

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-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-L50-940U-L50-940D-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	9926
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26801.894
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	26801.894
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.684 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.128 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2166.3	N.A.	21.8
FM - Front-Medium (30-60)	289.2	N.A.	2.9
FH - Front-High (60-80)	24.3	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2166.3	N.A.	21.8
BM - Back-Medium (30-60)	289.2	N.A.	2.9
BH - Back-High (60-80)	24.3	N.A.	0.2
BVH - Back-Very High (80-90)	1.6	N.A.	0.0
UL - Uplight-Low (90-100)	3.2	N.A.	0.0
UH - Uplight-High (100-180)	4959.6	N.A.	50.0
Total	9925.6	N.A.	100.0
BUG Rating	B3-U5-G0		

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246
5	26728.008	26746.471	26764.951	26783.414	26801.894	26774.120	26700.126	26626.131	26552.136	26478.141
10	11491.239	11511.475	11531.711	11551.962	11572.197	11601.307	11639.307	11677.307	11715.307	11753.307
15	4119.963	4119.419	4118.891	4118.347	4117.803	4133.376	4165.050	4196.709	4228.383	4260.058
20	2251.784	2256.229	2260.674	2265.134	2269.579	2275.610	2283.241	2290.872	2298.487	2306.118
25	1860.719	1861.077	1861.434	1861.792	1862.149	1862.211	1862.009	1861.807	1861.590	1861.388
30	1506.287	1503.287	1500.303	1497.304	1494.304	1488.538	1480.006	1471.458	1462.925	1454.377
35	669.373	670.601	671.828	673.056	674.284	675.807	677.641	679.475	681.309	683.143
40	131.655	134.049	136.427	138.820	141.198	144.959	150.088	155.232	160.361	165.490
45	65.944	66.131	66.302	66.488	66.659	66.861	67.094	67.327	67.545	67.778
50	61.810	61.826	61.857	61.872	61.888	61.841	61.717	61.608	61.484	61.359
55	60.707	60.613	60.520	60.442	60.349	60.163	59.867	59.588	59.292	59.012
60	49.159	49.128	49.112	49.081	49.066	48.895	48.584	48.289	47.978	47.667
65	33.026	32.964	32.918	32.856	32.809	32.747	32.669	32.591	32.529	32.451
70	21.494	21.510	21.510	21.525	21.541	21.541	21.541	21.525	21.525	21.525
75	14.299	14.299	14.299	14.314	14.314	14.314	14.314	14.314	14.314	14.314
80	7.926	7.926	7.926	7.926	7.926	7.942	7.957	7.973	8.004	8.020
85	1.616	1.616	1.616	1.632	1.632	1.632	1.632	1.647	1.647	1.647
90	0.528	0.528	0.560	0.560	0.591	0.591	0.591	0.622	0.622	0.622
95	1.616	1.616	1.616	1.632	1.632	1.632	1.632	1.647	1.647	1.647
100	7.926	7.926	7.926	7.926	7.926	7.942	7.957	7.973	8.004	8.020
105	14.299	14.299	14.299	14.314	14.314	14.314	14.314	14.314	14.314	14.314
110	21.494	21.510	21.510	21.525	21.541	21.541	21.541	21.525	21.525	21.525
115	33.026	32.964	32.918	32.856	32.809	32.747	32.669	32.591	32.529	32.451
120	49.159	49.128	49.112	49.081	49.066	48.895	48.584	48.289	47.978	47.667
125	60.707	60.613	60.520	60.442	60.349	60.163	59.867	59.588	59.292	59.012
130	61.810	61.826	61.857	61.872	61.888	61.841	61.717	61.608	61.484	61.359
135	65.944	66.131	66.302	66.488	66.659	66.861	67.094	67.327	67.545	67.778
140	131.655	134.049	136.427	138.820	141.198	144.959	150.088	155.232	160.361	165.490
145	669.373	670.601	671.828	673.056	674.284	675.807	677.641	679.475	681.309	683.143
150	1506.287	1503.287	1500.303	1497.304	1494.304	1488.538	1480.006	1471.458	1462.925	1454.377
155	1860.719	1861.077	1861.434	1861.792	1862.149	1862.211	1862.009	1861.807	1861.590	1861.388
160	2251.784	2256.229	2260.674	2265.134	2269.579	2275.610	2283.241	2290.872	2298.487	2306.118
165	4119.963	4119.419	4118.891	4118.347	4117.803	4133.376	4165.050	4196.709	4228.383	4260.058
170	11491.239	11511.475	11531.711	11551.962	11572.197	11601.307	11639.307	11677.307	11715.307	11753.307
175	26728.008	26746.487	26764.951	26783.430	26801.894	26774.136	26700.141	26626.146	26552.151	26478.141
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246
5	26427.910	26377.678	26327.447	26277.216	26198.263	26090.589	25982.915	25875.241	25767.567	25675.241
10	11792.814	11832.337	11871.844	11911.367	11919.154	11895.204	11871.269	11847.319	11823.385	11847.319
15	4281.397	4302.720	4324.059	4345.398	4353.993	4349.874	4345.756	4341.637	4337.518	4341.637
20	2314.169	2322.204	2330.255	2338.290	2339.114	2332.695	2326.292	2319.873	2313.470	2319.873
25	1862.165	1862.942	1863.703	1864.481	1862.522	1857.844	1853.166	1848.488	1843.810	1848.488
30	1450.445	1446.497	1442.565	1438.633	1434.530	1430.272	1426.029	1421.770	1417.512	1421.770
35	688.194	693.230	698.281	703.332	706.114	706.627	707.140	707.668	708.181	707.668
40	169.484	173.478	177.473	181.467	183.907	184.808	185.710	186.611	187.513	186.611
45	68.136	68.477	68.835	69.192	69.286	69.130	68.959	68.804	68.648	68.804
50	61.421	61.499	61.561	61.639	61.592	61.421	61.251	61.095	60.924	61.095
55	58.950	58.873	58.810	58.733	58.608	58.406	58.220	58.018	57.831	58.018

