	179.966	179.093	178.219	175.855	171.984	168.113	164.242	160.372	155.401	150.431
45	66.827	66.992	67.143	67.052	66.706	66.360	66.028	65.682	65.456	65.245
50	59.356	59.522	59.688	59.733	59.657	59.597	59.522	59.462	59.582	59.703
55	56.419	56.600	56.796	56.916	56.992	57.052	57.127	57.187	57.458	57.745
60	45.696	45.756	45.801	45.876	45.952	46.027	46.117	46.193	46.494	46.795
65	30.860	31.011	31.177	31.267	31.312	31.357	31.403	31.448	31.523	31.583
70	20.559	20.649	20.739	20.800	20.815	20.830	20.845	20.860	20.860	20.860
75	13.736	13.796	13.856	13.886	13.886	13.871	13.871	13.871	13.871	13.871
80	7.832	7.847	7.877	7.877	7.862	7.817	7.802	7.772	7.757	7.726
85	1.581	1.581	1.596	1.596	1.596	1.596	1.596	1.596	1.596	1.596
90	0.633	0.633	0.663	0.663	0.633	0.633	0.602	0.602	0.602	0.602
95	1.581	1.581	1.596	1.596	1.596	1.596	1.596	1.596	1.596	1.596
100	7.832	7.847	7.877	7.877	7.862	7.817	7.802	7.772	7.757	7.726
105	13.736	13.796	13.856	13.886	13.886	13.871	13.871	13.871	13.871	13.871
110	20.559	20.649	20.739	20.800	20.815	20.830	20.845	20.860	20.860	20.860
115	30.860	31.011	31.177	31.267	31.312	31.357	31.403	31.448	31.523	31.583
120	45.696	45.756	45.801	45.876	45.952	46.027	46.117	46.193	46.494	46.795
125	56.419	56.600	56.796	56.916	56.992	57.052	57.127	57.187	57.458	57.745
130	59.356	59.522	59.688	59.733	59.657	59.597	59.522	59.462	59.582	59.703

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CANDELA TABULATION - (Cont.)

135	66.827	66.992	67.143	67.052	66.706	66.360	66.028	65.682	65.456	65.245
140	179.966	179.093	178.219	175.855	171.984	168.113	164.242	160.372	155.401	150.431
145	685.270	684.773	684.275	681.580	676.685	671.790	666.910	662.015	660.238	658.461
150	1381.925	1386.037	1390.164	1394.140	1397.950	1401.761	1405.586	1409.397	1417.681	1425.949
155	1795.852	1800.386	1804.919	1806.817	1806.064	1805.326	1804.573	1803.820	1804.015	1804.226
160	2254.345	2260.551	2266.771	2265.973	2258.186	2250.384	2242.598	2234.796	2227.401	2220.021
165	4211.352	4215.344	4219.335	4211.006	4190.327	4169.648	4148.984	4128.305	4097.610	4066.916
170	11504.121	11527.315	11550.524	11542.979	11504.678	11466.393	11428.092	11389.806	11352.982	11316.157
175	25179.329	25283.673	25388.017	25464.528	25513.205	25561.883	25610.561	25659.239	25730.960	25802.667
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

