

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-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-L40-927U-L40-927D-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	6733
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9712.124
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9712.124
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.594 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.846 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1315.8	N.A.	19.5
FM - Front-Medium (30-60)	341.3	N.A.	5.1
FH - Front-High (60-80)	24.7	N.A.	0.4
FVH - Front-Very High (80-90)	1.4	N.A.	0.0
BL - Back-Low (0-30)	1315.8	N.A.	19.5
BM - Back-Medium (30-60)	341.3	N.A.	5.1
BH - Back-High (60-80)	24.7	N.A.	0.4
BVH - Back-Very High (80-90)	1.4	N.A.	0.0
UL - Uplight-Low (90-100)	2.8	N.A.	0.0
UH - Uplight-High (100-180)	3363.6	N.A.	50.0
Total	6732.8	N.A.	100.0
BUG Rating	B3-U5-G0		

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## 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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8362.858	8362.453	8362.049	8361.633	8361.229	8361.717	8363.095	8364.462	8365.841	8367.220
10	5540.322	5541.951	5543.591	5545.219	5546.848	5551.186	5558.222	5565.258	5572.295	5579.331
15	3465.273	3465.606	3465.927	3466.260	3466.581	3469.077	3473.736	3478.395	3483.054	3487.713
20	2429.953	2430.310	2430.667	2431.011	2431.368	2432.651	2434.850	2437.061	2439.260	2441.471
25	1941.847	1940.397	1938.935	1937.485	1936.023	1935.108	1934.740	1934.359	1933.991	1933.610
30	1474.636	1472.972	1471.320	1469.656	1468.004	1464.806	1460.064	1455.322	1450.591	1445.849
35	694.952	695.296	695.653	695.998	696.342	696.853	697.519	698.184	698.850	699.516
40	249.729	250.632	251.535	252.450	253.354	254.946	257.228	259.499	261.781	264.063
45	158.245	158.447	158.649	158.851	159.053	159.386	159.850	160.313	160.777	161.240
50	109.609	109.752	109.894	110.049	110.191	110.429	110.762	111.107	111.439	111.772
55	74.796	74.879	74.963	75.046	75.129	75.295	75.521	75.759	75.985	76.222
60	49.373	49.432	49.492	49.551	49.611	49.706	49.860	50.015	50.169	50.324
65	33.090	33.101	33.125	33.137	33.149	33.208	33.303	33.399	33.494	33.589
70	22.131	22.131	22.143	22.143	22.155	22.179	22.214	22.262	22.297	22.345
75	13.859	13.847	13.847	13.835	13.823	13.823	13.835	13.847	13.859	13.871
80	6.727	6.727	6.727	6.739	6.739	6.751	6.763	6.775	6.799	6.810
85	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
90	0.523	0.523	0.523	0.547	0.547	0.547	0.547	0.571	0.571	0.571
95	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
100	6.727	6.727	6.727	6.739	6.739	6.751	6.763	6.775	6.799	6.810
105	13.859	13.847	13.847	13.835	13.823	13.823	13.835	13.847	13.859	13.871
110	22.131	22.131	22.143	22.143	22.155	22.179	22.214	22.262	22.297	22.345
115	33.090	33.101	33.125	33.137	33.149	33.208	33.303	33.399	33.494	33.589
120	49.373	49.432	49.492	49.551	49.611	49.706	49.860	50.015	50.169	50.324
125	74.796	74.879	74.963	75.046	75.129	75.295	75.521	75.759	75.985	76.222
130	109.609	109.752	109.894	110.049	110.191	110.429	110.762	111.107	111.439	111.772