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

60	47.589	47.496	47.418	47.341	47.263	47.216	47.154	47.107	47.045	47.107
65	32.405	32.358	32.312	32.265	32.172	32.001	31.845	31.674	31.519	31.674
70	21.510	21.494	21.479	21.463	21.401	21.308	21.215	21.121	21.028	21.121
75	14.314	14.314	14.330	14.330	14.299	14.236	14.174	14.112	14.050	14.112
80	8.051	8.066	8.113	8.128	8.128	8.097	8.082	8.035	8.020	8.035
85	1.647	1.647	1.647	1.647	1.647	1.632	1.632	1.616	1.616	1.616
90	0.622	0.653	0.653	0.684	0.684	0.653	0.653	0.622	0.622	0.622
95	1.647	1.647	1.647	1.647	1.647	1.632	1.632	1.616	1.616	1.616
100	8.051	8.066	8.113	8.128	8.128	8.097	8.082	8.035	8.020	8.035
105	14.314	14.314	14.330	14.330	14.299	14.236	14.174	14.112	14.050	14.112
110	21.510	21.494	21.479	21.463	21.401	21.308	21.215	21.121	21.028	21.121
115	32.405	32.358	32.312	32.265	32.172	32.001	31.845	31.674	31.519	31.674
120	47.589	47.496	47.418	47.341	47.263	47.216	47.154	47.107	47.045	47.107
125	58.950	58.873	58.810	58.733	58.608	58.406	58.220	58.018	57.831	58.018
130	61.421	61.499	61.561	61.639	61.592	61.421	61.251	61.095	60.924	61.095
135	68.136	68.477	68.835	69.192	69.286	69.130	68.959	68.804	68.648	68.804
140	169.484	173.478	177.473	181.467	183.907	184.808	185.710	186.611	187.513	186.611
145	688.194	693.230	698.281	703.332	706.114	706.627	707.140	707.668	708.181	707.668
150	1450.445	1446.497	1442.565	1438.633	1434.530	1430.272	1426.029	1421.770	1417.512	1421.770
155	1862.165	1862.942	1863.703	1864.481	1862.522	1857.844	1853.166	1848.488	1843.810	1848.488
160	2314.169	2322.204	2330.255	2338.290	2339.114	2332.695	2326.292	2319.873	2313.470	2319.873
165	4281.397	4302.720	4324.059	4345.398	4353.993	4349.874	4345.756	4341.637	4337.518	4341.637
170	11792.814	11832.337	11871.844	11911.367	11919.154	11895.204	11871.269	11847.319	11823.385	11847.319
175	26427.910	26377.678	26327.447	26277.216	26198.263	26090.589	25982.915	25875.241	25767.567	25875.241
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246
5	25982.915	26090.589	26198.263	26277.216	26327.447	26377.678	26427.910	26478.141	26552.136	26626.131
10	11871.269	11895.204	11919.154	11911.367	11871.844	11832.337	11792.814	11753.307	11715.307	11677.307
15	4345.756	4349.874	4353.993	4345.398	4324.059	4302.720	4281.397	4260.058	4228.383	4196.709
20	2326.292	2332.695	2339.114	2338.290	2330.255	2322.204	2314.169	2306.118	2298.487	2290.872
25	1853.166	1857.844	1862.522	1864.481	1863.703	1862.942	1862.165	1861.388	1861.590	1861.807
30	1426.029	1430.272	1434.530	1438.633	1442.565	1446.497	1450.445	1454.377	1462.925	1471.458
35	707.140	706.627	706.114	703.332	698.281	693.230	688.194	683.143	681.309	679.475
40	185.710	184.808	183.907	181.467	177.473	173.478	169.484	165.490	160.361	155.232
45	68.959	69.130	69.286	69.192	68.835	68.477	68.136	67.778	67.545	67.327
50	61.251	61.421	61.592	61.639	61.561	61.499	61.421	61.359	61.484	61.608
55	58.220	58.406	58.608	58.733	58.810	58.873	58.950	59.012	59.292	59.588
60	47.154	47.216	47.263	47.341	47.418	47.496	47.589	47.667	47.978	48.289
65	31.845	32.001	32.172	32.265	32.312	32.358	32.405	32.451	32.529	32.591
70	21.215	21.308	21.401	21.463	21.479	21.494	21.510	21.525	21.525	21.525
75	14.174	14.236	14.299	14.330	14.330	14.314	14.314	14.314	14.314	14.314
80	8.082	8.097	8.128	8.128	8.113	8.066	8.051	8.020	8.004	7.973
85	1.632	1.632	1.647	1.647	1.647	1.647	1.647	1.647	1.647	1.647
90	0.653	0.653	0.684	0.684	0.653	0.653	0.622	0.622	0.622	0.622
95	1.632	1.632	1.647	1.647	1.647	1.647	1.647	1.647	1.647	1.647
100	8.082	8.097	8.128	8.128	8.113	8.066	8.051	8.020	8.004	7.973
105	14.174	14.236	14.299	14.330	14.330	14.314	14.314	14.314	14.314	14.314
110	21.215	21.308	21.401	21.463	21.479	21.494	21.510	21.525	21.525	21.525
115	31.845	32.001	32.172	32.265	32.312	32.358	32.405	32.451	32.529	32.591
120	47.154	47.216	47.263	47.341	47.418	47.496	47.589	47.667	47.978	48.289
125	58.220	58.406	58.608	58.733	58.810	58.873	58.950	59.012	59.292	59.588
130	61.251	61.421	61.592	61.639	61.561	61.499	61.421	61.359	61.484	61.608