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	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629
5	25874.358	25946.064	25972.979	25955.071	25937.178	25919.270	25901.378	25919.270	25937.178	25955.071
10	11279.332	11242.508	11214.298	11194.688	11175.064	11155.454	11135.844	11155.454	11175.064	11194.688
15	4036.236	4005.541	3990.450	3990.977	3991.504	3992.016	3992.543	3992.016	3991.504	3990.977
20	2212.626	2205.231	2199.387	2195.079	2190.757	2186.449	2182.142	2186.449	2190.757	2195.079
25	1804.422	1804.618	1804.558	1804.211	1803.865	1803.518	1803.172	1803.518	1803.865	1804.211
30	1434.233	1442.501	1448.089	1450.996	1453.903	1456.795	1459.701	1456.795	1453.903	1450.996
35	656.683	654.906	653.430	652.240	651.050	649.861	648.671	649.861	651.050	652.240
40	145.446	140.476	136.831	134.527	132.207	129.903	127.583	129.903	132.207	134.527
45	65.019	64.793	64.597	64.432	64.251	64.085	63.905	64.085	64.251	64.432
50	59.808	59.929	59.974	59.959	59.944	59.913	59.898	59.913	59.944	59.959
55	58.016	58.302	58.483	58.573	58.648	58.739	58.829	58.739	58.648	58.573
60	47.081	47.383	47.548	47.563	47.593	47.608	47.639	47.608	47.593	47.563
65	31.659	31.734	31.794	31.839	31.900	31.945	32.005	31.945	31.900	31.839
70	20.875	20.875	20.875	20.860	20.845	20.845	20.830	20.845	20.845	20.860
75	13.871	13.871	13.871	13.871	13.856	13.856	13.856	13.856	13.856	13.871
80	7.711	7.696	7.681	7.681	7.681	7.681	7.681	7.681	7.681	7.681
85	1.581	1.581	1.581	1.581	1.566	1.566	1.566	1.566	1.566	1.581
90	0.572	0.572	0.572	0.542	0.542	0.512	0.512	0.512	0.542	0.542
95	1.581	1.581	1.581	1.581	1.566	1.566	1.566	1.566	1.566	1.581
100	7.711	7.696	7.681	7.681	7.681	7.681	7.681	7.681	7.681	7.681
105	13.871	13.871	13.871	13.871	13.856	13.856	13.856	13.856	13.856	13.871
110	20.875	20.875	20.875	20.860	20.845	20.845	20.830	20.845	20.845	20.860
115	31.659	31.734	31.794	31.839	31.900	31.945	32.005	31.945	31.900	31.839
120	47.081	47.383	47.548	47.563	47.593	47.608	47.639	47.608	47.593	47.563
125	58.016	58.302	58.483	58.573	58.648	58.739	58.829	58.739	58.648	58.573
130	59.808	59.929	59.974	59.959	59.944	59.913	59.898	59.913	59.944	59.959
135	65.019	64.793	64.597	64.432	64.251	64.085	63.905	64.085	64.251	64.432
140	145.446	140.476	136.831	134.527	132.207	129.903	127.583	129.903	132.207	134.527
145	656.683	654.906	653.430	652.240	651.050	649.861	648.671	649.861	651.050	652.240
150	1434.233	1442.501	1448.089	1450.996	1453.903	1456.795	1459.701	1456.795	1453.903	1450.996
155	1804.422	1804.618	1804.558	1804.211	1803.865	1803.518	1803.172	1803.518	1803.865	1804.211
160	2212.626	2205.231	2199.387	2195.079	2190.757	2186.449	2182.142	2186.449	2190.757	2195.079
165	4036.236	4005.541	3990.450	3990.977	3991.504	3992.016	3992.543	3992.016	3991.504	3990.977
170	11279.332	11242.508	11214.298	11194.688	11175.064	11155.454	11135.844	11155.454	11175.064	11194.688
175	25874.373	25946.079	25972.979	25955.086	25937.178	25919.285	25901.378	25919.285	25937.178	25955.086
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

