

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR\_Angela-M\_(V18)\_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L20-927U-L20-927D-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	3575
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5156.55
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5156.55
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.316 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.635 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	698.6	N.A.	19.5
FM - Front-Medium (30-60)	181.2	N.A.	5.1
FH - Front-High (60-80)	13.1	N.A.	0.4
FVH - Front-Very High (80-90)	0.7	N.A.	0.0
BL - Back-Low (0-30)	698.6	N.A.	19.5
BM - Back-Medium (30-60)	181.2	N.A.	5.1
BH - Back-High (60-80)	13.1	N.A.	0.4
BVH - Back-Very High (80-90)	0.7	N.A.	0.0
UL - Uplight-Low (90-100)	1.5	N.A.	0.0
UH - Uplight-High (100-180)	1785.9	N.A.	50.0
Total	3574.6	N.A.	100.0
BUG Rating	B2-U5-G0		

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4440.171	4439.957	4439.742	4439.521	4439.307	4439.565	4440.297	4441.023	4441.755	4442.487
10	2941.576	2942.440	2943.311	2944.176	2945.040	2947.344	2951.080	2954.815	2958.551	2962.287
15	1839.850	1840.027	1840.197	1840.374	1840.544	1841.870	1844.343	1846.817	1849.291	1851.765
20	1290.158	1290.348	1290.537	1290.720	1290.909	1291.591	1292.758	1293.932	1295.099	1296.273
25	1031.003	1030.233	1029.457	1028.687	1027.911	1027.425	1027.230	1027.028	1026.832	1026.630
30	782.942	782.059	781.182	780.298	779.421	777.723	775.206	772.688	770.176	767.658
35	368.977	369.160	369.350	369.533	369.716	369.987	370.340	370.694	371.047	371.400
40	132.591	133.070	133.550	134.036	134.515	135.361	136.573	137.778	138.990	140.201
45	84.019	84.126	84.233	84.340	84.448	84.624	84.870	85.117	85.363	85.609
50	58.196	58.272	58.347	58.429	58.505	58.631	58.808	58.991	59.168	59.344
55	39.712	39.756	39.801	39.845	39.889	39.977	40.097	40.223	40.343	40.469
60	26.214	26.246	26.277	26.309	26.340	26.391	26.473	26.555	26.637	26.719
65	17.569	17.575	17.587	17.594	17.600	17.632	17.682	17.733	17.783	17.834
70	11.750	11.750	11.757	11.757	11.763	11.775	11.794	11.820	11.839	11.864
75	7.358	7.352	7.352	7.345	7.339	7.339	7.345	7.352	7.358	7.364
80	3.572	3.572	3.572	3.578	3.578	3.584	3.591	3.597	3.610	3.616
85	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
90	0.278	0.278	0.278	0.290	0.290	0.290	0.290	0.303	0.303	0.303
95	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
100	3.572	3.572	3.572	3.578	3.578	3.584	3.591	3.597	3.610	3.616
105	7.358	7.352	7.352	7.345	7.339	7.339	7.345	7.352	7.358	7.364
110	11.750	11.750	11.757	11.757	11.763	11.775	11.794	11.820	11.839	11.864
115	17.569	17.575	17.587	17.594	17.600	17.632	17.682	17.733	17.783	17.834
120	26.214	26.246	26.277	26.309	26.340	26.391	26.473	26.555	26.637	26.719
125	39.712	39.756	39.801	39.845	39.889	39.977	40.097	40.223	40.343	40.469
130	58.196	58.272	58.347	58.429	58.505	58.631	58.808	58.991	59.168	59.344
135	84.019	84.126	84.233	84.340	84.448	84.624	84.870	85.117	85.363	85.609
140	132.591	133.070	133.550	134.036	134.515	135.361	136.573	137.778	138.990	140.201
145	368.977	369.160	369.350	369.533	369.716	369.987	370.340	370.694	371.047	371.400
150	782.942	782.059	781.182	780.298	779.421	777.723	775.206	772.688	770.176	767.658
155	1031.003	1030.233	1029.457	1028.687	1027.911	1027.425	1027.230	1027.028	1026.832	1026.630
160	1290.158	1290.348	1290.537	1290.720	1290.909	1291.591	1292.758	1293.932	1295.099	1296.273
165	1839.850	1840.027	1840.197	1840.374	1840.544	1841.870	1844.343	1846.817	1849.291	1851.765
170	2941.576	2942.440	2943.311	2944.176	2945.040	2947.344	2951.080	2954.815	2958.551	2962.287
175	4440.171	4439.957	4439.742	4439.527	4439.307	4439.565	4440.297	4441.029	4441.755	4442.487
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4442.557	4442.626	4442.695	4442.765	4442.954	4443.257	4443.566	4443.869	4444.172	4443.869
10	2966.629	2970.977	2975.318	2979.666	2983.061	2985.503	2987.952	2990.394	2992.843	2990.394
15	1855.021	1858.277	1861.527	1864.783	1867.307	1869.093	1870.879	1872.671	1874.457	1872.671
20	1297.762	1299.245	1300.735	1302.218	1303.473	1304.496	1305.512	1306.534	1307.556	1306.534
25	1026.946	1027.255	1027.570	1027.880	1028.441	1029.249	1030.057	1030.864	1031.672	1030.864
30	768.144	768.624	769.110	769.596	770.309	771.249	772.189	773.129	774.070	773.129
35	372.934	374.461	375.995	377.528	378.468	378.828	379.188	379.547	379.907	379.547
40	140.832	141.470	142.101	142.738	143.344	143.924	144.505	145.086	145.666	145.086
45	85.672	85.741	85.804	85.874	85.937	86.000	86.057	86.120	86.183	86.120
50	59.452	59.559	59.666	59.773	59.849	59.893	59.944	59.988	60.038	59.988
55	40.558	40.652	40.741	40.835	40.899	40.943	40.987	41.025	41.069	41.025