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

135	68.959	69.130	69.286	69.192	68.835	68.477	68.136	67.778	67.545	67.327
140	185.710	184.808	183.907	181.467	177.473	173.478	169.484	165.490	160.361	155.232
145	707.140	706.627	706.114	703.332	698.281	693.230	688.194	683.143	681.309	679.475
150	1426.029	1430.272	1434.530	1438.633	1442.565	1446.497	1450.445	1454.377	1462.925	1471.458
155	1853.166	1857.844	1862.522	1864.481	1863.703	1862.942	1862.165	1861.388	1861.590	1861.807
160	2326.292	2332.695	2339.114	2338.290	2330.255	2322.204	2314.169	2306.118	2298.487	2290.872
165	4345.756	4349.874	4353.993	4345.398	4324.059	4302.720	4281.397	4260.058	4228.383	4196.709
170	11871.269	11895.204	11919.154	11911.367	11871.844	11832.337	11792.814	11753.307	11715.307	11677.307
175	25982.915	26090.589	26198.263	26277.216	26327.447	26377.678	26427.910	26478.141	26552.151	26626.146
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

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	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246
5	26700.126	26774.120	26801.894	26783.414	26764.951	26746.471	26728.008	26746.471	26764.951	26783.414
10	11639.307	11601.307	11572.197	11551.962	11531.711	11511.475	11491.239	11511.475	11531.711	11551.962
15	4165.050	4133.376	4117.803	4118.347	4118.891	4119.419	4119.963	4119.419	4118.891	4118.347
20	2283.241	2275.610	2269.579	2265.134	2260.674	2256.229	2251.784	2256.229	2260.674	2265.134
25	1862.009	1862.211	1862.149	1861.792	1861.434	1861.077	1860.719	1861.077	1861.434	1861.792
30	1480.006	1488.538	1494.304	1497.304	1500.303	1503.287	1506.287	1503.287	1500.303	1497.304
35	677.641	675.807	674.284	673.056	671.828	670.601	669.373	670.601	671.828	673.056
40	150.088	144.959	141.198	138.820	136.427	134.049	131.655	134.049	136.427	138.820
45	67.094	66.861	66.659	66.488	66.302	66.131	65.944	66.131	66.302	66.488
50	61.717	61.841	61.888	61.872	61.857	61.826	61.810	61.826	61.857	61.872
55	59.867	60.163	60.349	60.442	60.520	60.613	60.707	60.613	60.520	60.442
60	48.584	48.895	49.066	49.081	49.112	49.128	49.159	49.128	49.112	49.081
65	32.669	32.747	32.809	32.856	32.918	32.964	33.026	32.964	32.918	32.856
70	21.541	21.541	21.541	21.525	21.510	21.510	21.494	21.510	21.510	21.525
75	14.314	14.314	14.314	14.314	14.299	14.299	14.299	14.299	14.299	14.314
80	7.957	7.942	7.926	7.926	7.926	7.926	7.926	7.926	7.926	7.926
85	1.632	1.632	1.632	1.632	1.616	1.616	1.616	1.616	1.616	1.632
90	0.591	0.591	0.591	0.560	0.560	0.528	0.528	0.528	0.560	0.560
95	1.632	1.632	1.632	1.632	1.616	1.616	1.616	1.616	1.616	1.632
100	7.957	7.942	7.926	7.926	7.926	7.926	7.926	7.926	7.926	7.926
105	14.314	14.314	14.314	14.314	14.299	14.299	14.299	14.299	14.299	14.314
110	21.541	21.541	21.541	21.525	21.510	21.510	21.494	21.510	21.510	21.525
115	32.669	32.747	32.809	32.856	32.918	32.964	33.026	32.964	32.918	32.856
120	48.584	48.895	49.066	49.081	49.112	49.128	49.159	49.128	49.112	49.081
125	59.867	60.163	60.349	60.442	60.520	60.613	60.707	60.613	60.520	60.442
130	61.717	61.841	61.888	61.872	61.857	61.826	61.810	61.826	61.857	61.872
135	67.094	66.861	66.659	66.488	66.302	66.131	65.944	66.131	66.302	66.488
140	150.088	144.959	141.198	138.820	136.427	134.049	131.655	134.049	136.427	138.820
145	677.641	675.807	674.284	673.056	671.828	670.601	669.373	670.601	671.828	673.056
150	1480.006	1488.538	1494.304	1497.304	1500.303	1503.287	1506.287	1503.287	1500.303	1497.304
155	1862.009	1862.211	1862.149	1861.792	1861.434	1861.077	1860.719	1861.077	1861.434	1861.792
160	2283.241	2275.610	2269.579	2265.134	2260.674	2256.229	2251.784	2256.229	2260.674	2265.134
165	4165.050	4133.376	4117.803	4118.347	4118.891	4119.419	4119.963	4119.419	4118.891	4118.347
170	11639.307	11601.307	11572.197	11551.962	11531.711	11511.475	11491.239	11511.475	11531.711	11551.962
175	26700.141	26774.136	26801.894	26783.430	26764.951	26746.487	26728.008	26746.487	26764.951	26783.430
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

