

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-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-L50-850U-L50-850D-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	10130
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27354.506
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	27354.506
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.698 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.296 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-S-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2211.0	N.A.	21.8
FM - Front-Medium (30-60)	295.2	N.A.	2.9
FH - Front-High (60-80)	24.8	N.A.	0.2
FVH - Front-Very High (80-90)	1.7	N.A.	0.0
BL - Back-Low (0-30)	2211.0	N.A.	21.8
BM - Back-Medium (30-60)	295.2	N.A.	2.9
BH - Back-High (60-80)	24.8	N.A.	0.2
BVH - Back-Very High (80-90)	1.7	N.A.	0.0
UL - Uplight-Low (90-100)	3.3	N.A.	0.0
UH - Uplight-High (100-180)	5061.8	N.A.	50.0
Total	10130.5	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	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660
5	27279.097	27297.941	27316.802	27335.646	27354.506	27326.161	27250.640	27175.120	27099.599	27024.078
10	11728.171	11748.823	11769.476	11790.145	11810.798	11840.508	11879.291	11918.074	11956.858	11995.641
15	4204.911	4204.355	4203.816	4203.261	4202.706	4218.600	4250.927	4283.239	4315.566	4347.893
20	2298.212	2302.749	2307.285	2311.838	2316.375	2322.529	2330.317	2338.106	2345.878	2353.667
25	1899.084	1899.449	1899.814	1900.179	1900.544	1900.607	1900.401	1900.195	1899.973	1899.767
30	1537.344	1534.283	1531.237	1528.176	1525.114	1519.230	1510.521	1501.797	1493.088	1484.364
35	683.174	684.427	685.680	686.934	688.187	689.741	691.613	693.485	695.356	697.228
40	134.370	136.813	139.239	141.682	144.109	147.948	153.182	158.433	163.667	168.902
45	67.304	67.494	67.669	67.859	68.033	68.240	68.478	68.716	68.938	69.176
50	63.084	63.100	63.132	63.148	63.164	63.116	62.989	62.878	62.751	62.624
55	61.958	61.863	61.768	61.689	61.593	61.403	61.102	60.816	60.515	60.229
60	50.173	50.141	50.125	50.093	50.077	49.903	49.586	49.284	48.967	48.650
65	33.707	33.644	33.596	33.533	33.485	33.422	33.343	33.263	33.200	33.121
70	21.938	21.953	21.953	21.969	21.985	21.985	21.985	21.969	21.969	21.969
75	14.593	14.593	14.593	14.609	14.609	14.609	14.609	14.609	14.609	14.609
80	8.090	8.090	8.090	8.090	8.090	8.106	8.122	8.137	8.169	8.185
85	1.650	1.650	1.650	1.666	1.666	1.666	1.666	1.681	1.681	1.681
90	0.539	0.539	0.571	0.571	0.603	0.603	0.603	0.634	0.634	0.634
95	1.650	1.650	1.650	1.666	1.666	1.666	1.666	1.681	1.681	1.681
100	8.090	8.090	8.090	8.090	8.090	8.106	8.122	8.137	8.169	8.185
105	14.593	14.593	14.593	14.609	14.609	14.609	14.609	14.609	14.609	14.609
110	21.938	21.953	21.953	21.969	21.985	21.985	21.985	21.969	21.969	21.969
115	33.707	33.644	33.596	33.533	33.485	33.422	33.343	33.263	33.200	33.121
120	50.173	50.141	50.125	50.093	50.077	49.903	49.586	49.284	48.967	48.650
125	61.958	61.863	61.768	61.689	61.593	61.403	61.102	60.816	60.515	60.229
130	63.084	63.100	63.132	63.148	63.164	63.116	62.989	62.878	62.751	62.624
135	67.304	67.494	67.669	67.859	68.033	68.240	68.478	68.716	68.938	69.176
140	134.370	136.813	139.239	141.682	144.109	147.948	153.182	158.433	163.667	168.902
145	683.174	684.427	685.680	686.934	688.187	689.741	691.613	693.485	695.356	697.228
150	1537.344	1534.283	1531.237	1528.176	1525.114	1519.230	1510.521	1501.797	1493.088	1484.364
155	1899.084	1899.449	1899.814	1900.179	1900.544	1900.607	1900.401	1900.195	1899.973	1899.767
160	2298.212	2302.749	2307.285	2311.838	2316.375	2322.529	2330.317	2338.106	2345.878	2353.667
165	4204.911	4204.355	4203.816	4203.261	4202.706	4218.600	4250.927	4283.239	4315.566	4347.893
170	11728.171	11748.823	11769.476	11790.145	11810.798	11840.508	11879.291	11918.074	11956.858	11995.641
175	27279.097	27297.957	27316.802	27335.662	27354.506	27326.176	27250.656	27175.135	27099.615	27024.078
180	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660
5	26972.811	26921.544	26870.277	26819.010	26738.430	26628.536	26518.642	26408.747	26298.853	26188.958
10	12035.963	12076.301	12116.623	12156.961	12164.908	12140.464	12116.036	12091.592	12067.148	12042.704
15	4369.672	4391.436	4413.215	4434.993	4443.765	4439.562	4435.358	4431.155	4426.951	4422.748
20	2361.884	2370.084	2378.301	2386.502	2387.343	2380.791	2374.256	2367.705	2361.170	2354.635
25	1900.560	1901.353	1902.130	1902.923	1900.925	1896.150	1891.375	1886.601	1881.826	1877.051
30	1480.351	1476.322	1472.309	1468.296	1464.108	1459.762	1455.431	1451.085	1446.739	1442.393
35	702.384	707.523	712.678	717.833	720.673	721.196	721.720	722.259	722.782	723.305
40	172.979	177.055	181.132	185.208	187.699	188.619	189.539	190.459	191.379	192.299
45	69.540	69.889	70.254	70.619	70.714	70.556	70.381	70.222	70.064	69.905
50	62.688	62.767	62.831	62.910	62.862	62.688	62.513	62.355	62.180	62.011
55	60.166	60.086	60.023	59.944	59.817	59.611	59.420	59.214	59.024	58.833