135	158.245	158.447	158.649	158.851	159.053	159.386	159.850	160.313	160.777	161.240
140	249.729	250.632	251.535	252.450	253.354	254.946	257.228	259.499	261.781	264.063
145	694.952	695.296	695.653	695.998	696.342	696.853	697.519	698.184	698.850	699.516
150	1474.636	1472.972	1471.320	1469.656	1468.004	1464.806	1460.064	1455.322	1450.591	1445.849
155	1941.847	1940.397	1938.935	1937.485	1936.023	1935.108	1934.740	1934.359	1933.991	1933.610
160	2429.953	2430.310	2430.667	2431.011	2431.368	2432.651	2434.850	2437.061	2439.260	2441.471
165	3465.273	3465.606	3465.927	3466.260	3466.581	3469.077	3473.736	3478.395	3483.054	3487.713
170	5540.322	5541.951	5543.591	5545.219	5546.848	5551.186	5558.222	5565.258	5572.295	5579.331
175	8362.858	8362.453	8362.049	8361.645	8361.229	8361.717	8363.095	8364.474	8365.841	8367.220
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8367.350	8367.481	8367.612	8367.743	8368.099	8368.670	8369.252	8369.823	8370.393	8369.823
10	5587.508	5595.697	5603.875	5612.064	5618.458	5623.058	5627.670	5632.269	5636.881	5632.269
15	3493.846	3499.979	3506.100	3512.233	3516.988	3520.351	3523.715	3527.090	3530.454	3527.090
20	2444.276	2447.069	2449.874	2452.667	2455.032	2456.958	2458.871	2460.797	2462.722	2460.797
25	1934.205	1934.787	1935.381	1935.964	1937.022	1938.543	1940.064	1941.586	1943.107	1941.586
30	1446.764	1447.667	1448.582	1449.498	1450.841	1452.612	1454.383	1456.154	1457.925	1456.154
35	702.404	705.280	708.168	711.057	712.828	713.505	714.183	714.860	715.537	714.860
40	265.251	266.452	267.640	268.841	269.982	271.075	272.169	273.262	274.356	273.262
45	161.359	161.490	161.609	161.739	161.858	161.977	162.084	162.203	162.322	162.203
50	111.974	112.176	112.378	112.580	112.723	112.806	112.901	112.985	113.080	112.985
55	76.389	76.567	76.733	76.912	77.031	77.114	77.197	77.268	77.352	77.268

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## CANDELA TABULATION - (Cont.)

60	50.431	50.526	50.633	50.740	50.823	50.882	50.954	51.013	51.084	51.013
65	33.636	33.684	33.719	33.767	33.803	33.815	33.838	33.850	33.874	33.850
70	22.357	22.381	22.392	22.404	22.416	22.404	22.404	22.392	22.392	22.392
75	13.882	13.882	13.894	13.906	13.906	13.894	13.882	13.871	13.859	13.871
80	6.822	6.834	6.834	6.846	6.846	6.846	6.834	6.834	6.834	6.834
85	1.450	1.450	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438
90	0.571	0.571	0.594	0.594	0.594	0.594	0.594	0.594	0.594	0.594
95	1.450	1.450	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438
100	6.822	6.834	6.834	6.846	6.846	6.846	6.834	6.834	6.834	6.834
105	13.882	13.882	13.894	13.906	13.906	13.894	13.882	13.871	13.859	13.871
110	22.357	22.381	22.392	22.404	22.416	22.404	22.404	22.392	22.392	22.392
115	33.636	33.684	33.719	33.767	33.803	33.815	33.838	33.850	33.874	33.850
120	50.431	50.526	50.633	50.740	50.823	50.882	50.954	51.013	51.084	51.013
125	76.389	76.567	76.733	76.912	77.031	77.114	77.197	77.268	77.352	77.268
130	111.974	112.176	112.378	112.580	112.723	112.806	112.901	112.985	113.080	112.985