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	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	26801.89426774.12026700.12626626.13126552.13626478.14126427.91026377.67826327.44726277.216
10	11572.19711601.30711639.30711677.30711715.30711753.30711792.81411832.33711871.84411911.367
15	4117.803 4133.376 4165.050 4196.709 4228.383 4260.058 4281.397 4302.720 4324.059 4345.398
20	2269.579 2275.610 2283.241 2290.872 2298.487 2306.118 2314.169 2322.204 2330.255 2338.290
25	1862.149 1862.211 1862.009 1861.807 1861.590 1861.388 1862.165 1862.942 1863.703 1864.481
30	1494.304 1488.538 1480.006 1471.458 1462.925 1454.377 1450.445 1446.497 1442.565 1438.633
35	674.284 675.807 677.641 679.475 681.309 683.143 688.194 693.230 698.281 703.332
40	141.198 144.959 150.088 155.232 160.361 165.490 169.484 173.478 177.473 181.467
45	66.659 66.861 67.094 67.327 67.545 67.778 68.136 68.477 68.835 69.192
50	61.888 61.841 61.717 61.608 61.484 61.359 61.421 61.499 61.561 61.639
55	60.349 60.163 59.867 59.588 59.292 59.012 58.950 58.873 58.810 58.733
60	49.066 48.895 48.584 48.289 47.978 47.667 47.589 47.496 47.418 47.341
65	32.809 32.747 32.669 32.591 32.529 32.451 32.405 32.358 32.312 32.265
70	21.541 21.541 21.541 21.525 21.525 21.525 21.510 21.494 21.479 21.463
75	14.314 14.314 14.314 14.314 14.314 14.314 14.314 14.314 14.330 14.330
80	7.926 7.942 7.957 7.973 8.004 8.020 8.051 8.066 8.113 8.128
85	1.632 1.632 1.632 1.647 1.647 1.647 1.647 1.647 1.647 1.647
90	0.591 0.591 0.591 0.622 0.622 0.622 0.622 0.653 0.653 0.684
95	1.632 1.632 1.632 1.647 1.647 1.647 1.647 1.647 1.647 1.647
100	7.926 7.942 7.957 7.973 8.004 8.020 8.051 8.066 8.113 8.128
105	14.314 14.314 14.314 14.314 14.314 14.314 14.314 14.314 14.330 14.330
110	21.541 21.541 21.541 21.525 21.525 21.525 21.510 21.494 21.479 21.463
115	32.809 32.747 32.669 32.591 32.529 32.451 32.405 32.358 32.312 32.265
120	49.066 48.895 48.584 48.289 47.978 47.667 47.589 47.496 47.418 47.341
125	60.349 60.163 59.867 59.588 59.292 59.012 58.950 58.873 58.810 58.733
130	61.888 61.841 61.717 61.608 61.484 61.359 61.421 61.499 61.561 61.639
135	66.659 66.861 67.094 67.327 67.545 67.778 68.136 68.477 68.835 69.192
140	141.198 144.959 150.088 155.232 160.361 165.490 169.484 173.478 177.473 181.467
145	674.284 675.807 677.641 679.475 681.309 683.143 688.194 693.230 698.281 703.332
150	1494.304 1488.538 1480.006 1471.458 1462.925 1454.377 1450.445 1446.497 1442.565 1438.633
155	1862.149 1862.211 1862.009 1861.807 1861.590 1861.388 1862.165 1862.942 1863.703 1864.481
160	2269.579 2275.610 2283.241 2290.872 2298.487 2306.118 2314.169 2322.204 2330.255 2338.290
165	4117.803 4133.376 4165.050 4196.709 4228.383 4260.058 4281.397 4302.720 4324.059 4345.398
170	11572.19711601.30711639.30711677.30711715.30711753.30711792.81411832.33711871.84411911.367
175	26801.89426774.13626700.14126626.14626552.15126478.14126427.91026377.67826327.44726277.216
180	25724.90425724.90425724.90425724.90425724.90425724.90425724.90425724.90425724.904