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## CANDELA TABULATION - (Cont.)

60	48.570	48.475	48.396	48.317	48.237	48.190	48.126	48.079	48.015	48.079
65	33.073	33.025	32.978	32.930	32.835	32.661	32.502	32.327	32.169	32.327
70	21.953	21.938	21.922	21.906	21.842	21.747	21.652	21.557	21.462	21.557
75	14.609	14.609	14.625	14.625	14.593	14.530	14.466	14.403	14.340	14.403
80	8.217	8.233	8.280	8.296	8.296	8.264	8.248	8.201	8.185	8.201
85	1.681	1.681	1.681	1.681	1.681	1.666	1.666	1.650	1.650	1.650
90	0.634	0.666	0.666	0.698	0.698	0.666	0.666	0.634	0.634	0.634
95	1.681	1.681	1.681	1.681	1.681	1.666	1.666	1.650	1.650	1.650
100	8.217	8.233	8.280	8.296	8.296	8.264	8.248	8.201	8.185	8.201
105	14.609	14.609	14.625	14.625	14.593	14.530	14.466	14.403	14.340	14.403
110	21.953	21.938	21.922	21.906	21.842	21.747	21.652	21.557	21.462	21.557
115	33.073	33.025	32.978	32.930	32.835	32.661	32.502	32.327	32.169	32.327
120	48.570	48.475	48.396	48.317	48.237	48.190	48.126	48.079	48.015	48.079
125	60.166	60.086	60.023	59.944	59.817	59.611	59.420	59.214	59.024	59.214
130	62.688	62.767	62.831	62.910	62.862	62.688	62.513	62.355	62.180	62.355
135	69.540	69.889	70.254	70.619	70.714	70.556	70.381	70.222	70.064	70.222
140	172.979	177.055	181.132	185.208	187.699	188.619	189.539	190.459	191.379	190.459
145	702.384	707.523	712.678	717.833	720.673	721.196	721.720	722.259	722.782	722.259
150	1480.351	1476.322	1472.309	1468.296	1464.108	1459.762	1455.431	1451.085	1446.739	1451.085
155	1900.560	1901.353	1902.130	1902.923	1900.925	1896.150	1891.375	1886.601	1881.826	1886.601
160	2361.884	2370.084	2378.301	2386.502	2387.343	2380.791	2374.256	2367.705	2361.170	2367.705
165	4369.672	4391.436	4413.215	4434.993	4443.765	4439.562	4435.358	4431.155	4426.951	4431.155
170	12035.9631	12076.3011	12116.6231	12156.9611	12164.9081	12140.4641	12116.0361	12091.5921	12067.1641	12091.592
175	26972.8112	26921.5442	26870.2772	26819.0102	26738.4302	26628.5362	26518.6422	26408.7472	26298.8532	26408.747
180	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.311

## Vert. Angles

### Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602	26255.6602
5	26518.6422	26628.5362	26738.4302	26819.0102	26870.2772	26921.5442	26972.8112	27024.0782	27099.5992	27175.120
10	12116.0361	12140.4641	12164.9081	12156.9611	12116.6231	12076.3011	12035.9631	11995.6411	11956.8581	11918.074
15	4435.358	4439.562	4443.765	4434.993	4413.215	4391.436	4369.672	4347.893	4315.566	4283.239
20	2374.256	2380.791	2387.343	2386.502	2378.301	2370.084	2361.884	2353.667	2345.878	2338.106
25	1891.375	1896.150	1900.925	1902.923	1902.130	1901.353	1900.560	1899.767	1899.973	1900.195
30	1455.431	1459.762	1464.108	1468.296	1472.309	1476.322	1480.351	1484.364	1493.088	1501.797
35	721.720	721.196	720.673	717.833	712.678	707.523	702.384	697.228	695.356	693.485
40	189.539	188.619	187.699	185.208	181.132	177.055	172.979	168.902	163.667	158.433
45	70.381	70.556	70.714	70.619	70.254	69.889	69.540	69.176	68.938	68.716
50	62.513	62.688	62.862	62.910	62.831	62.767	62.688	62.624	62.751	62.878
55	59.420	59.611	59.817	59.944	60.023	60.086	60.166	60.229	60.515	60.816
60	48.126	48.190	48.237	48.317	48.396	48.475	48.570	48.650	48.967	49.284
65	32.502	32.661	32.835	32.930	32.978	33.025	33.073	33.121	33.200	33.263
70	21.652	21.747	21.842	21.906	21.922	21.938	21.953	21.969	21.969	21.969
75	14.466	14.530	14.593	14.625	14.625	14.609	14.609	14.609	14.609	14.609
80	8.248	8.264	8.296	8.296	8.280	8.233	8.217	8.185	8.169	8.137
85	1.666	1.666	1.681	1.681	1.681	1.681	1.681	1.681	1.681	1.681
90	0.666	0.666	0.698	0.698	0.666	0.666	0.634	0.634	0.634	0.634
95	1.666	1.666	1.681	1.681	1.681	1.681	1.681	1.681	1.681	1.681
100	8.248	8.264	8.296	8.296	8.280	8.233	8.217	8.185	8.169	8.137
105	14.466	14.530	14.593	14.625	14.625	14.609	14.609	14.609	14.609	14.609
110	21.652	21.747	21.842	21.906	21.922	21.938	21.953	21.969	21.969	21.969
115	32.502	32.661	32.835	32.930	32.978	33.025	33.073	33.121	33.200	33.263
120	48.126	48.190	48.237	48.317	48.396	48.475	48.570	48.650	48.967	49.284
125	59.420	59.611	59.817	59.944	60.023	60.086	60.166	60.229	60.515	60.816
130	62.513	62.688	62.862	62.910	62.831	62.767	62.688	62.624	62.751	62.878