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	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	25972.97925946.06425874.35825802.65125730.94525659.23925610.56125561.88325513.20525464.528
10	11214.29811242.50811279.33211316.15711352.98211389.80611428.09211466.39311504.67811542.979
15	3990.450 4005.541 4036.236 4066.916 4097.610 4128.305 4148.984 4169.648 4190.327 4211.006
20	2199.387 2205.231 2212.626 2220.021 2227.401 2234.796 2242.598 2250.384 2258.186 2265.973
25	1804.558 1804.618 1804.422 1804.226 1804.015 1803.820 1804.573 1805.326 1806.064 1806.817
30	1448.089 1442.501 1434.233 1425.949 1417.681 1409.397 1405.586 1401.761 1397.950 1394.140
35	653.430 654.906 656.683 658.461 660.238 662.015 666.910 671.790 676.685 681.580
40	136.831 140.476 145.446 150.431 155.401 160.372 164.242 168.113 171.984 175.855
45	64.597 64.793 65.019 65.245 65.456 65.682 66.028 66.360 66.706 67.052
50	59.974 59.929 59.808 59.703 59.582 59.462 59.522 59.597 59.657 59.733
55	58.483 58.302 58.016 57.745 57.458 57.187 57.127 57.052 56.992 56.916
60	47.548 47.383 47.081 46.795 46.494 46.193 46.117 46.027 45.952 45.876
65	31.794 31.734 31.659 31.583 31.523 31.448 31.403 31.357 31.312 31.267
70	20.875 20.875 20.875 20.860 20.860 20.860 20.845 20.830 20.815 20.800
75	13.871 13.871 13.871 13.871 13.871 13.871 13.871 13.871 13.886 13.886
80	7.681 7.696 7.711 7.726 7.757 7.772 7.802 7.817 7.862 7.877
85	1.581 1.581 1.581 1.596 1.596 1.596 1.596 1.596 1.596 1.596
90	0.572 0.572 0.572 0.602 0.602 0.602 0.602 0.633 0.633 0.663
95	1.581 1.581 1.581 1.596 1.596 1.596 1.596 1.596 1.596 1.596
100	7.681 7.696 7.711 7.726 7.757 7.772 7.802 7.817 7.862 7.877
105	13.871 13.871 13.871 13.871 13.871 13.871 13.871 13.871 13.886 13.886
110	20.875 20.875 20.875 20.860 20.860 20.860 20.845 20.830 20.815 20.800
115	31.794 31.734 31.659 31.583 31.523 31.448 31.403 31.357 31.312 31.267
120	47.548 47.383 47.081 46.795 46.494 46.193 46.117 46.027 45.952 45.876
125	58.483 58.302 58.016 57.745 57.458 57.187 57.127 57.052 56.992 56.916
130	59.974 59.929 59.808 59.703 59.582 59.462 59.522 59.597 59.657 59.733
135	64.597 64.793 65.019 65.245 65.456 65.682 66.028 66.360 66.706 67.052
140	136.831 140.476 145.446 150.431 155.401 160.372 164.242 168.113 171.984 175.855
145	653.430 654.906 656.683 658.461 660.238 662.015 666.910 671.790 676.685 681.580
150	1448.089 1442.501 1434.233 1425.949 1417.681 1409.397 1405.586 1401.761 1397.950 1394.140
155	1804.558 1804.618 1804.422 1804.226 1804.015 1803.820 1804.573 1805.326 1806.064 1806.817
160	2199.387 2205.231 2212.626 2220.021 2227.401 2234.796 2242.598 2250.384 2258.186 2265.973
165	3990.450 4005.541 4036.236 4066.916 4097.610 4128.305 4148.984 4169.648 4190.327 4211.006
170	11214.29811242.50811279.33211316.15711352.98211389.80611428.09211466.39311504.67811542.979
175	25972.97925946.07925874.37325802.66725730.96025659.23925610.56125561.88325513.20525464.528
180	24929.29824929.29824929.29824929.29824929.29824929.29824929.29824929.29824929.29824929.298

Vert. Angles Horizontal Angles

	250	255	260	265	270	275	280	285	290	295
0	24929.62924929.6									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	7.877	7.847	7.832	7.787	7.772	7.787	7.832	7.847	7.877	7.877
85	1.596	1.581	1.581	1.566	1.566	1.566	1.581	1.581	1.596	1.596
90	0.663	0.633	0.633	0.602	0.602	0.602	0.633	0.633	0.663	0.663
95	1.596	1.581	1.581	1.566	1.566	1.566	1.581	1.581	1.596	1.596
100	7.877	7.847	7.832	7.787	7.772	7.787	7.832	7.847	7.877	7.877
105	13.856	13.796	13.736	13.676	13.615	13.676	13.736	13.796	13.856	13.886
110	20.739	20.649	20.559	20.468	20.378	20.468	20.559	20.649	20.739	20.800
115	31.177	31.011	30.860	30.695	30.544	30.695	30.860	31.011	31.177	31.267
120	45.801	45.756	45.696	45.650	45.590	45.650	45.696	45.756	45.801	45.876
125	56.796	56.600	56.419	56.223	56.043	56.223	56.419	56.600	56.796	56.916
130	59.688	59.522	59.356	59.206	59.040	59.206	59.356	59.522	59.688	59.733
135	67.143	66.992	66.827	66.676	66.525	66.676	66.827	66.992	67.143	67.052
140	178.219	179.093	179.966	180.840	181.713	180.840	179.966	179.093	178.219	175.855
145	684.275	684.773	685.270	685.782	686.279	685.782	685.270	684.773	684.275	681.580
150	1390.164	1386.037	1381.925	1377.799	1373.672	1377.799	1381.925	1386.037	1390.164	1394.140
155	1804.919	1800.386	1795.852	1791.319	1786.785	1791.319	1795.852	1800.386	1804.919	1806.817
160	2266.771	2260.551	2254.345	2248.125	2241.920	2248.125	2254.345	2260.551	2266.771	2265.973
165	4219.335	4215.344	4211.352	4207.361	4203.370	4207.361	4211.352	4215.344	4219.335	4211.006
170	11550.524	11527.315	11504.121	11480.912	11457.717	11480.912	11504.121	11527.315	11550.524	11542.979
175	25388.017	25283.673	25179.329	25074.985	24970.641	25074.985	25179.329	25283.673	25388.017	25464.528
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