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

60	26.776	26.826	26.883	26.940	26.984	27.015	27.053	27.085	27.123	27.085
65	17.859	17.884	17.903	17.928	17.947	17.953	17.966	17.972	17.985	17.972
70	11.870	11.883	11.889	11.895	11.902	11.895	11.895	11.889	11.889	11.889
75	7.371	7.371	7.377	7.383	7.383	7.377	7.371	7.364	7.358	7.364
80	3.622	3.629	3.629	3.635	3.635	3.635	3.629	3.629	3.629	3.629
85	0.770	0.770	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764
90	0.303	0.303	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316
95	0.770	0.770	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764
100	3.622	3.629	3.629	3.635	3.635	3.635	3.629	3.629	3.629	3.629
105	7.371	7.371	7.377	7.383	7.383	7.377	7.371	7.364	7.358	7.364
110	11.870	11.883	11.889	11.895	11.902	11.895	11.895	11.889	11.889	11.889
115	17.859	17.884	17.903	17.928	17.947	17.953	17.966	17.972	17.985	17.972
120	26.776	26.826	26.883	26.940	26.984	27.015	27.053	27.085	27.123	27.085
125	40.558	40.652	40.741	40.835	40.899	40.943	40.987	41.025	41.069	41.025
130	59.452	59.559	59.666	59.773	59.849	59.893	59.944	59.988	60.038	59.988
135	85.672	85.741	85.804	85.874	85.937	86.000	86.057	86.120	86.183	86.120
140	140.832	141.470	142.101	142.738	143.344	143.924	144.505	145.086	145.666	145.086
145	372.934	374.461	375.995	377.528	378.468	378.828	379.188	379.547	379.907	379.547
150	768.144	768.624	769.110	769.596	770.309	771.249	772.189	773.129	774.070	773.129
155	1026.946	1027.255	1027.570	1027.880	1028.441	1029.249	1030.057	1030.864	1031.672	1030.864
160	1297.762	1299.245	1300.735	1302.218	1303.473	1304.496	1305.512	1306.534	1307.556	1306.534
165	1855.021	1858.277	1861.527	1864.783	1867.307	1869.093	1870.879	1872.671	1874.457	1872.671
170	2966.629	2970.977	2975.318	2979.666	2983.061	2985.503	2987.952	2990.394	2992.843	2990.394
175	4442.557	4442.626	4442.702	4442.771	4442.954	4443.263	4443.566	4443.869	4444.172	4443.869
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4443.566	4443.257	4442.954	4442.765	4442.695	4442.626	4442.557	4442.487	4441.755	4441.023
10	2987.952	2985.503	2983.061	2979.666	2975.318	2970.977	2966.629	2962.287	2958.551	2954.815
15	1870.879	1869.093	1867.307	1864.783	1861.527	1858.277	1855.021	1851.765	1849.291	1846.817
20	1305.512	1304.496	1303.473	1302.218	1300.735	1299.245	1297.762	1296.273	1295.099	1293.932
25	1030.057	1029.249	1028.441	1027.880	1027.570	1027.255	1026.946	1026.630	1026.832	1027.028
30	772.189	771.249	770.309	769.596	769.110	768.624	768.144	767.658	770.176	772.688
35	379.188	378.828	378.468	377.528	375.995	374.461	372.934	371.400	371.047	370.694
40	144.505	143.924	143.344	142.738	142.101	141.470	140.832	140.201	138.990	137.778
45	86.057	86.000	85.937	85.874	85.804	85.741	85.672	85.609	85.363	85.117
50	59.944	59.893	59.849	59.773	59.666	59.559	59.452	59.344	59.168	58.991
55	40.987	40.943	40.899	40.835	40.741	40.652	40.558	40.469	40.343	40.223
60	27.053	27.015	26.984	26.940	26.883	26.826	26.776	26.719	26.637	26.555
65	17.966	17.953	17.947	17.928	17.903	17.884	17.859	17.834	17.783	17.733
70	11.895	11.895	11.902	11.895	11.889	11.883	11.870	11.864	11.839	11.820
75	7.371	7.377	7.383	7.383	7.377	7.371	7.371	7.364	7.358	7.352
80	3.629	3.635	3.635	3.635	3.629	3.629	3.622	3.616	3.610	3.597
85	0.764	0.764	0.764	0.764	0.764	0.770	0.770	0.770	0.770	0.770
90	0.316	0.316	0.316	0.316	0.316	0.303	0.303	0.303	0.303	0.303
95	0.764	0.764	0.764	0.764	0.764	0.770	0.770	0.770	0.770	0.770
100	3.629	3.635	3.635	3.635	3.629	3.629	3.622	3.616	3.610	3.597
105	7.371	7.377	7.383	7.383	7.377	7.371	7.371	7.364	7.358	7.352
110	11.895	11.895	11.902	11.895	11.889	11.883	11.870	11.864	11.839	11.820
115	17.966	17.953	17.947	17.928	17.903	17.884	17.859	17.834	17.783	17.733
120	27.053	27.015	26.984	26.940	26.883	26.826	26.776	26.719	26.637	26.555
125	40.987	40.943	40.899	40.835	40.741	40.652	40.558	40.469	40.343	40.223
130	59.944	59.893	59.849	59.773	59.666	59.559	59.452	59.344	59.168	58.991