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	25725.24625725.24625725.24625725.24625725.24625725.24625725.24625725.24625725.24625725.246									
5	26198.26326090.58925982.91525875.24125767.56725875.24125982.91526090.58926198.26326277.216									
10	11919.15411895.20411871.26911847.31911823.38511847.31911871.26911895.20411919.15411911.367									
15	4353.993 4349.874 4345.756 4341.637 4337.518 4341.637 4345.756 4349.874 4353.993 4345.398									
20	2339.114 2332.695 2326.292 2319.873 2313.470 2319.873 2326.292 2332.695 2339.114 2338.290									
25	1862.522 1857.844 1853.166 1848.488 1843.810 1848.488 1853.166 1857.844 1862.522 1864.481									
30	1434.530 1430.272 1426.029 1421.770 1417.512 1421.770 1426.029 1430.272 1434.530 1438.633									
35	706.114 706.627 707.140 707.668 708.181 707.668 707.140 706.627 706.114 703.332									
40	183.907 184.808 185.710 186.611 187.513 186.611 185.710 184.808 183.907 181.467									
45	69.286 69.130 68.959 68.804 68.648 68.804 68.959 69.130 69.286 69.192									
50	61.592 61.421 61.251 61.095 60.924 61.095 61.251 61.421 61.592 61.639									
55	58.608 58.406 58.220 58.018 57.831 58.018 58.220 58.406 58.608 58.733									
60	47.263 47.216 47.154 47.107 47.045 47.107 47.154 47.216 47.263 47.341									
65	32.172 32.001 31.845 31.674 31.519 31.674 31.845 32.001 32.172 32.265									
70	21.401 21.308 21.215 21.121 21.028 21.121 21.215 21.308 21.401 21.463									
75	14.299 14.236 14.174 14.112 14.050 14.112 14.174 14.236 14.299 14.330									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	8.128	8.097	8.082	8.035	8.020	8.035	8.082	8.097	8.128	8.128
85	1.647	1.632	1.632	1.616	1.616	1.616	1.632	1.632	1.647	1.647
90	0.684	0.653	0.653	0.622	0.622	0.622	0.653	0.653	0.684	0.684
95	1.647	1.632	1.632	1.616	1.616	1.616	1.632	1.632	1.647	1.647
100	8.128	8.097	8.082	8.035	8.020	8.035	8.082	8.097	8.128	8.128
105	14.299	14.236	14.174	14.112	14.050	14.112	14.174	14.236	14.299	14.330
110	21.401	21.308	21.215	21.121	21.028	21.121	21.215	21.308	21.401	21.463
115	32.172	32.001	31.845	31.674	31.519	31.674	31.845	32.001	32.172	32.265
120	47.263	47.216	47.154	47.107	47.045	47.107	47.154	47.216	47.263	47.341
125	58.608	58.406	58.220	58.018	57.831	58.018	58.220	58.406	58.608	58.733
130	61.592	61.421	61.251	61.095	60.924	61.095	61.251	61.421	61.592	61.639
135	69.286	69.130	68.959	68.804	68.648	68.804	68.959	69.130	69.286	69.192
140	183.907	184.808	185.710	186.611	187.513	186.611	185.710	184.808	183.907	181.467
145	706.114	706.627	707.140	707.668	708.181	707.668	707.140	706.627	706.114	703.332
150	1434.530	1430.272	1426.029	1421.770	1417.512	1421.770	1426.029	1430.272	1434.530	1438.633
155	1862.522	1857.844	1853.166	1848.488	1843.810	1848.488	1853.166	1857.844	1862.522	1864.481
160	2339.114	2332.695	2326.292	2319.873	2313.470	2319.873	2326.292	2332.695	2339.114	2338.290
165	4353.993	4349.874	4345.756	4341.637	4337.518	4341.637	4345.756	4349.874	4353.993	4345.398
170	11919.154	11895.204	11871.269	11847.319	11823.385	11847.319	11871.269	11895.204	11919.154	11911.367
175	26198.263	26090.589	25982.915	25875.241	25767.567	25875.241	25982.915	26090.589	26198.263	26277.216
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