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	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629	24929.629
5	25513.205	25561.883	25610.561	25659.239	25730.945	25802.651	25874.358	25946.064	25972.979	25955.071
10	11504.678	11466.393	11428.092	11389.806	11352.982	11316.157	11279.332	11242.508	11214.298	11194.688
15	4190.327	4169.648	4148.984	4128.305	4097.610	4066.916	4036.236	4005.541	3990.450	3990.977
20	2258.186	2250.384	2242.598	2234.796	2227.401	2220.021	2212.626	2205.231	2199.387	2195.079
25	1806.064	1805.326	1804.573	1803.820	1804.015	1804.226	1804.422	1804.618	1804.558	1804.211
30	1397.950	1401.761	1405.586	1409.397	1417.681	1425.949	1434.233	1442.501	1448.089	1450.996
35	676.685	671.790	666.910	662.015	660.238	658.461	656.683	654.906	653.430	652.240
40	171.984	168.113	164.242	160.372	155.401	150.431	145.446	140.476	136.831	134.527
45	66.706	66.360	66.028	65.682	65.456	65.245	65.019	64.793	64.597	64.432
50	59.657	59.597	59.522	59.462	59.582	59.703	59.808	59.929	59.974	59.959
55	56.992	57.052	57.127	57.187	57.458	57.745	58.016	58.302	58.483	58.573
60	45.952	46.027	46.117	46.193	46.494	46.795	47.081	47.383	47.548	47.563
65	31.312	31.357	31.403	31.448	31.523	31.583	31.659	31.734	31.794	31.839
70	20.815	20.830	20.845	20.860	20.860	20.860	20.875	20.875	20.875	20.860
75	13.886	13.871	13.871	13.871	13.871	13.871	13.871	13.871	13.871	13.871
80	7.862	7.817	7.802	7.772	7.757	7.726	7.711	7.696	7.681	7.681
85	1.596	1.596	1.596	1.596	1.596	1.596	1.581	1.581	1.581	1.581
90	0.633	0.633	0.602	0.602	0.602	0.602	0.572	0.572	0.572	0.542
95	1.596	1.596	1.596	1.596	1.596	1.596	1.581	1.581	1.581	1.581
100	7.862	7.817	7.802	7.772	7.757	7.726	7.711	7.696	7.681	7.681
105	13.886	13.871	13.871	13.871	13.871	13.871	13.871	13.871	13.871	13.871
110	20.815	20.830	20.845	20.860	20.860	20.860	20.875	20.875	20.875	20.860
115	31.312	31.357	31.403	31.448	31.523	31.583	31.659	31.734	31.794	31.839
120	45.952	46.027	46.117	46.193	46.494	46.795	47.081	47.383	47.548	47.563
125	56.992	57.052	57.127	57.187	57.458	57.745	58.016	58.302	58.483	58.573
130	59.657	59.597	59.522	59.462	59.582	59.703	59.808	59.929	59.974	59.959
135	66.706	66.360	66.028	65.682	65.456	65.245	65.019	64.793	64.597	64.432
140	171.984	168.113	164.242	160.372	155.401	150.431	145.446	140.476	136.831	134.527
145	676.685	671.790	666.910	662.015	660.238	658.461	656.683	654.906	653.430	652.240
150	1397.950	1401.761	1405.586	1409.397	1417.681	1425.949	1434.233	1442.501	1448.089	1450.996