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

135	86.057	86.000	85.937	85.874	85.804	85.741	85.672	85.609	85.363	85.117
140	144.505	143.924	143.344	142.738	142.101	141.470	140.832	140.201	138.990	137.778
145	379.188	378.828	378.468	377.528	375.995	374.461	372.934	371.400	371.047	370.694
150	772.189	771.249	770.309	769.596	769.110	768.624	768.144	767.658	770.176	772.688
155	1030.057	1029.249	1028.441	1027.880	1027.570	1027.255	1026.946	1026.630	1026.832	1027.028
160	1305.512	1304.496	1303.473	1302.218	1300.735	1299.245	1297.762	1296.273	1295.099	1293.932
165	1870.879	1869.093	1867.307	1864.783	1861.527	1858.277	1855.021	1851.765	1849.291	1846.817
170	2987.952	2985.503	2983.061	2979.666	2975.318	2970.977	2966.629	2962.287	2958.551	2954.815
175	4443.566	4443.263	4442.954	4442.771	4442.702	4442.626	4442.557	4442.487	4441.755	4441.029
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## 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	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4440.297	4439.565	4439.307	4439.521	4439.742	4439.957	4440.171	4439.957	4439.742	4439.521
10	2951.080	2947.344	2945.040	2944.176	2943.311	2942.440	2941.576	2942.440	2943.311	2944.176
15	1844.343	1841.870	1840.544	1840.374	1840.197	1840.027	1839.850	1840.027	1840.197	1840.374
20	1292.758	1291.591	1290.909	1290.720	1290.537	1290.348	1290.158	1290.348	1290.537	1290.720
25	1027.230	1027.425	1027.911	1028.687	1029.457	1030.233	1031.003	1030.233	1029.457	1028.687
30	775.206	777.723	779.421	780.298	781.182	782.059	782.942	782.059	781.182	780.298
35	370.340	369.987	369.716	369.533	369.350	369.160	368.977	369.160	369.350	369.533
40	136.573	135.361	134.515	134.036	133.550	133.070	132.591	133.070	133.550	134.036
45	84.870	84.624	84.448	84.340	84.233	84.126	84.019	84.126	84.233	84.340
50	58.808	58.631	58.505	58.429	58.347	58.272	58.196	58.272	58.347	58.429
55	40.097	39.977	39.889	39.845	39.801	39.756	39.712	39.756	39.801	39.845
60	26.473	26.391	26.340	26.309	26.277	26.246	26.214	26.246	26.277	26.309
65	17.682	17.632	17.600	17.594	17.587	17.575	17.569	17.575	17.587	17.594
70	11.794	11.775	11.763	11.757	11.757	11.750	11.750	11.750	11.757	11.757
75	7.345	7.339	7.339	7.345	7.352	7.352	7.358	7.352	7.352	7.345
80	3.591	3.584	3.578	3.578	3.572	3.572	3.572	3.572	3.572	3.578
85	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
90	0.290	0.290	0.290	0.290	0.278	0.278	0.278	0.278	0.278	0.290
95	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
100	3.591	3.584	3.578	3.578	3.572	3.572	3.572	3.572	3.572	3.578
105	7.345	7.339	7.339	7.345	7.352	7.352	7.358	7.352	7.352	7.345
110	11.794	11.775	11.763	11.757	11.757	11.750	11.750	11.750	11.757	11.757
115	17.682	17.632	17.600	17.594	17.587	17.575	17.569	17.575	17.587	17.594
120	26.473	26.391	26.340	26.309	26.277	26.246	26.214	26.246	26.277	26.309
125	40.097	39.977	39.889	39.845	39.801	39.756	39.712	39.756	39.801	39.845
130	58.808	58.631	58.505	58.429	58.347	58.272	58.196	58.272	58.347	58.429
135	84.870	84.624	84.448	84.340	84.233	84.126	84.019	84.126	84.233	84.340
140	136.573	135.361	134.515	134.036	133.550	133.070	132.591	133.070	133.550	134.036
145	370.340	369.987	369.716	369.533	369.350	369.160	368.977	369.160	369.350	369.533
150	775.206	777.723	779.421	780.298	781.182	782.059	782.942	782.059	781.182	780.298
155	1027.230	1027.425	1027.911	1028.687	1029.457	1030.233	1031.003	1030.233	1029.457	1028.687
160	1292.758	1291.591	1290.909	1290.720	1290.537	1290.348	1290.158	1290.348	1290.537	1290.720
165	1844.343	1841.870	1840.544	1840.374	1840.197	1840.027	1839.850	1840.027	1840.197	1840.374
170	2951.080	2947.344	2945.040	2944.176	2943.311	2942.440	2941.576	2942.440	2943.311	2944.176
175	4440.297	4439.565	4439.307	4439.527	4439.742	4439.957	4440.171	4439.957	4439.742	4439.527
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## 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	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	4439.307	4439.565	4440.297	4441.023	4441.755	4442.487	4442.557	4442.626	4442.695	4442.765