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## CANDELA TABULATION - (Cont.)

135	70.381	70.556	70.714	70.619	70.254	69.889	69.540	69.176	68.938	68.716
140	189.539	188.619	187.699	185.208	181.132	177.055	172.979	168.902	163.667	158.433
145	721.720	721.196	720.673	717.833	712.678	707.523	702.384	697.228	695.356	693.485
150	1455.431	1459.762	1464.108	1468.296	1472.309	1476.322	1480.351	1484.364	1493.088	1501.797
155	1891.375	1896.150	1900.925	1902.923	1902.130	1901.353	1900.560	1899.767	1899.973	1900.195
160	2374.256	2380.791	2387.343	2386.502	2378.301	2370.084	2361.884	2353.667	2345.878	2338.106
165	4435.358	4439.562	4443.765	4434.993	4413.215	4391.436	4369.672	4347.893	4315.566	4283.239
170	12116.03612140.46412164.90812156.96112116.62312076.30112035.96311995.64111956.85811918.074									
175	26518.64226628.53626738.43026819.01026870.27726921.54426972.81127024.07827099.61527175.135									
180	26255.31126255.31126255.31126255.31126255.31126255.31126255.31126255.31126255.311									

## 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	26255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.660									
5	27250.64027326.16127354.50627335.64627316.80227297.94127279.09727297.94127316.80227335.646									
10	11879.29111840.50811810.79811790.14511769.47611748.82311728.17111748.82311769.47611790.145									
15	4250.927 4218.600 4202.706 4203.261 4203.816 4204.355 4204.911 4204.355 4203.816 4203.261									
20	2330.317 2322.529 2316.375 2311.838 2307.285 2302.749 2298.212 2302.749 2307.285 2311.838									
25	1900.401 1900.607 1900.544 1900.179 1899.814 1899.449 1899.084 1899.449 1899.814 1900.179									
30	1510.521 1519.230 1525.114 1528.176 1531.237 1534.283 1537.344 1534.283 1531.237 1528.176									
35	691.613 689.741 688.187 686.934 685.680 684.427 683.174 684.427 685.680 686.934									
40	153.182 147.948 144.109 141.682 139.239 136.813 134.370 136.813 139.239 141.682									
45	68.478 68.240 68.033 67.859 67.669 67.494 67.304 67.494 67.669 67.859									
50	62.989 63.116 63.164 63.148 63.132 63.100 63.084 63.100 63.132 63.148									
55	61.102 61.403 61.593 61.689 61.768 61.863 61.958 61.863 61.768 61.689									
60	49.586 49.903 50.077 50.093 50.125 50.141 50.173 50.141 50.125 50.093									
65	33.343 33.422 33.485 33.533 33.596 33.644 33.707 33.644 33.596 33.533									
70	21.985 21.985 21.985 21.969 21.953 21.953 21.938 21.953 21.953 21.969									
75	14.609 14.609 14.609 14.609 14.593 14.593 14.593 14.593 14.593 14.609									
80	8.122 8.106 8.090 8.090 8.090 8.090 8.090 8.090 8.090 8.090									
85	1.666 1.666 1.666 1.666 1.650 1.650 1.650 1.650 1.650 1.666									
90	0.603 0.603 0.603 0.571 0.571 0.539 0.539 0.539 0.571 0.571									
95	1.666 1.666 1.666 1.666 1.650 1.650 1.650 1.650 1.650 1.666									
100	8.122 8.106 8.090 8.090 8.090 8.090 8.090 8.090 8.090 8.090									
105	14.609 14.609 14.609 14.609 14.593 14.593 14.593 14.593 14.593 14.609									
110	21.985 21.985 21.985 21.969 21.953 21.953 21.938 21.953 21.953 21.969									
115	33.343 33.422 33.485 33.533 33.596 33.644 33.707 33.644 33.596 33.533									
120	49.586 49.903 50.077 50.093 50.125 50.141 50.173 50.141 50.125 50.093									
125	61.102 61.403 61.593 61.689 61.768 61.863 61.958 61.863 61.768 61.689									
130	62.989 63.116 63.164 63.148 63.132 63.100 63.084 63.100 63.132 63.148									
135	68.478 68.240 68.033 67.859 67.669 67.494 67.304 67.494 67.669 67.859									
140	153.182 147.948 144.109 141.682 139.239 136.813 134.370 136.813 139.239 141.682									
145	691.613 689.741 688.187 686.934 685.680 684.427 683.174 684.427 685.680 686.934									
150	1510.521 1519.230 1525.114 1528.176 1531.237 1534.283 1537.344 1534.283 1531.237 1528.176									
155	1900.401 1900.607 1900.544 1900.179 1899.814 1899.449 1899.084 1899.449 1899.814 1900.179									
160	2330.317 2322.529 2316.375 2311.838 2307.285 2302.749 2298.212 2302.749 2307.285 2311.838									
165	4250.927 4218.600 4202.706 4203.261 4203.816 4204.355 4204.911 4204.355 4203.816 4203.261									
170	11879.29111840.50811810.79811790.14511769.47611748.82311728.17111748.82311769.47611790.145									
175	27250.65627326.17627354.50627335.66227316.80227297.95727279.09727297.95727316.80227335.662									
180	26255.31126255.31126255.31126255.31126255.31126255.31126255.31126255.31126255.311									