135	161.359	161.490	161.609	161.739	161.858	161.977	162.084	162.203	162.322	162.203
140	265.251	266.452	267.640	268.841	269.982	271.075	272.169	273.262	274.356	273.262
145	702.404	705.280	708.168	711.057	712.828	713.505	714.183	714.860	715.537	714.860
150	1446.764	1447.667	1448.582	1449.498	1450.841	1452.612	1454.383	1456.154	1457.925	1456.154
155	1934.205	1934.787	1935.381	1935.964	1937.022	1938.543	1940.064	1941.586	1943.107	1941.586
160	2444.276	2447.069	2449.874	2452.667	2455.032	2456.958	2458.871	2460.797	2462.722	2460.797
165	3493.846	3499.979	3506.100	3512.233	3516.988	3520.351	3523.715	3527.090	3530.454	3527.090
170	5587.508	5595.697	5603.875	5612.064	5618.458	5623.058	5627.670	5632.269	5636.881	5632.269
175	8367.350	8367.481	8367.624	8367.754	8368.099	8368.682	8369.252	8369.823	8370.393	8369.823
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## Vert. Angles

### Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8369.252	8368.670	8368.099	8367.743	8367.612	8367.481	8367.350	8367.220	8365.841	8364.462
10	5627.670	5623.058	5618.458	5612.064	5603.875	5595.697	5587.508	5579.331	5572.295	5565.258
15	3523.715	3520.351	3516.988	3512.233	3506.100	3499.979	3493.846	3487.713	3483.054	3478.395
20	2458.871	2456.958	2455.032	2452.667	2449.874	2447.069	2444.276	2441.471	2439.260	2437.061
25	1940.064	1938.543	1937.022	1935.964	1935.381	1934.787	1934.205	1933.610	1933.991	1934.359
30	1454.383	1452.612	1450.841	1449.498	1448.582	1447.667	1446.764	1445.849	1450.591	1455.322
35	714.183	713.505	712.828	711.057	708.168	705.280	702.404	699.516	698.850	698.184
40	272.169	271.075	269.982	268.841	267.640	266.452	265.251	264.063	261.781	259.499
45	162.084	161.977	161.858	161.739	161.609	161.490	161.359	161.240	160.777	160.313
50	112.901	112.806	112.723	112.580	112.378	112.176	111.974	111.772	111.439	111.107
55	77.197	77.114	77.031	76.912	76.733	76.567	76.389	76.222	75.985	75.759
60	50.954	50.882	50.823	50.740	50.633	50.526	50.431	50.324	50.169	50.015
65	33.838	33.815	33.803	33.767	33.719	33.684	33.636	33.589	33.494	33.399
70	22.404	22.404	22.416	22.404	22.392	22.381	22.357	22.345	22.297	22.262
75	13.882	13.894	13.906	13.906	13.894	13.882	13.882	13.871	13.859	13.847
80	6.834	6.846	6.846	6.846	6.834	6.834	6.822	6.810	6.799	6.775
85	1.438	1.438	1.438	1.438	1.438	1.450	1.450	1.450	1.450	1.450
90	0.594	0.594	0.594	0.594	0.594	0.571	0.571	0.571	0.571	0.571
95	1.438	1.438	1.438	1.438	1.438	1.450	1.450	1.450	1.450	1.450
100	6.834	6.846	6.846	6.846	6.834	6.834	6.822	6.810	6.799	6.775
105	13.882	13.894	13.906	13.906	13.894	13.882	13.882	13.871	13.859	13.847
110	22.404	22.404	22.416	22.404	22.392	22.381	22.357	22.345	22.297	22.262
115	33.838	33.815	33.803	33.767	33.719	33.684	33.636	33.589	33.494	33.399
120	50.954	50.882	50.823	50.740	50.633	50.526	50.431	50.324	50.169	50.015
125	77.197	77.114	77.031	76.912	76.733	76.567	76.389	76.222	75.985	75.759
130	112.901	112.806	112.723	112.580	112.378	112.176	111.974	111.772	111.439	111.107

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## CANDELA TABULATION - (Cont.)