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	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246	25725.246
5	26327.447	26377.678	26427.910	26478.141	26552.136	26626.131	26700.126	26774.120	26801.894	26783.414
10	11871.844	11832.337	11792.814	11753.307	11715.307	11677.307	11639.307	11601.307	11572.197	11551.962
15	4324.059	4302.720	4281.397	4260.058	4228.383	4196.709	4165.050	4133.376	4117.803	4118.347
20	2330.255	2322.204	2314.169	2306.118	2298.487	2290.872	2283.241	2275.610	2269.579	2265.134
25	1863.703	1862.942	1862.165	1861.388	1861.590	1861.807	1862.009	1862.211	1862.149	1861.792
30	1442.565	1446.497	1450.445	1454.377	1462.925	1471.458	1480.006	1488.538	1494.304	1497.304
35	698.281	693.230	688.194	683.143	681.309	679.475	677.641	675.807	674.284	673.056
40	177.473	173.478	169.484	165.490	160.361	155.232	150.088	144.959	141.198	138.820
45	68.835	68.477	68.136	67.778	67.545	67.327	67.094	66.861	66.659	66.488
50	61.561	61.499	61.421	61.359	61.484	61.608	61.717	61.841	61.888	61.872
55	58.810	58.873	58.950	59.012	59.292	59.588	59.867	60.163	60.349	60.442
60	47.418	47.496	47.589	47.667	47.978	48.289	48.584	48.895	49.066	49.081
65	32.312	32.358	32.405	32.451	32.529	32.591	32.669	32.747	32.809	32.856
70	21.479	21.494	21.510	21.525	21.525	21.525	21.541	21.541	21.541	21.525
75	14.330	14.314	14.314	14.314	14.314	14.314	14.314	14.314	14.314	14.314
80	8.113	8.066	8.051	8.020	8.004	7.973	7.957	7.942	7.926	7.926
85	1.647	1.647	1.647	1.647	1.647	1.647	1.632	1.632	1.632	1.632
90	0.653	0.653	0.622	0.622	0.622	0.622	0.591	0.591	0.591	0.560
95	1.647	1.647	1.647	1.647	1.647	1.647	1.632	1.632	1.632	1.632
100	8.113	8.066	8.051	8.020	8.004	7.973	7.957	7.942	7.926	7.926
105	14.330	14.314	14.314	14.314	14.314	14.314	14.314	14.314	14.314	14.314
110	21.479	21.494	21.510	21.525	21.525	21.525	21.541	21.541	21.541	21.525
115	32.312	32.358	32.405	32.451	32.529	32.591	32.669	32.747	32.809	32.856
120	47.418	47.496	47.589	47.667	47.978	48.289	48.584	48.895	49.066	49.081
125	58.810	58.873	58.950	59.012	59.292	59.588	59.867	60.163	60.349	60.442
130	61.561	61.499	61.421	61.359	61.484	61.608	61.717	61.841	61.888	61.872
135	68.835	68.477	68.136	67.778	67.545	67.327	67.094	66.861	66.659	66.488
140	177.473	173.478	169.484	165.490	160.361	155.232	150.088	144.959	141.198	138.820
145	698.281	693.230	688.194	683.143	681.309	679.475	677.641	675.807	674.284	673.056
150	1442.565	1446.497	1450.445	1454.377	1462.925	1471.458	1480.006	1488.538	1494.304	1497.304

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1863.703	1862.942	1862.165	1861.388	1861.590	1861.807	1862.009	1862.211	1862.149	1861.792
160	2330.255	2322.204	2314.169	2306.118	2298.487	2290.872	2283.241	2275.610	2269.579	2265.134
165	4324.059	4302.720	4281.397	4260.058	4228.383	4196.709	4165.050	4133.376	4117.803	4118.347
170	11871.844	11832.337	11792.814	11753.307	11715.307	11677.307	11639.307	11601.307	11572.197	11551.962
175	26327.447	26377.678	26427.910	26478.141	26552.151	26626.146	26700.141	26774.136	26801.894	26783.430
180	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904	25724.904