## 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	26255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.660									

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

5	27354.50627326.16127250.64027175.12027099.59927024.07826972.81126921.54426870.27726819.010
10	11810.79811840.50811879.29111918.07411956.85811995.64112035.96312076.30112116.62312156.961
15	4202.706 4218.600 4250.927 4283.239 4315.566 4347.893 4369.672 4391.436 4413.215 4434.993
20	2316.375 2322.529 2330.317 2338.106 2345.878 2353.667 2361.884 2370.084 2378.301 2386.502
25	1900.544 1900.607 1900.401 1900.195 1899.973 1899.767 1900.560 1901.353 1902.130 1902.923
30	1525.114 1519.230 1510.521 1501.797 1493.088 1484.364 1480.351 1476.322 1472.309 1468.296
35	688.187 689.741 691.613 693.485 695.356 697.228 702.384 707.523 712.678 717.833
40	144.109 147.948 153.182 158.433 163.667 168.902 172.979 177.055 181.132 185.208
45	68.033 68.240 68.478 68.716 68.938 69.176 69.540 69.889 70.254 70.619
50	63.164 63.116 62.989 62.878 62.751 62.624 62.688 62.767 62.831 62.910
55	61.593 61.403 61.102 60.816 60.515 60.229 60.166 60.086 60.023 59.944
60	50.077 49.903 49.586 49.284 48.967 48.650 48.570 48.475 48.396 48.317
65	33.485 33.422 33.343 33.263 33.200 33.121 33.073 33.025 32.978 32.930
70	21.985 21.985 21.985 21.969 21.969 21.969 21.953 21.938 21.922 21.906
75	14.609 14.609 14.609 14.609 14.609 14.609 14.609 14.609 14.625 14.625
80	8.090 8.106 8.122 8.137 8.169 8.185 8.217 8.233 8.280 8.296
85	1.666 1.666 1.666 1.681 1.681 1.681 1.681 1.681 1.681 1.681
90	0.603 0.603 0.603 0.634 0.634 0.634 0.634 0.666 0.666 0.698
95	1.666 1.666 1.666 1.681 1.681 1.681 1.681 1.681 1.681 1.681
100	8.090 8.106 8.122 8.137 8.169 8.185 8.217 8.233 8.280 8.296
105	14.609 14.609 14.609 14.609 14.609 14.609 14.609 14.609 14.625 14.625
110	21.985 21.985 21.985 21.969 21.969 21.969 21.953 21.938 21.922 21.906
115	33.485 33.422 33.343 33.263 33.200 33.121 33.073 33.025 32.978 32.930
120	50.077 49.903 49.586 49.284 48.967 48.650 48.570 48.475 48.396 48.317
125	61.593 61.403 61.102 60.816 60.515 60.229 60.166 60.086 60.023 59.944
130	63.164 63.116 62.989 62.878 62.751 62.624 62.688 62.767 62.831 62.910
135	68.033 68.240 68.478 68.716 68.938 69.176 69.540 69.889 70.254 70.619
140	144.109 147.948 153.182 158.433 163.667 168.902 172.979 177.055 181.132 185.208
145	688.187 689.741 691.613 693.485 695.356 697.228 702.384 707.523 712.678 717.833
150	1525.114 1519.230 1510.521 1501.797 1493.088 1484.364 1480.351 1476.322 1472.309 1468.296
155	1900.544 1900.607 1900.401 1900.195 1899.973 1899.767 1900.560 1901.353 1902.130 1902.923
160	2316.375 2322.529 2330.317 2338.106 2345.878 2353.667 2361.884 2370.084 2378.301 2386.502
165	4202.706 4218.600 4250.927 4283.239 4315.566 4347.893 4369.672 4391.436 4413.215 4434.993
170	11810.79811840.50811879.29111918.07411956.85811995.64112035.96312076.30112116.62312156.961
175	27354.50627326.17627250.65627175.13527099.61527024.07826972.81126921.54426870.27726819.010
180	26255.31126255.31126255.31126255.31126255.31126255.31126255.31126255.311