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-S-XX_.IES

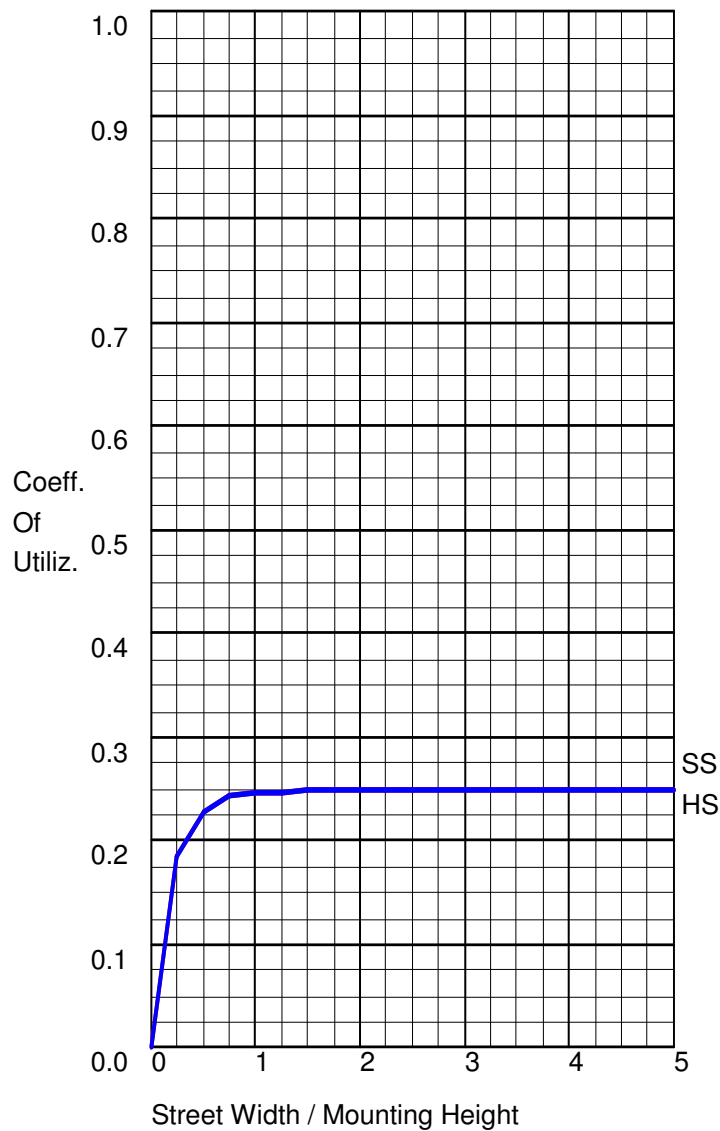
CANDELA TABULATION - (Cont.)

155	1806.064	1805.326	1804.573	1803.820	1804.015	1804.226	1804.422	1804.618	1804.558	1804.211
160	2258.186	2250.384	2242.598	2234.796	2227.401	2220.021	2212.626	2205.231	2199.387	2195.079
165	4190.327	4169.648	4148.984	4128.305	4097.610	4066.916	4036.236	4005.541	3990.450	3990.977
170	11504.678	11466.393	11428.092	11389.806	11352.982	11316.157	11279.332	11242.508	11214.298	11194.688
175	25513.205	25561.883	25610.561	25659.239	25730.960	25802.667	25874.373	25946.079	25972.979	25955.086
180	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298	24929.298

Vert. Horizontal Angles

	350	355	360
0	24929.629	24929.629	24929.629
5	25937.178	25919.270	25901.378
10	11175.064	11155.454	11135.844
15	3991.504	3992.016	3992.543
20	2190.757	2186.449	2182.142
25	1803.865	1803.518	1803.172
30	1453.903	1456.795	1459.701
35	651.050	649.861	648.671
40	132.207	129.903	127.583
45	64.251	64.085	63.905
50	59.944	59.913	59.898
55	58.648	58.739	58.829
60	47.593	47.608	47.639
65	31.900	31.945	32.005
70	20.845	20.845	20.830
75	13.856	13.856	13.856
80	7.681	7.681	7.681
85	1.566	1.566	1.566
90	0.542	0.512	0.512
95	1.566	1.566	1.566
100	7.681	7.681	7.681
105	13.856	13.856	13.856
110	20.845	20.845	20.830
115	31.900	31.945	32.005
120	47.593	47.608	47.639
125	58.648	58.739	58.829
130	59.944	59.913	59.898
135	64.251	64.085	63.905
140	132.207	129.903	127.583
145	651.050	649.861	648.671
150	1453.903	1456.795	1459.701
155	1803.865	1803.518	1803.172
160	2190.757	2186.449	2182.142
165	3991.504	3992.016	3992.543
170	11175.064	11155.454	11135.844
175	25937.178	25919.285	25901.378
180	24929.298	24929.298	24929.298