135	162.084	161.977	161.858	161.739	161.609	161.490	161.359	161.240	160.777	160.313
140	272.169	271.075	269.982	268.841	267.640	266.452	265.251	264.063	261.781	259.499
145	714.183	713.505	712.828	711.057	708.168	705.280	702.404	699.516	698.850	698.184
150	1454.383	1452.612	1450.841	1449.498	1448.582	1447.667	1446.764	1445.849	1450.591	1455.322
155	1940.064	1938.543	1937.022	1935.964	1935.381	1934.787	1934.205	1933.610	1933.991	1934.359
160	2458.871	2456.958	2455.032	2452.667	2449.874	2447.069	2444.276	2441.471	2439.260	2437.061
165	3523.715	3520.351	3516.988	3512.233	3506.100	3499.979	3493.846	3487.713	3483.054	3478.395
170	5627.670	5623.058	5618.458	5612.064	5603.875	5595.697	5587.508	5579.331	5572.295	5565.258
175	8369.252	8368.682	8368.099	8367.754	8367.624	8367.481	8367.350	8367.220	8365.841	8364.474
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## 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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8363.095	8361.717	8361.229	8361.633	8362.049	8362.453	8362.858	8362.453	8362.049	8361.633
10	5558.222	5551.186	5546.848	5545.219	5543.591	5541.951	5540.322	5541.951	5543.591	5545.219
15	3473.736	3469.077	3466.581	3466.260	3465.927	3465.606	3465.273	3465.606	3465.927	3466.260
20	2434.850	2432.651	2431.368	2431.011	2430.667	2430.310	2429.953	2430.310	2430.667	2431.011
25	1934.740	1935.108	1936.023	1937.485	1938.935	1940.397	1941.847	1940.397	1938.935	1937.485
30	1460.064	1464.806	1468.004	1469.656	1471.320	1472.972	1474.636	1472.972	1471.320	1469.656
35	697.519	696.853	696.342	695.998	695.653	695.296	694.952	695.296	695.653	695.998
40	257.228	254.946	253.354	252.450	251.535	250.632	249.729	250.632	251.535	252.450
45	159.850	159.386	159.053	158.851	158.649	158.447	158.245	158.447	158.649	158.851
50	110.762	110.429	110.191	110.049	109.894	109.752	109.609	109.752	109.894	110.049
55	75.521	75.295	75.129	75.046	74.963	74.879	74.796	74.879	74.963	75.046
60	49.860	49.706	49.611	49.551	49.492	49.432	49.373	49.432	49.492	49.551
65	33.303	33.208	33.149	33.137	33.125	33.101	33.090	33.101	33.125	33.137
70	22.214	22.179	22.155	22.143	22.143	22.131	22.131	22.131	22.143	22.143
75	13.835	13.823	13.823	13.835	13.847	13.847	13.859	13.847	13.847	13.835
80	6.763	6.751	6.739	6.739	6.727	6.727	6.727	6.727	6.727	6.739
85	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
90	0.547	0.547	0.547	0.547	0.523	0.523	0.523	0.523	0.523	0.547
95	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
100	6.763	6.751	6.739	6.739	6.727	6.727	6.727	6.727	6.727	6.739
105	13.835	13.823	13.823	13.835	13.847	13.847	13.859	13.847	13.847	13.835
110	22.214	22.179	22.155	22.143	22.143	22.131	22.131	22.131	22.143	22.143
115	33.303	33.208	33.149	33.137	33.125	33.101	33.090	33.101	33.125	33.137
120	49.860	49.706	49.611	49.551	49.492	49.432	49.373	49.432	49.492	49.551
125	75.521	75.295	75.129	75.046	74.963	74.879	74.796	74.879	74.963	75.046