## 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	26255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.66026255.660									
5	26738.43026628.53626518.64226408.74726298.85326408.74726518.64226628.53626738.43026819.010									
10	12164.90812140.46412116.03612091.59212067.16412091.59212116.03612140.46412164.90812156.961									
15	4443.765 4439.562 4435.358 4431.155 4426.951 4431.155 4435.358 4439.562 4443.765 4434.993									
20	2387.343 2380.791 2374.256 2367.705 2361.170 2367.705 2374.256 2380.791 2387.343 2386.502									
25	1900.925 1896.150 1891.375 1886.601 1881.826 1886.601 1891.375 1896.150 1900.925 1902.923									
30	1464.108 1459.762 1455.431 1451.085 1446.739 1451.085 1455.431 1459.762 1464.108 1468.296									
35	720.673 721.196 721.720 722.259 722.782 722.259 721.720 721.196 720.673 717.833									
40	187.699 188.619 189.539 190.459 191.379 190.459 189.539 188.619 187.699 185.208									
45	70.714 70.556 70.381 70.222 70.064 70.222 70.381 70.556 70.714 70.619									
50	62.862 62.688 62.513 62.355 62.180 62.355 62.513 62.688 62.862 62.910									
55	59.817 59.611 59.420 59.214 59.024 59.214 59.420 59.611 59.817 59.944									
60	48.237 48.190 48.126 48.079 48.015 48.079 48.126 48.190 48.237 48.317									
65	32.835 32.661 32.502 32.327 32.169 32.327 32.502 32.661 32.835 32.930									
70	21.842 21.747 21.652 21.557 21.462 21.557 21.652 21.747 21.842 21.906									
75	14.593 14.530 14.466 14.403 14.340 14.403 14.466 14.530 14.593 14.625									

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

80	8.296	8.264	8.248	8.201	8.185	8.201	8.248	8.264	8.296	8.296
85	1.681	1.666	1.666	1.650	1.650	1.650	1.666	1.666	1.681	1.681
90	0.698	0.666	0.666	0.634	0.634	0.634	0.666	0.666	0.698	0.698
95	1.681	1.666	1.666	1.650	1.650	1.650	1.666	1.666	1.681	1.681
100	8.296	8.264	8.248	8.201	8.185	8.201	8.248	8.264	8.296	8.296
105	14.593	14.530	14.466	14.403	14.340	14.403	14.466	14.530	14.593	14.625
110	21.842	21.747	21.652	21.557	21.462	21.557	21.652	21.747	21.842	21.906
115	32.835	32.661	32.502	32.327	32.169	32.327	32.502	32.661	32.835	32.930
120	48.237	48.190	48.126	48.079	48.015	48.079	48.126	48.190	48.237	48.317
125	59.817	59.611	59.420	59.214	59.024	59.214	59.420	59.611	59.817	59.944
130	62.862	62.688	62.513	62.355	62.180	62.355	62.513	62.688	62.862	62.910
135	70.714	70.556	70.381	70.222	70.064	70.222	70.381	70.556	70.714	70.619
140	187.699	188.619	189.539	190.459	191.379	190.459	189.539	188.619	187.699	185.208
145	720.673	721.196	721.720	722.259	722.782	722.259	721.720	721.196	720.673	717.833
150	1464.108	1459.762	1455.431	1451.085	1446.739	1451.085	1455.431	1459.762	1464.108	1468.296
155	1900.925	1896.150	1891.375	1886.601	1881.826	1886.601	1891.375	1896.150	1900.925	1902.923
160	2387.343	2380.791	2374.256	2367.705	2361.170	2367.705	2374.256	2380.791	2387.343	2386.502
165	4443.765	4439.562	4435.358	4431.155	4426.951	4431.155	4435.358	4439.562	4443.765	4434.993
170	12164.908	12140.464	12116.036	12091.592	12067.164	12091.592	12116.036	12140.464	12164.908	12156.961
175	26738.430	26628.536	26518.642	26408.747	26298.853	26408.747	26518.642	26628.536	26738.430	26819.010
180	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311	26255.311