10	2945.040	2947.344	2951.080	2954.815	2958.551	2962.287	2966.629	2970.977	2975.318	2979.666
15	1840.544	1841.870	1844.343	1846.817	1849.291	1851.765	1855.021	1858.277	1861.527	1864.783
20	1290.909	1291.591	1292.758	1293.932	1295.099	1296.273	1297.762	1299.245	1300.735	1302.218
25	1027.911	1027.425	1027.230	1027.028	1026.832	1026.630	1026.946	1027.255	1027.570	1027.880
30	779.421	777.723	775.206	772.688	770.176	767.658	768.144	768.624	769.110	769.596
35	369.716	369.987	370.340	370.694	371.047	371.400	372.934	374.461	375.995	377.528
40	134.515	135.361	136.573	137.778	138.990	140.201	140.832	141.470	142.101	142.738
45	84.448	84.624	84.870	85.117	85.363	85.609	85.672	85.741	85.804	85.874
50	58.505	58.631	58.808	58.991	59.168	59.344	59.452	59.559	59.666	59.773
55	39.889	39.977	40.097	40.223	40.343	40.469	40.558	40.652	40.741	40.835
60	26.340	26.391	26.473	26.555	26.637	26.719	26.776	26.826	26.883	26.940
65	17.600	17.632	17.682	17.733	17.783	17.834	17.859	17.884	17.903	17.928
70	11.763	11.775	11.794	11.820	11.839	11.864	11.870	11.883	11.889	11.895
75	7.339	7.339	7.345	7.352	7.358	7.364	7.371	7.371	7.377	7.383
80	3.578	3.584	3.591	3.597	3.610	3.616	3.622	3.629	3.629	3.635
85	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.764	0.764
90	0.290	0.290	0.290	0.303	0.303	0.303	0.303	0.303	0.316	0.316
95	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.764	0.764
100	3.578	3.584	3.591	3.597	3.610	3.616	3.622	3.629	3.629	3.635
105	7.339	7.339	7.345	7.352	7.358	7.364	7.371	7.371	7.377	7.383
110	11.763	11.775	11.794	11.820	11.839	11.864	11.870	11.883	11.889	11.895
115	17.600	17.632	17.682	17.733	17.783	17.834	17.859	17.884	17.903	17.928
120	26.340	26.391	26.473	26.555	26.637	26.719	26.776	26.826	26.883	26.940
125	39.889	39.977	40.097	40.223	40.343	40.469	40.558	40.652	40.741	40.835
130	58.505	58.631	58.808	58.991	59.168	59.344	59.452	59.559	59.666	59.773
135	84.448	84.624	84.870	85.117	85.363	85.609	85.672	85.741	85.804	85.874
140	134.515	135.361	136.573	137.778	138.990	140.201	140.832	141.470	142.101	142.738
145	369.716	369.987	370.340	370.694	371.047	371.400	372.934	374.461	375.995	377.528
150	779.421	777.723	775.206	772.688	770.176	767.658	768.144	768.624	769.110	769.596
155	1027.911	1027.425	1027.230	1027.028	1026.832	1026.630	1026.946	1027.255	1027.570	1027.880
160	1290.909	1291.591	1292.758	1293.932	1295.099	1296.273	1297.762	1299.245	1300.735	1302.218
165	1840.544	1841.870	1844.343	1846.817	1849.291	1851.765	1855.021	1858.277	1861.527	1864.783
170	2945.040	2947.344	2951.080	2954.815	2958.551	2962.287	2966.629	2970.977	2975.318	2979.666
175	4439.307	4439.565	4440.297	4441.029	4441.755	4442.487	4442.557	4442.626	4442.702	4442.771
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## Vert. Angles 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	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4442.954	4443.257	4443.566	4443.869	4444.172	4443.869	4443.566	4443.257	4442.954	4442.765
10	2983.061	2985.503	2987.952	2990.394	2992.843	2990.394	2987.952	2985.503	2983.061	2979.666
15	1867.307	1869.093	1870.879	1872.671	1874.457	1872.671	1870.879	1869.093	1867.307	1864.783
20	1303.473	1304.496	1305.512	1306.534	1307.556	1306.534	1305.512	1304.496	1303.473	1302.218
25	1028.441	1029.249	1030.057	1030.864	1031.672	1030.864	1030.057	1029.249	1028.441	1027.880
30	770.309	771.249	772.189	773.129	774.070	773.129	772.189	771.249	770.309	769.596
35	378.468	378.828	379.188	379.547	379.907	379.547	379.188	378.828	378.468	377.528
40	143.344	143.924	144.505	145.086	145.666	145.086	144.505	143.924	143.344	142.738
45	85.937	86.000	86.057	86.120	86.183	86.120	86.057	86.000	85.937	85.874
50	59.849	59.893	59.944	59.988	60.038	59.988	59.944	59.893	59.849	59.773
55	40.899	40.943	40.987	41.025	41.069	41.025	40.987	40.943	40.899	40.835
60	26.984	27.015	27.053	27.085	27.123	27.085	27.053	27.015	26.984	26.940
65	17.947	17.953	17.966	17.972	17.985	17.972	17.966	17.953	17.947	17.928
70	11.902	11.895	11.895	11.889	11.889	11.889	11.895	11.895	11.902	11.895
75	7.383	7.377	7.371	7.364	7.358	7.364	7.371	7.377	7.383	7.383