130	110.762	110.429	110.191	110.049	109.894	109.752	109.609	109.752	109.894	110.049
135	159.850	159.386	159.053	158.851	158.649	158.447	158.245	158.447	158.649	158.851
140	257.228	254.946	253.354	252.450	251.535	250.632	249.729	250.632	251.535	252.450
145	697.519	696.853	696.342	695.998	695.653	695.296	694.952	695.296	695.653	695.998
150	1460.064	1464.806	1468.004	1469.656	1471.320	1472.972	1474.636	1472.972	1471.320	1469.656
155	1934.740	1935.108	1936.023	1937.485	1938.935	1940.397	1941.847	1940.397	1938.935	1937.485
160	2434.850	2432.651	2431.368	2431.011	2430.667	2430.310	2429.953	2430.310	2430.667	2431.011
165	3473.736	3469.077	3466.581	3466.260	3465.927	3465.606	3465.273	3465.606	3465.927	3466.260
170	5558.222	5551.186	5546.848	5545.219	5543.591	5541.951	5540.322	5541.951	5543.591	5545.219
175	8363.095	8361.717	8361.229	8361.645	8362.049	8362.453	8362.858	8362.453	8362.049	8361.645
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## 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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	8361.229	8361.717	8363.095	8364.462	8365.841	8367.220	8367.350	8367.481	8367.612	8367.743
10	5546.848	5551.186	5558.222	5565.258	5572.295	5579.331	5587.508	5595.697	5603.875	5612.064
15	3466.581	3469.077	3473.736	3478.395	3483.054	3487.713	3493.846	3499.979	3506.100	3512.233
20	2431.368	2432.651	2434.850	2437.061	2439.260	2441.471	2444.276	2447.069	2449.874	2452.667
25	1936.023	1935.108	1934.740	1934.359	1933.991	1933.610	1934.205	1934.787	1935.381	1935.964
30	1468.004	1464.806	1460.064	1455.322	1450.591	1445.849	1446.764	1447.667	1448.582	1449.498
35	696.342	696.853	697.519	698.184	698.850	699.516	702.404	705.280	708.168	711.057
40	253.354	254.946	257.228	259.499	261.781	264.063	265.251	266.452	267.640	268.841
45	159.053	159.386	159.850	160.313	160.777	161.240	161.359	161.490	161.609	161.739
50	110.191	110.429	110.762	111.107	111.439	111.772	111.974	112.176	112.378	112.580
55	75.129	75.295	75.521	75.759	75.985	76.222	76.389	76.567	76.733	76.912
60	49.611	49.706	49.860	50.015	50.169	50.324	50.431	50.526	50.633	50.740
65	33.149	33.208	33.303	33.399	33.494	33.589	33.636	33.684	33.719	33.767
70	22.155	22.179	22.214	22.262	22.297	22.345	22.357	22.381	22.392	22.404
75	13.823	13.823	13.835	13.847	13.859	13.871	13.882	13.882	13.894	13.906
80	6.739	6.751	6.763	6.775	6.799	6.810	6.822	6.834	6.834	6.846
85	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.438	1.438
90	0.547	0.547	0.547	0.571	0.571	0.571	0.571	0.571	0.594	0.594
95	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.438	1.438
100	6.739	6.751	6.763	6.775	6.799	6.810	6.822	6.834	6.834	6.846
105	13.823	13.823	13.835	13.847	13.859	13.871	13.882	13.882	13.894	13.906
110	22.155	22.179	22.214	22.262	22.297	22.345	22.357	22.381	22.392	22.404
115	33.149	33.208	33.303	33.399	33.494	33.589	33.636	33.684	33.719	33.767