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	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660	26255.660
5	26870.277	26921.544	26972.811	27024.078	27079.599	27175.120	27250.640	27326.161	27354.506	27335.646
10	12116.623	12076.301	12035.963	11995.641	11956.858	11918.074	11879.291	11840.508	11810.798	11790.145
15	4413.215	4391.436	4369.672	4347.893	4315.566	4283.239	4250.927	4218.600	4202.706	4203.261
20	2378.301	2370.084	2361.884	2353.667	2345.878	2338.106	2330.317	2322.529	2316.375	2311.838
25	1902.130	1901.353	1900.560	1899.767	1899.973	1900.195	1900.401	1900.607	1900.544	1900.179
30	1472.309	1476.322	1480.351	1484.364	1493.088	1501.797	1510.521	1519.230	1525.114	1528.176
35	712.678	707.523	702.384	697.228	695.356	693.485	691.613	689.741	688.187	686.934
40	181.132	177.055	172.979	168.902	163.667	158.433	153.182	147.948	144.109	141.682
45	70.254	69.889	69.540	69.176	68.938	68.716	68.478	68.240	68.033	67.859
50	62.831	62.767	62.688	62.624	62.751	62.878	62.989	63.116	63.164	63.148
55	60.023	60.086	60.166	60.229	60.515	60.816	61.102	61.403	61.593	61.689
60	48.396	48.475	48.570	48.650	48.967	49.284	49.586	49.903	50.077	50.093
65	32.978	33.025	33.073	33.121	33.200	33.263	33.343	33.422	33.485	33.533
70	21.922	21.938	21.953	21.969	21.969	21.969	21.985	21.985	21.985	21.969
75	14.625	14.609	14.609	14.609	14.609	14.609	14.609	14.609	14.609	14.609
80	8.280	8.233	8.217	8.185	8.169	8.137	8.122	8.106	8.090	8.090
85	1.681	1.681	1.681	1.681	1.681	1.681	1.666	1.666	1.666	1.666
90	0.666	0.666	0.634	0.634	0.634	0.634	0.603	0.603	0.603	0.571
95	1.681	1.681	1.681	1.681	1.681	1.681	1.666	1.666	1.666	1.666
100	8.280	8.233	8.217	8.185	8.169	8.137	8.122	8.106	8.090	8.090
105	14.625	14.609	14.609	14.609	14.609	14.609	14.609	14.609	14.609	14.609
110	21.922	21.938	21.953	21.969	21.969	21.969	21.985	21.985	21.985	21.969
115	32.978	33.025	33.073	33.121	33.200	33.263	33.343	33.422	33.485	33.533
120	48.396	48.475	48.570	48.650	48.967	49.284	49.586	49.903	50.077	50.093
125	60.023	60.086	60.166	60.229	60.515	60.816	61.102	61.403	61.593	61.689
130	62.831	62.767	62.688	62.624	62.751	62.878	62.989	63.116	63.164	63.148
135	70.254	69.889	69.540	69.176	68.938	68.716	68.478	68.240	68.033	67.859
140	181.132	177.055	172.979	168.902	163.667	158.433	153.182	147.948	144.109	141.682
145	712.678	707.523	702.384	697.228	695.356	693.485	691.613	689.741	688.187	686.934
150	1472.309	1476.322	1480.351	1484.364	1493.088	1501.797	1510.521	1519.230	1525.114	1528.176

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-S-XX\_.IES

## CANDELA TABULATION - (Cont.)

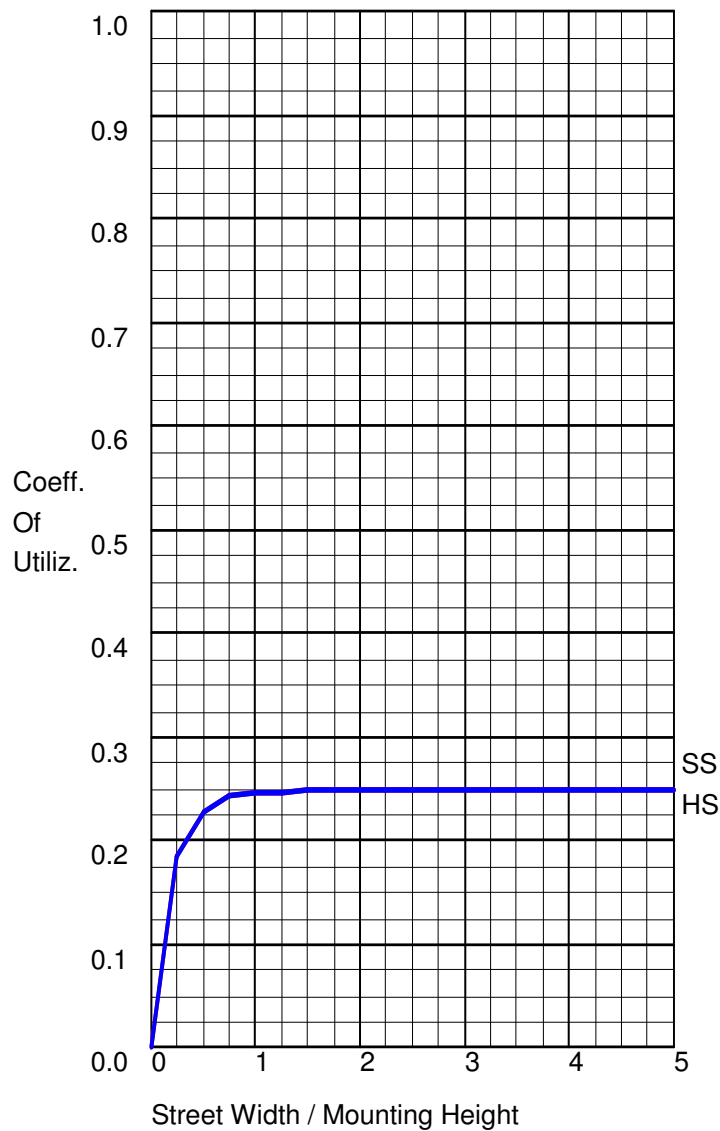
155	1902.130	1901.353	1900.560	1899.767	1899.973	1900.195	1900.401	1900.607	1900.544	1900.179
160	2378.301	2370.084	2361.884	2353.667	2345.878	2338.106	2330.317	2322.529	2316.375	2311.838
165	4413.215	4391.436	4369.672	4347.893	4315.566	4283.239	4250.927	4218.600	4202.706	4203.261
170	12116.6231	12076.3011	12035.9631	11995.6411	11956.8581	11918.0741	11879.2911	11840.5081	11810.7981	11790.145
175	26870.2772	26921.5442	26972.8112	27024.0782	27099.6152	27175.1352	27250.6562	27326.1762	27354.5062	27335.662
180	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.3112	26255.311