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	3.635	3.635	3.629	3.629	3.629	3.629	3.629	3.635	3.635	3.635
85	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764
90	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316
95	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764	0.764
100	3.635	3.635	3.629	3.629	3.629	3.629	3.629	3.635	3.635	3.635
105	7.383	7.377	7.371	7.364	7.358	7.364	7.371	7.377	7.383	7.383
110	11.902	11.895	11.895	11.889	11.889	11.889	11.895	11.895	11.902	11.895
115	17.947	17.953	17.966	17.972	17.985	17.972	17.966	17.953	17.947	17.928
120	26.984	27.015	27.053	27.085	27.123	27.085	27.053	27.015	26.984	26.940
125	40.899	40.943	40.987	41.025	41.069	41.025	40.987	40.943	40.899	40.835
130	59.849	59.893	59.944	59.988	60.038	59.988	59.944	59.893	59.849	59.773
135	85.937	86.000	86.057	86.120	86.183	86.120	86.057	86.000	85.937	85.874
140	143.344	143.924	144.505	145.086	145.666	145.086	144.505	143.924	143.344	142.738
145	378.468	378.828	379.188	379.547	379.907	379.547	379.188	378.828	378.468	377.528
150	770.309	771.249	772.189	773.129	774.070	773.129	772.189	771.249	770.309	769.596
155	1028.441	1029.249	1030.057	1030.864	1031.672	1030.864	1030.057	1029.249	1028.441	1027.880
160	1303.473	1304.496	1305.512	1306.534	1307.556	1306.534	1305.512	1304.496	1303.473	1302.218
165	1867.307	1869.093	1870.879	1872.671	1874.457	1872.671	1870.879	1869.093	1867.307	1864.783
170	2983.061	2985.503	2987.952	2990.394	2992.843	2990.394	2987.952	2985.503	2983.061	2979.666
175	4442.954	4443.263	4443.566	4443.869	4444.172	4443.869	4443.566	4443.263	4442.954	4442.771
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## 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	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550	5156.550
5	4442.695	4442.626	4442.557	4442.487	4441.755	4441.023	4440.297	4439.565	4439.307	4439.521
10	2975.318	2970.977	2966.629	2962.287	2958.551	2954.815	2951.080	2947.344	2945.040	2944.176
15	1861.527	1858.277	1855.021	1851.765	1849.291	1846.817	1844.343	1841.870	1840.544	1840.374
20	1300.735	1299.245	1297.762	1296.273	1295.099	1293.932	1292.758	1291.591	1290.909	1290.720
25	1027.570	1027.255	1026.946	1026.630	1026.832	1027.028	1027.230	1027.425	1027.911	1028.687
30	769.110	768.624	768.144	767.658	770.176	772.688	775.206	777.723	779.421	780.298
35	375.995	374.461	372.934	371.400	371.047	370.694	370.340	369.987	369.716	369.533
40	142.101	141.470	140.832	140.201	138.990	137.778	136.573	135.361	134.515	134.036
45	85.804	85.741	85.672	85.609	85.363	85.117	84.870	84.624	84.448	84.340
50	59.666	59.559	59.452	59.344	59.168	58.991	58.808	58.631	58.505	58.429
55	40.741	40.652	40.558	40.469	40.343	40.223	40.097	39.977	39.889	39.845
60	26.883	26.826	26.776	26.719	26.637	26.555	26.473	26.391	26.340	26.309
65	17.903	17.884	17.859	17.834	17.783	17.733	17.682	17.632	17.600	17.594
70	11.889	11.883	11.870	11.864	11.839	11.820	11.794	11.775	11.763	11.757
75	7.377	7.371	7.371	7.364	7.358	7.352	7.345	7.339	7.339	7.345
80	3.629	3.629	3.622	3.616	3.610	3.597	3.591	3.584	3.578	3.578
85	0.764	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
90	0.316	0.303	0.303	0.303	0.303	0.303	0.290	0.290	0.290	0.290
95	0.764	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
100	3.629	3.629	3.622	3.616	3.610	3.597	3.591	3.584	3.578	3.578
105	7.377	7.371	7.371	7.364	7.358	7.352	7.345	7.339	7.339	7.345
110	11.889	11.883	11.870	11.864	11.839	11.820	11.794	11.775	11.763	11.757
115	17.903	17.884	17.859	17.834	17.783	17.733	17.682	17.632	17.600	17.594
120	26.883	26.826	26.776	26.719	26.637	26.555	26.473	26.391	26.340	26.309
125	40.741	40.652	40.558	40.469	40.343	40.223	40.097	39.977	39.889	39.845
130	59.666	59.559	59.452	59.344	59.168	58.991	58.808	58.631	58.505	58.429
135	85.804	85.741	85.672	85.609	85.363	85.117	84.870	84.624	84.448	84.340
140	142.101	141.470	140.832	140.201	138.990	137.778	136.573	135.361	134.515	134.036
145	375.995	374.461	372.934	371.400	371.047	370.694	370.340	369.987	369.716	369.533
150	769.110	768.624	768.144	767.658	770.176	772.688	775.206	777.723	779.421	780.298