COEFFICIENTS OF UTILIZATION



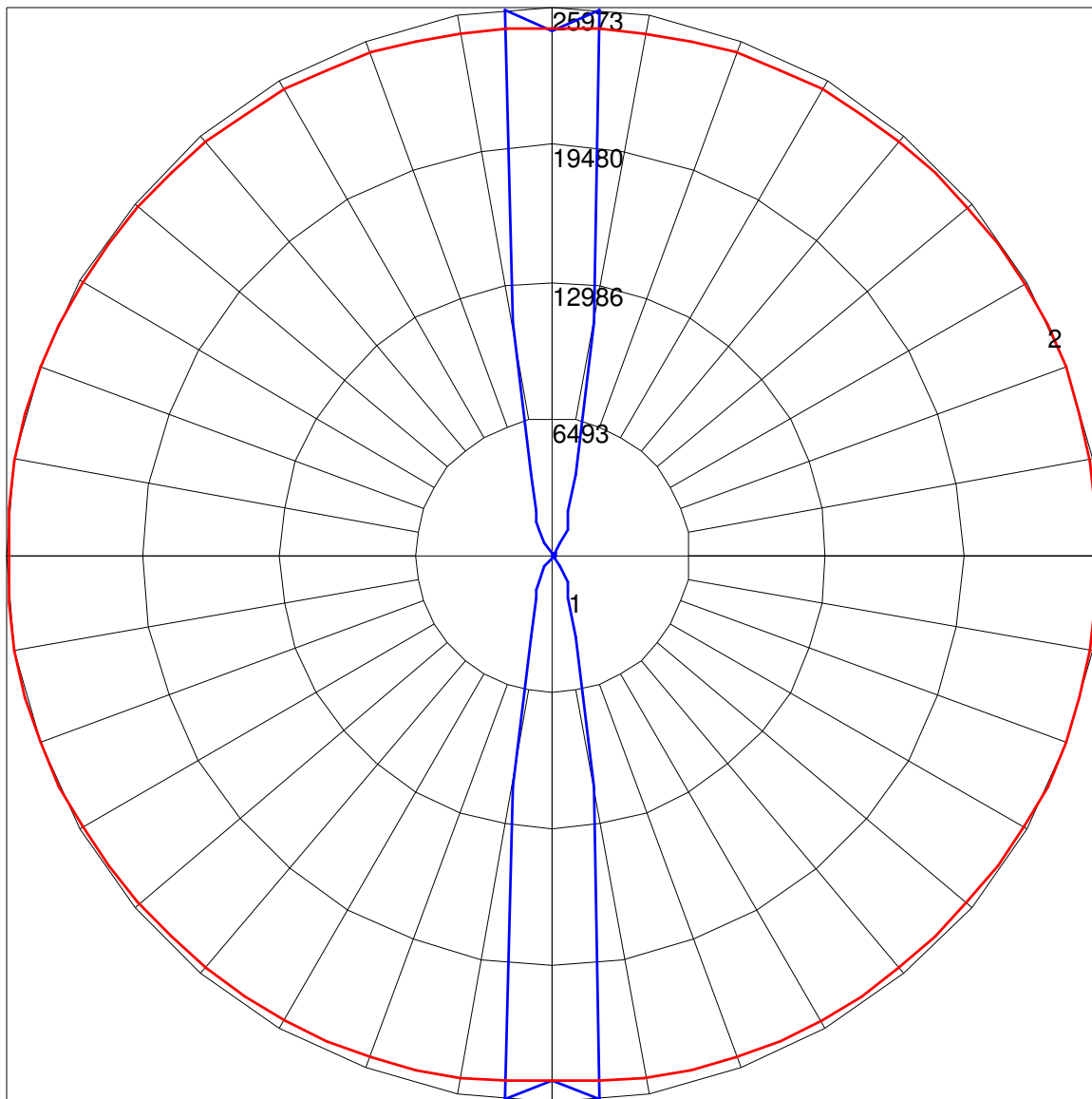
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2404.7	25.0
Downward House Side	2404.7	25.0
Downward Total	4809.4	50.0
Upward Street Side	2404.7	25.0
Upward House Side	2404.7	25.0
Upward Total	4809.4	50.0
Total Flux	9618.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-950U-L50-950D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 25972.979 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