120	49.611	49.706	49.860	50.015	50.169	50.324	50.431	50.526	50.633	50.740
125	75.129	75.295	75.521	75.759	75.985	76.222	76.389	76.567	76.733	76.912
130	110.191	110.429	110.762	111.107	111.439	111.772	111.974	112.176	112.378	112.580
135	159.053	159.386	159.850	160.313	160.777	161.240	161.359	161.490	161.609	161.739
140	253.354	254.946	257.228	259.499	261.781	264.063	265.251	266.452	267.640	268.841
145	696.342	696.853	697.519	698.184	698.850	699.516	702.404	705.280	708.168	711.057
150	1468.004	1464.806	1460.064	1455.322	1450.591	1445.849	1446.764	1447.667	1448.582	1449.498
155	1936.023	1935.108	1934.740	1934.359	1933.991	1933.610	1934.205	1934.787	1935.381	1935.964
160	2431.368	2432.651	2434.850	2437.061	2439.260	2441.471	2444.276	2447.069	2449.874	2452.667
165	3466.581	3469.077	3473.736	3478.395	3483.054	3487.713	3493.846	3499.979	3506.100	3512.233
170	5546.848	5551.186	5558.222	5565.258	5572.295	5579.331	5587.508	5595.697	5603.875	5612.064
175	8361.229	8361.717	8363.095	8364.474	8365.841	8367.220	8367.350	8367.481	8367.624	8367.754
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## 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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8368.099	8368.670	8369.252	8369.823	8370.393	8369.823	8369.252	8368.670	8368.099	8367.743
10	5618.458	5623.058	5627.670	5632.269	5636.881	5632.269	5627.670	5623.058	5618.458	5612.064
15	3516.988	3520.351	3523.715	3527.090	3530.454	3527.090	3523.715	3520.351	3516.988	3512.233
20	2455.032	2456.958	2458.871	2460.797	2462.722	2460.797	2458.871	2456.958	2455.032	2452.667
25	1937.022	1938.543	1940.064	1941.586	1943.107	1941.586	1940.064	1938.543	1937.022	1935.964
30	1450.841	1452.612	1454.383	1456.154	1457.925	1456.154	1454.383	1452.612	1450.841	1449.498
35	712.828	713.505	714.183	714.860	715.537	714.860	714.183	713.505	712.828	711.057
40	269.982	271.075	272.169	273.262	274.356	273.262	272.169	271.075	269.982	268.841
45	161.858	161.977	162.084	162.203	162.322	162.203	162.084	161.977	161.858	161.739
50	112.723	112.806	112.901	112.985	113.080	112.985	112.901	112.806	112.723	112.580
55	77.031	77.114	77.197	77.268	77.352	77.268	77.197	77.114	77.031	76.912
60	50.823	50.882	50.954	51.013	51.084	51.013	50.954	50.882	50.823	50.740
65	33.803	33.815	33.838	33.850	33.874	33.850	33.838	33.815	33.803	33.767
70	22.416	22.404	22.404	22.392	22.392	22.392	22.404	22.404	22.416	22.404
75	13.906	13.894	13.882	13.871	13.859	13.871	13.882	13.894	13.906	13.906

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	6.846	6.846	6.834	6.834	6.834	6.834	6.834	6.846	6.846	6.846
85	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438
90	0.594	0.594	0.594	0.594	0.594	0.594	0.594	0.594	0.594	0.594
95	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438	1.438
100	6.846	6.846	6.834	6.834	6.834	6.834	6.834	6.846	6.846	6.846
105	13.906	13.894	13.882	13.871	13.859	13.871	13.882	13.894	13.906	13.906