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	26255.6602	26255.6602	26255.660
5	27316.8022	27297.9412	27279.097
10	11769.4761	11748.8231	11728.171
15	4203.816	4204.355	4204.911
20	2307.285	2302.749	2298.212
25	1899.814	1899.449	1899.084
30	1531.237	1534.283	1537.344
35	685.680	684.427	683.174
40	139.239	136.813	134.370
45	67.669	67.494	67.304
50	63.132	63.100	63.084
55	61.768	61.863	61.958
60	50.125	50.141	50.173
65	33.596	33.644	33.707
70	21.953	21.953	21.938
75	14.593	14.593	14.593
80	8.090	8.090	8.090
85	1.650	1.650	1.650
90	0.571	0.539	0.539
95	1.650	1.650	1.650
100	8.090	8.090	8.090
105	14.593	14.593	14.593
110	21.953	21.953	21.938
115	33.596	33.644	33.707
120	50.125	50.141	50.173
125	61.768	61.863	61.958
130	63.132	63.100	63.084
135	67.669	67.494	67.304
140	139.239	136.813	134.370
145	685.680	684.427	683.174
150	1531.237	1534.283	1537.344
155	1899.814	1899.449	1899.084
160	2307.285	2302.749	2298.212
165	4203.816	4204.355	4204.911
170	11769.4761	11748.8231	11728.171
175	27316.8022	27297.9572	27279.097
180	26255.3112	26255.3112	26255.311



COEFFICIENTS OF UTILIZATION



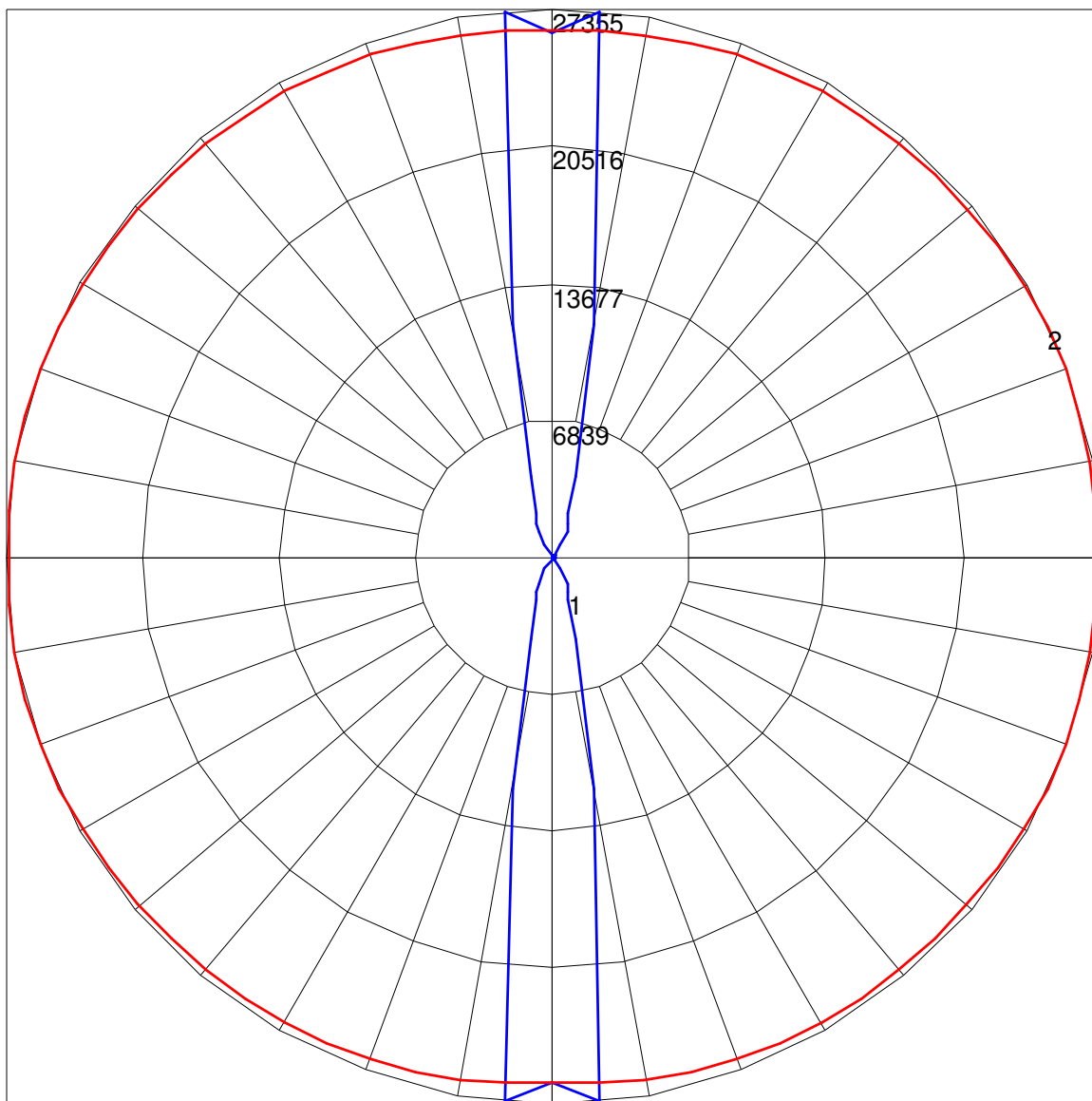
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2532.6	25.0
Downward House Side	2532.6	25.0
Downward Total	5065.2	50.0
Upward Street Side	2532.6	25.0
Upward House Side	2532.6	25.0
Upward Total	5065.2	50.0
Total Flux	10130.4	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-850U-L50-850D-XXX-DIM-UNV-S-XX\_.IES