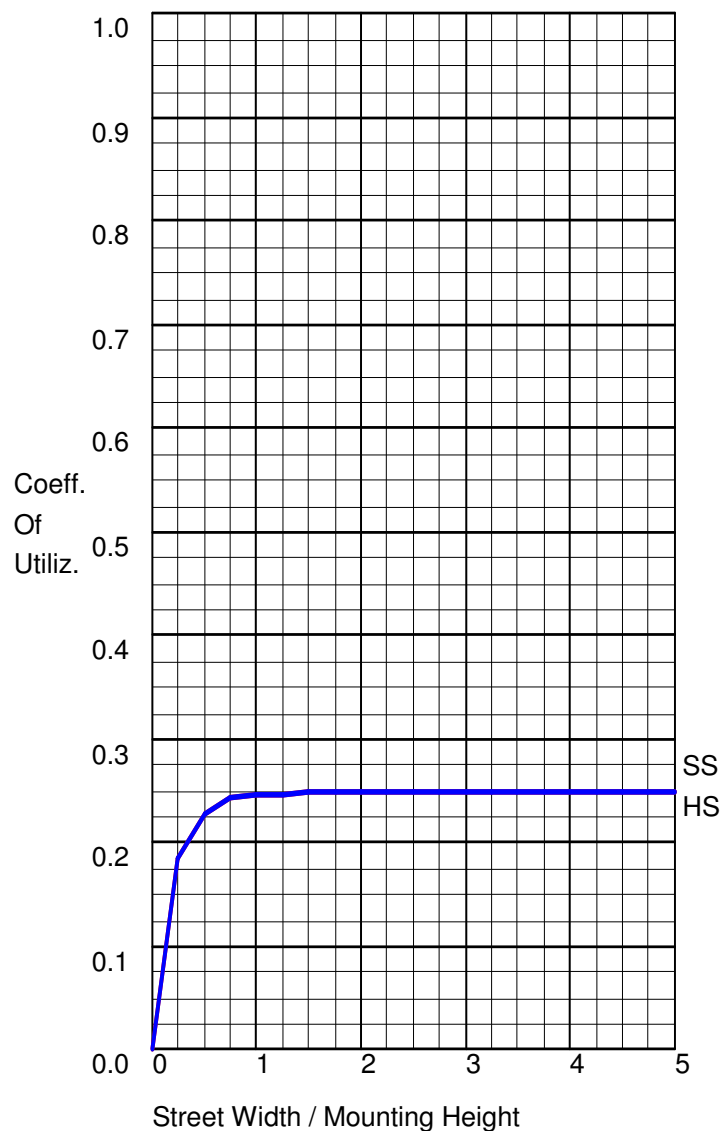
Vert. Horizontal Angles

	350	355	360
0	25725.246	25725.246	25725.246
5	26764.951	26746.471	26728.008
10	11531.711	11511.475	11491.239
15	4118.891	4119.419	4119.963
20	2260.674	2256.229	2251.784
25	1861.434	1861.077	1860.719
30	1500.303	1503.287	1506.287
35	671.828	670.601	669.373
40	136.427	134.049	131.655
45	66.302	66.131	65.944
50	61.857	61.826	61.810
55	60.520	60.613	60.707
60	49.112	49.128	49.159
65	32.918	32.964	33.026
70	21.510	21.510	21.494
75	14.299	14.299	14.299
80	7.926	7.926	7.926
85	1.616	1.616	1.616
90	0.560	0.528	0.528
95	1.616	1.616	1.616
100	7.926	7.926	7.926
105	14.299	14.299	14.299
110	21.510	21.510	21.494
115	32.918	32.964	33.026
120	49.112	49.128	49.159
125	60.520	60.613	60.707
130	61.857	61.826	61.810
135	66.302	66.131	65.944
140	136.427	134.049	131.655
145	671.828	670.601	669.373
150	1500.303	1503.287	1506.287
155	1861.434	1861.077	1860.719
160	2260.674	2256.229	2251.784
165	4118.891	4119.419	4119.963
170	11531.711	11511.475	11491.239
175	26764.951	26746.487	26728.008
180	25724.904	25724.904	25724.904

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



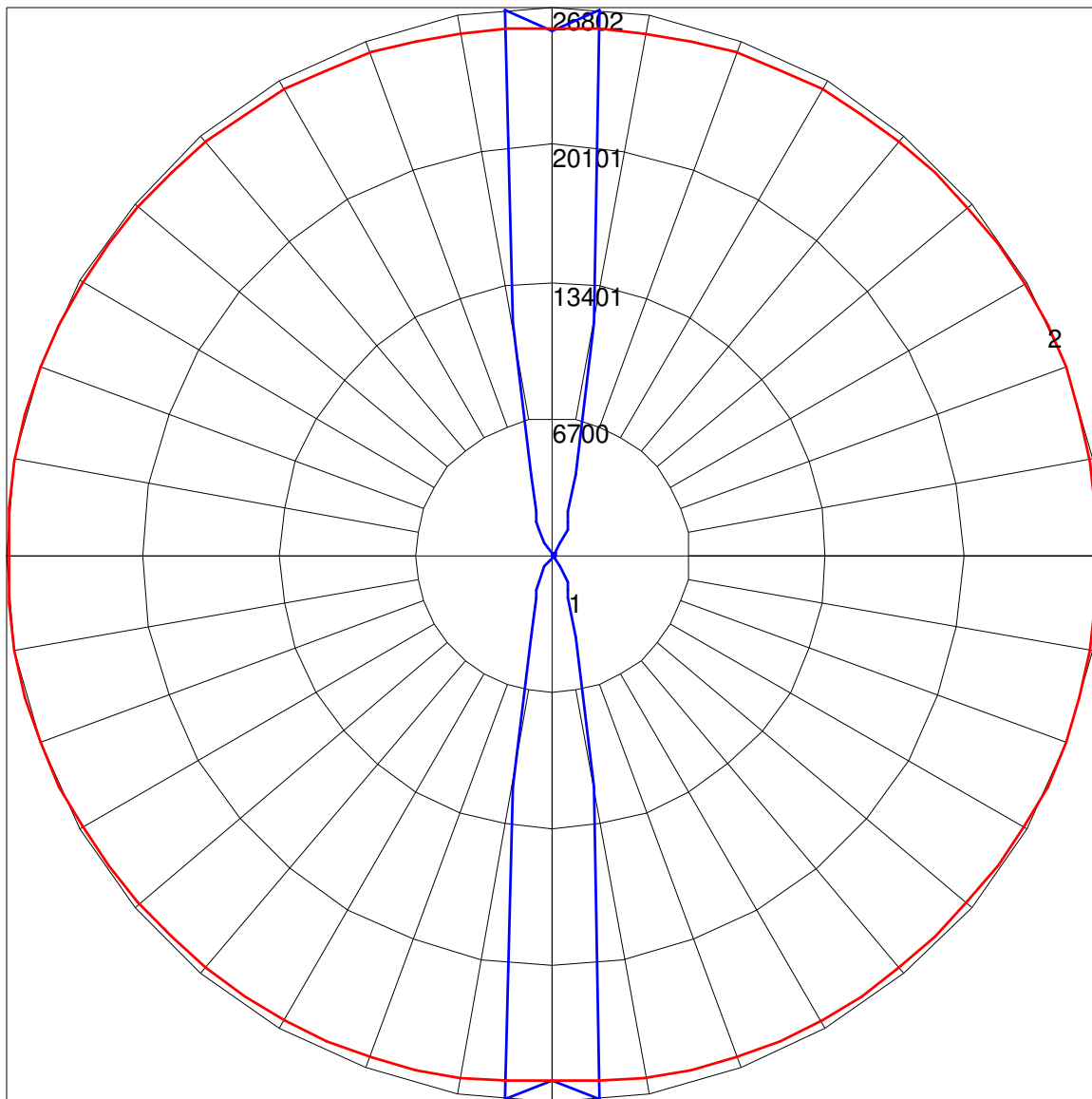
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2481.4	25.0
Downward House Side	2481.4	25.0
Downward Total	4962.8	50.0
Upward Street Side	2481.4	25.0
Upward House Side	2481.4	25.0
Upward Total	4962.8	50.0
Total Flux	9925.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-940U-L50-940D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 26801.894 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