110	22.416	22.404	22.404	22.392	22.392	22.392	22.404	22.404	22.416	22.404
115	33.803	33.815	33.838	33.850	33.874	33.850	33.838	33.815	33.803	33.767
120	50.823	50.882	50.954	51.013	51.084	51.013	50.954	50.882	50.823	50.740
125	77.031	77.114	77.197	77.268	77.352	77.268	77.197	77.114	77.031	76.912
130	112.723	112.806	112.901	112.985	113.080	112.985	112.901	112.806	112.723	112.580
135	161.858	161.977	162.084	162.203	162.322	162.203	162.084	161.977	161.858	161.739
140	269.982	271.075	272.169	273.262	274.356	273.262	272.169	271.075	269.982	268.841
145	712.828	713.505	714.183	714.860	715.537	714.860	714.183	713.505	712.828	711.057
150	1450.841	1452.612	1454.383	1456.154	1457.925	1456.154	1454.383	1452.612	1450.841	1449.498
155	1937.022	1938.543	1940.064	1941.586	1943.107	1941.586	1940.064	1938.543	1937.022	1935.964
160	2455.032	2456.958	2458.871	2460.797	2462.722	2460.797	2458.871	2456.958	2455.032	2452.667
165	3516.988	3520.351	3523.715	3527.090	3530.454	3527.090	3523.715	3520.351	3516.988	3512.233
170	5618.458	5623.058	5627.670	5632.269	5636.881	5632.269	5627.670	5623.058	5618.458	5612.064
175	8368.099	8368.682	8369.252	8369.823	8370.393	8369.823	8369.252	8368.682	8368.099	8367.754
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## 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	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124	9712.124
5	8367.612	8367.481	8367.350	8367.220	8365.841	8364.462	8363.095	8361.717	8361.229	8361.633
10	5603.875	5595.697	5587.508	5579.331	5572.295	5565.258	5558.222	5551.186	5546.848	5545.219
15	3506.100	3499.979	3493.846	3487.713	3483.054	3478.395	3473.736	3469.077	3466.581	3466.260
20	2449.874	2447.069	2444.276	2441.471	2439.260	2437.061	2434.850	2432.651	2431.368	2431.011
25	1935.381	1934.787	1934.205	1933.610	1933.991	1934.359	1934.740	1935.108	1936.023	1937.485
30	1448.582	1447.667	1446.764	1445.849	1450.591	1455.322	1460.064	1464.806	1468.004	1469.656
35	708.168	705.280	702.404	699.516	698.850	698.184	697.519	696.853	696.342	695.998
40	267.640	266.452	265.251	264.063	261.781	259.499	257.228	254.946	253.354	252.450
45	161.609	161.490	161.359	161.240	160.777	160.313	159.850	159.386	159.053	158.851
50	112.378	112.176	111.974	111.772	111.439	111.107	110.762	110.429	110.191	110.049
55	76.733	76.567	76.389	76.222	75.985	75.759	75.521	75.295	75.129	75.046
60	50.633	50.526	50.431	50.324	50.169	50.015	49.860	49.706	49.611	49.551
65	33.719	33.684	33.636	33.589	33.494	33.399	33.303	33.208	33.149	33.137
70	22.392	22.381	22.357	22.345	22.297	22.262	22.214	22.179	22.155	22.143
75	13.894	13.882	13.882	13.871	13.859	13.847	13.835	13.823	13.823	13.835
80	6.834	6.834	6.822	6.810	6.799	6.775	6.763	6.751	6.739	6.739
85	1.438	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
90	0.594	0.571	0.571	0.571	0.571	0.571	0.547	0.547	0.547	0.547
95	1.438	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.450