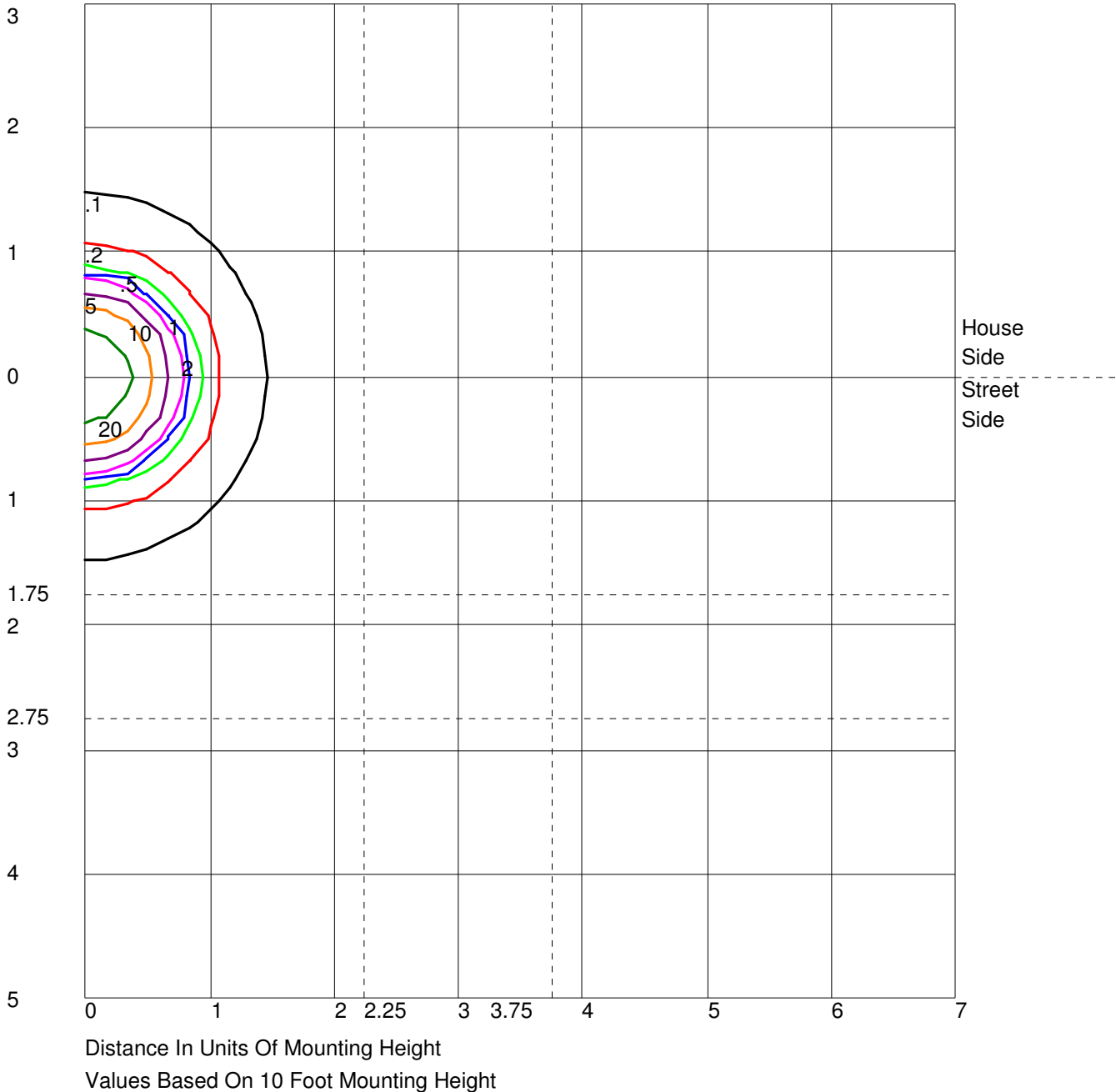


PHOTO LUMENS