## POLAR GRAPH

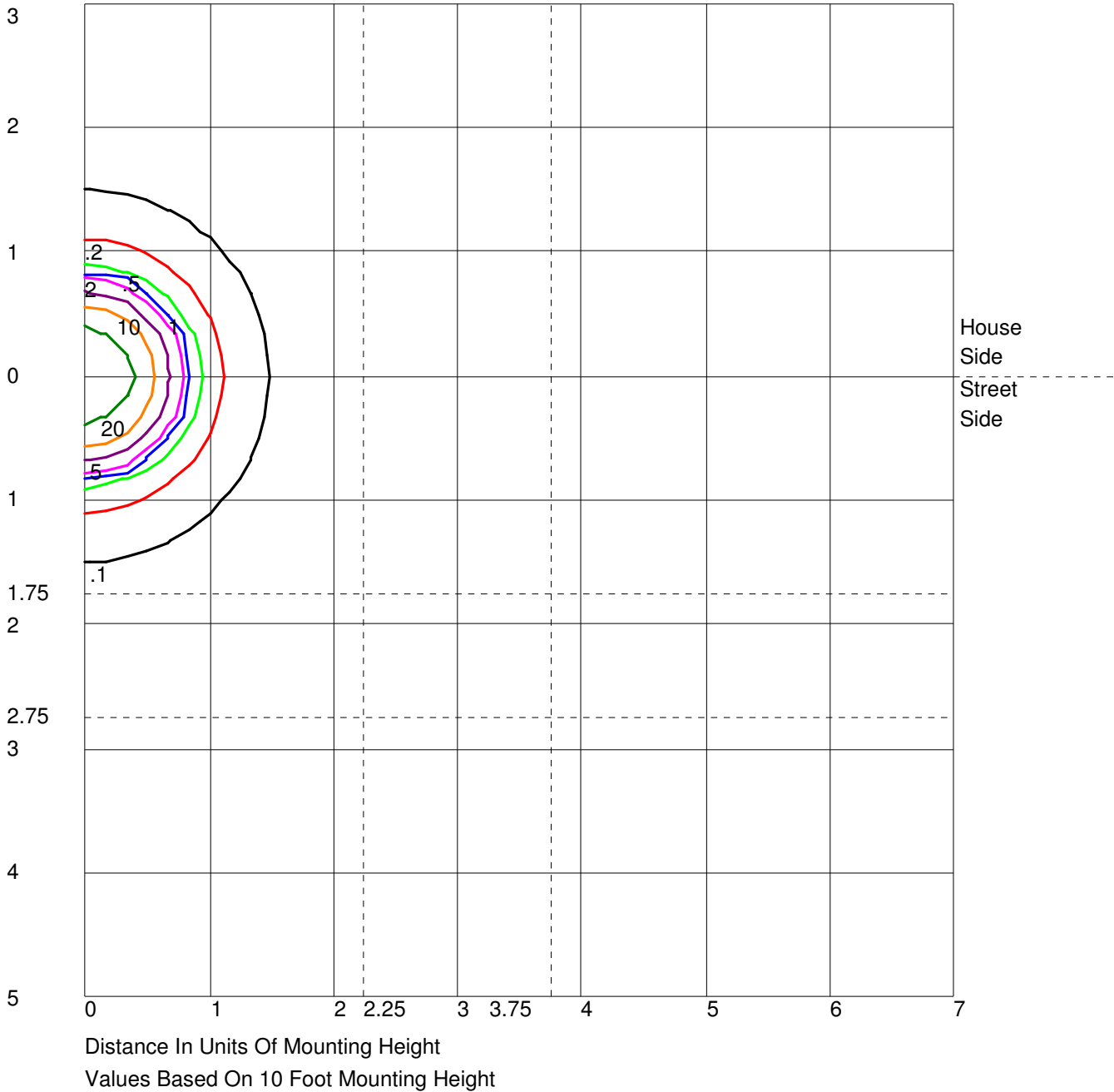


Maximum Candela = 27354.506 Located At Horizontal Angle = 340, Vertical Angle = 175

# 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