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1027.570	1027.255	1026.946	1026.630	1026.832	1027.028	1027.230	1027.425	1027.911	1028.687
160	1300.735	1299.245	1297.762	1296.273	1295.099	1293.932	1292.758	1291.591	1290.909	1290.720
165	1861.527	1858.277	1855.021	1851.765	1849.291	1846.817	1844.343	1841.870	1840.544	1840.374
170	2975.318	2970.977	2966.629	2962.287	2958.551	2954.815	2951.080	2947.344	2945.040	2944.176
175	4442.702	4442.626	4442.557	4442.487	4441.755	4441.029	4440.297	4439.565	4439.307	4439.527
180	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342	5156.342

## Vert. Horizontal Angles

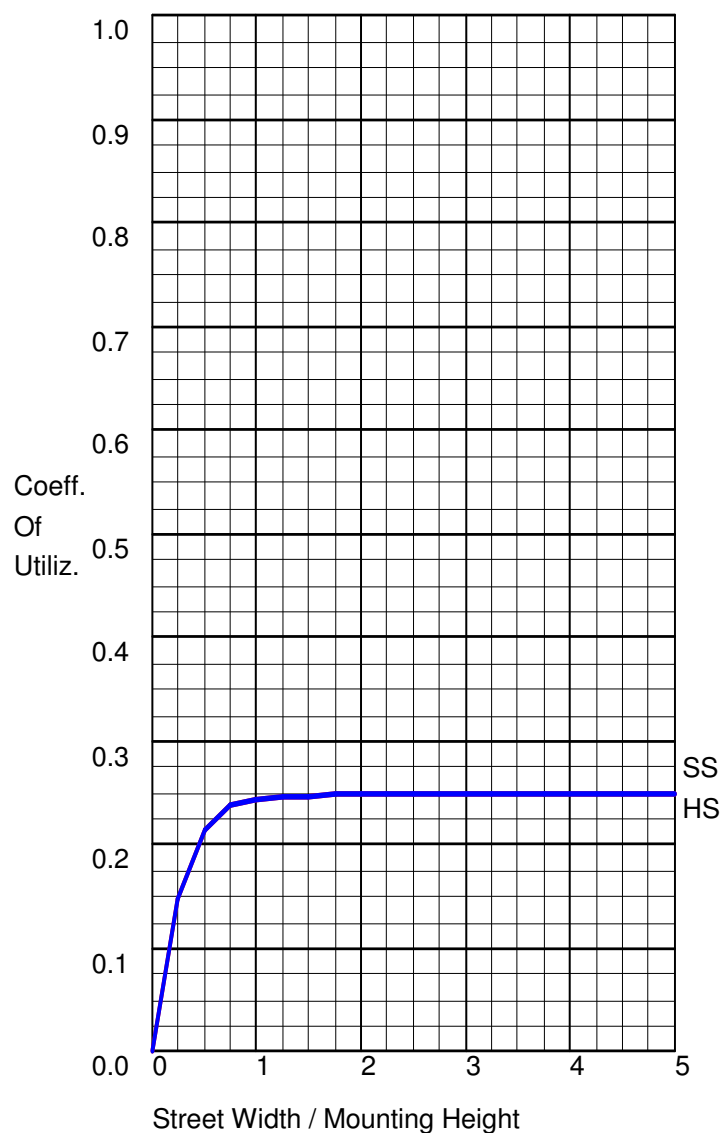
	<u>350</u>	<u>355</u>	<u>360</u>
0	5156.550	5156.550	5156.550
5	4439.742	4439.957	4440.171
10	2943.311	2942.440	2941.576
15	1840.197	1840.027	1839.850
20	1290.537	1290.348	1290.158
25	1029.457	1030.233	1031.003
30	781.182	782.059	782.942
35	369.350	369.160	368.977
40	133.550	133.070	132.591
45	84.233	84.126	84.019
50	58.347	58.272	58.196
55	39.801	39.756	39.712
60	26.277	26.246	26.214
65	17.587	17.575	17.569
70	11.757	11.750	11.750
75	7.352	7.352	7.358
80	3.572	3.572	3.572
85	0.770	0.770	0.770
90	0.278	0.278	0.278
95	0.770	0.770	0.770
100	3.572	3.572	3.572
105	7.352	7.352	7.358
110	11.757	11.750	11.750
115	17.587	17.575	17.569
120	26.277	26.246	26.214
125	39.801	39.756	39.712
130	58.347	58.272	58.196
135	84.233	84.126	84.019
140	133.550	133.070	132.591
145	369.350	369.160	368.977
150	781.182	782.059	782.942
155	1029.457	1030.233	1031.003
160	1290.537	1290.348	1290.158
165	1840.197	1840.027	1839.850
170	2943.311	2942.440	2941.576
175	4439.742	4439.957	4440.171
180	5156.342	5156.342	5156.342



## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES

### COEFFICIENTS OF UTILIZATION



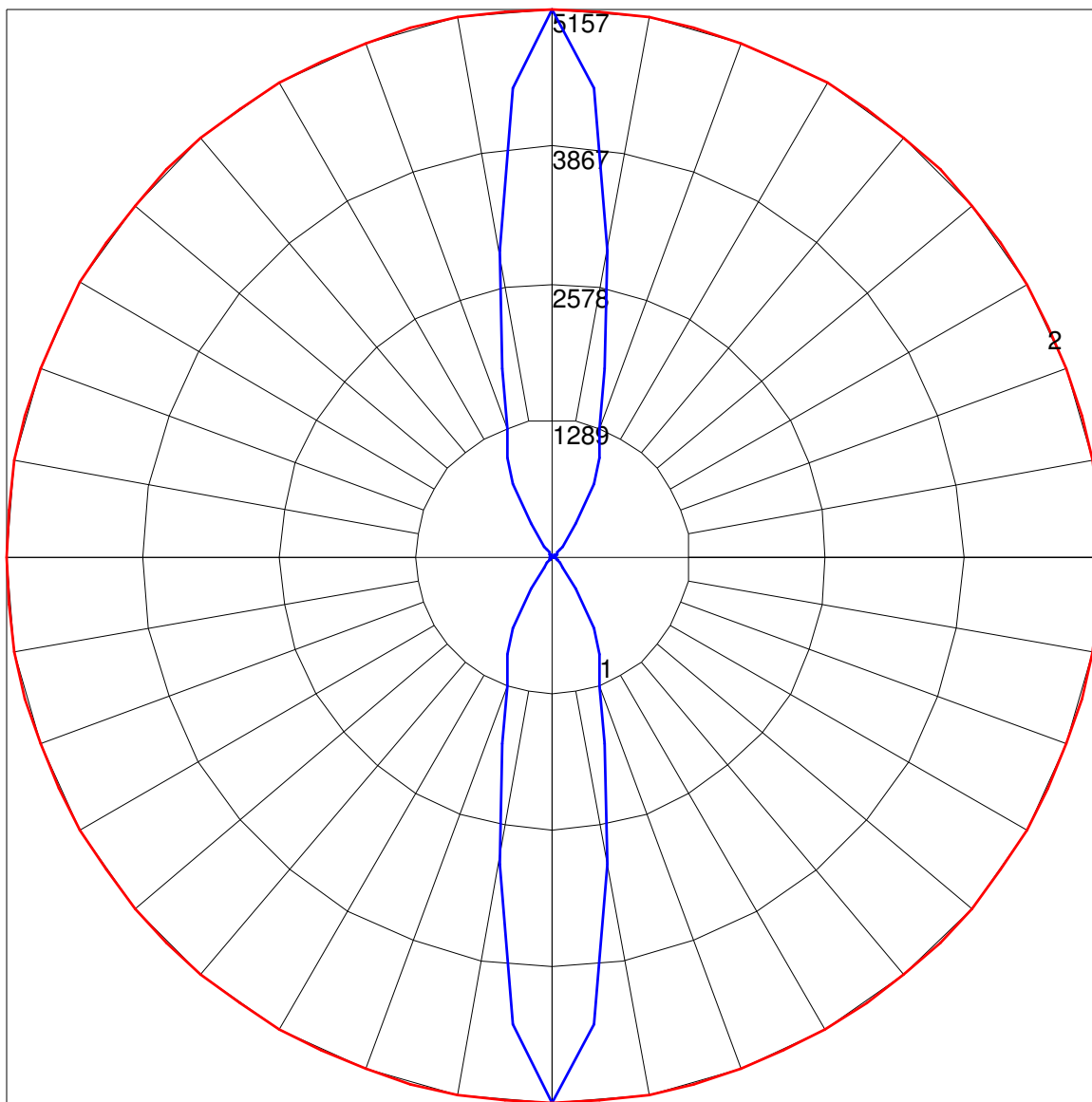
### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	893.7	25.0
Downward House Side	893.7	25.0
Downward Total	1787.4	50.0
Upward Street Side	893.7	25.0
Upward House Side	893.7	25.0
Upward Total	1787.4	50.0
Total Flux	3574.8	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-927U-L20-927D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