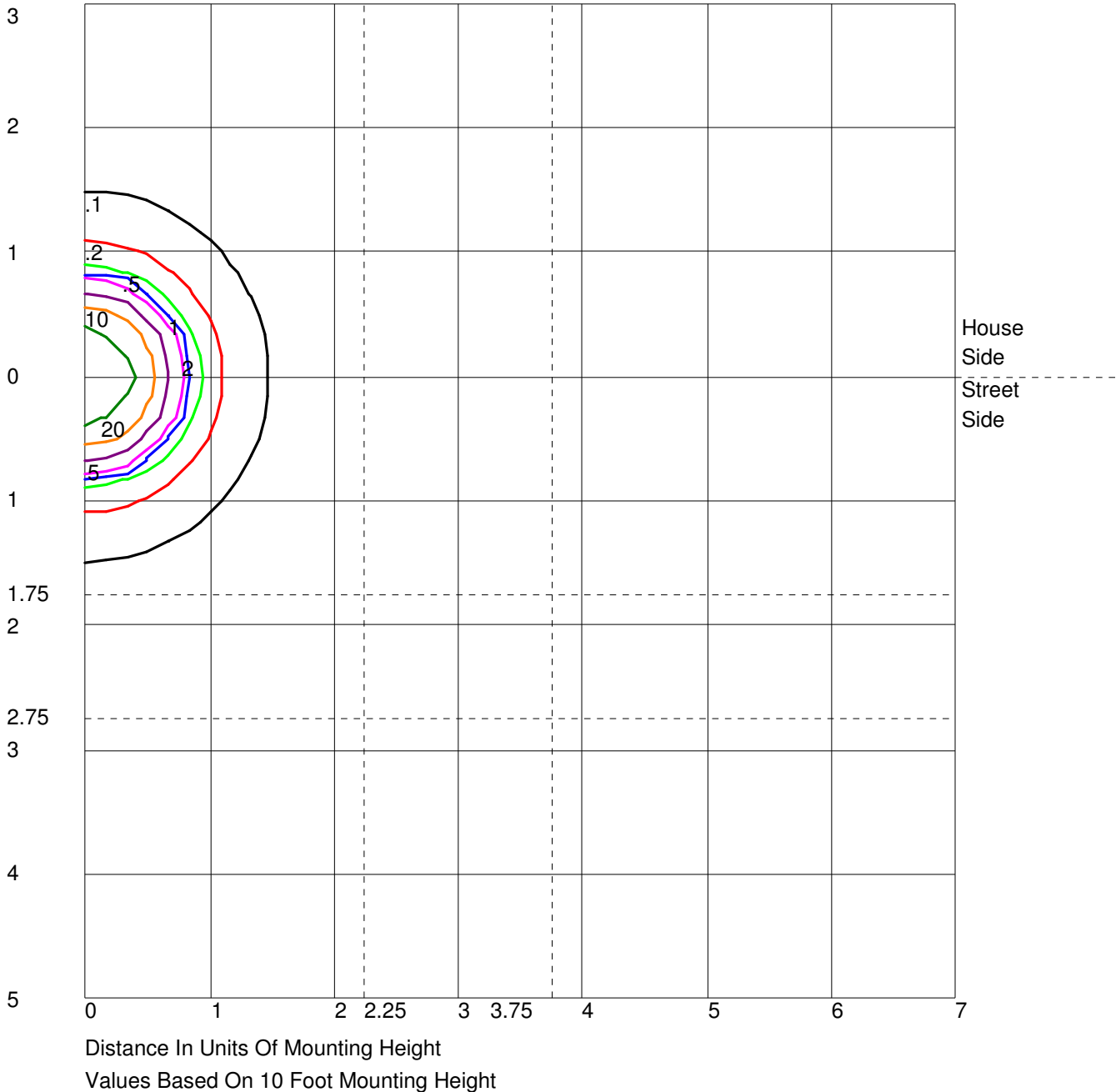


PHOTO LUMENS