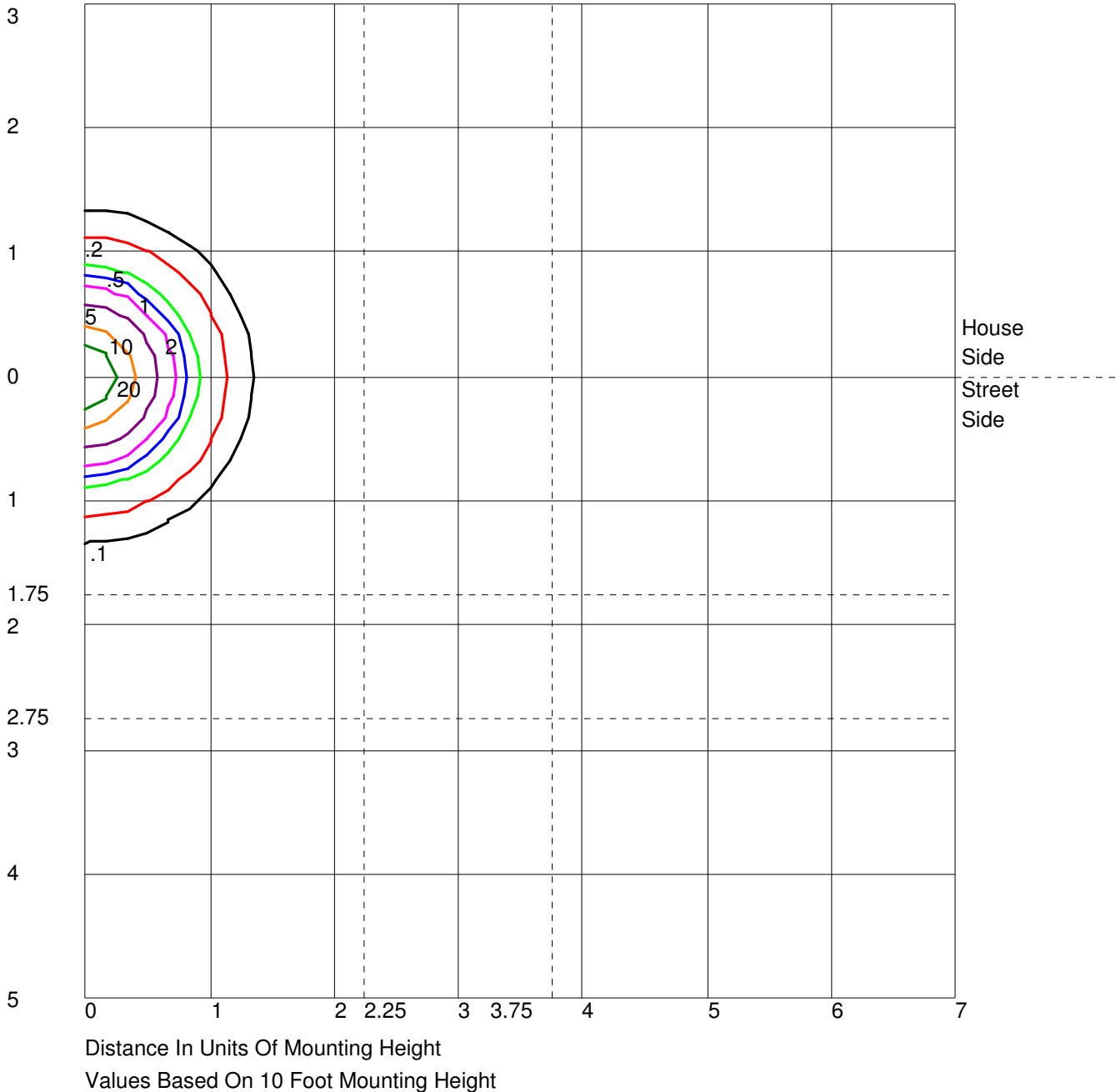


Maximum Candela = 5156.55 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