100	6.834	6.834	6.822	6.810	6.799	6.775	6.763	6.751	6.739	6.739
105	13.894	13.882	13.882	13.871	13.859	13.847	13.835	13.823	13.823	13.835
110	22.392	22.381	22.357	22.345	22.297	22.262	22.214	22.179	22.155	22.143
115	33.719	33.684	33.636	33.589	33.494	33.399	33.303	33.208	33.149	33.137
120	50.633	50.526	50.431	50.324	50.169	50.015	49.860	49.706	49.611	49.551
125	76.733	76.567	76.389	76.222	75.985	75.759	75.521	75.295	75.129	75.046
130	112.378	112.176	111.974	111.772	111.439	111.107	110.762	110.429	110.191	110.049
135	161.609	161.490	161.359	161.240	160.777	160.313	159.850	159.386	159.053	158.851
140	267.640	266.452	265.251	264.063	261.781	259.499	257.228	254.946	253.354	252.450
145	708.168	705.280	702.404	699.516	698.850	698.184	697.519	696.853	696.342	695.998
150	1448.582	1447.667	1446.764	1445.849	1450.591	1455.322	1460.064	1464.806	1468.004	1469.656

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1935.381	1934.787	1934.205	1933.610	1933.991	1934.359	1934.740	1935.108	1936.023	1937.485
160	2449.874	2447.069	2444.276	2441.471	2439.260	2437.061	2434.850	2432.651	2431.368	2431.011
165	3506.100	3499.979	3493.846	3487.713	3483.054	3478.395	3473.736	3469.077	3466.581	3466.260
170	5603.875	5595.697	5587.508	5579.331	5572.295	5565.258	5558.222	5551.186	5546.848	5545.219
175	8367.624	8367.481	8367.350	8367.220	8365.841	8364.474	8363.095	8361.717	8361.229	8361.645
180	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732	9711.732

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9712.124	9712.124	9712.124
5	8362.049	8362.453	8362.858
10	5543.591	5541.951	5540.322
15	3465.927	3465.606	3465.273
20	2430.667	2430.310	2429.953
25	1938.935	1940.397	1941.847
30	1471.320	1472.972	1474.636
35	695.653	695.296	694.952
40	251.535	250.632	249.729
45	158.649	158.447	158.245
50	109.894	109.752	109.609
55	74.963	74.879	74.796
60	49.492	49.432	49.373
65	33.125	33.101	33.090
70	22.143	22.131	22.131
75	13.847	13.847	13.859
80	6.727	6.727	6.727
85	1.450	1.450	1.450
90	0.523	0.523	0.523
95	1.450	1.450	1.450
100	6.727	6.727	6.727
105	13.847	13.847	13.859
110	22.143	22.131	22.131
115	33.125	33.101	33.090
120	49.492	49.432	49.373
125	74.963	74.879	74.796
130	109.894	109.752	109.609
135	158.649	158.447	158.245
140	251.535	250.632	249.729
145	695.653	695.296	694.952
150	1471.320	1472.972	1474.636
155	1938.935	1940.397	1941.847
160	2430.667	2430.310	2429.953
165	3465.927	3465.606	3465.273
170	5543.591	5541.951	5540.322
175	8362.049	8362.453	8362.858
180	9711.732	9711.732	9711.732



COEFFICIENTS OF UTILIZATION



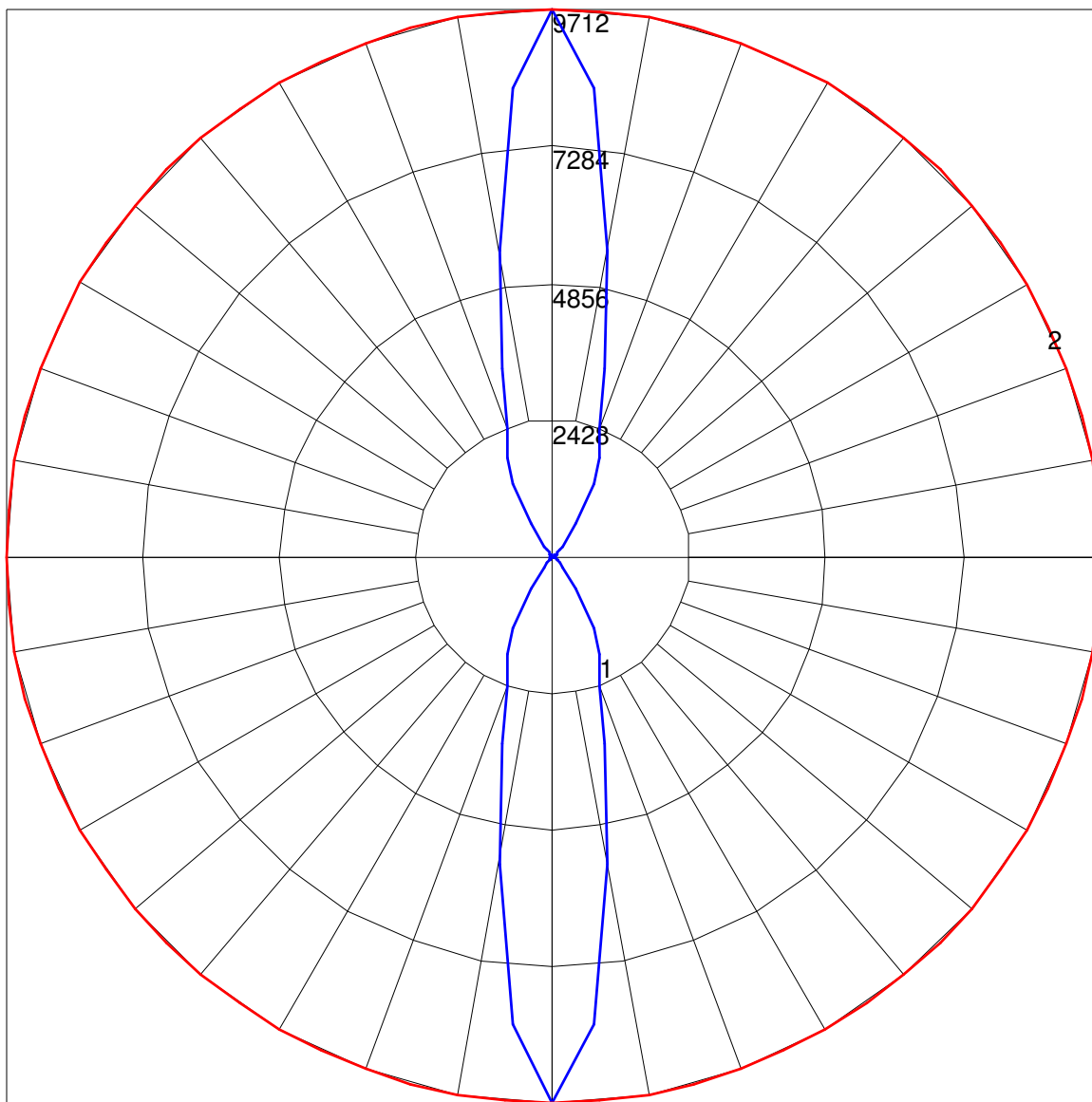
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1683.2	25.0
Downward House Side	1683.2	25.0
Downward Total	3366.4	50.0
Upward Street Side	1683.2	25.0
Upward House Side	1683.2	25.0
Upward Total	3366.4	50.0
Total Flux	6732.8	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

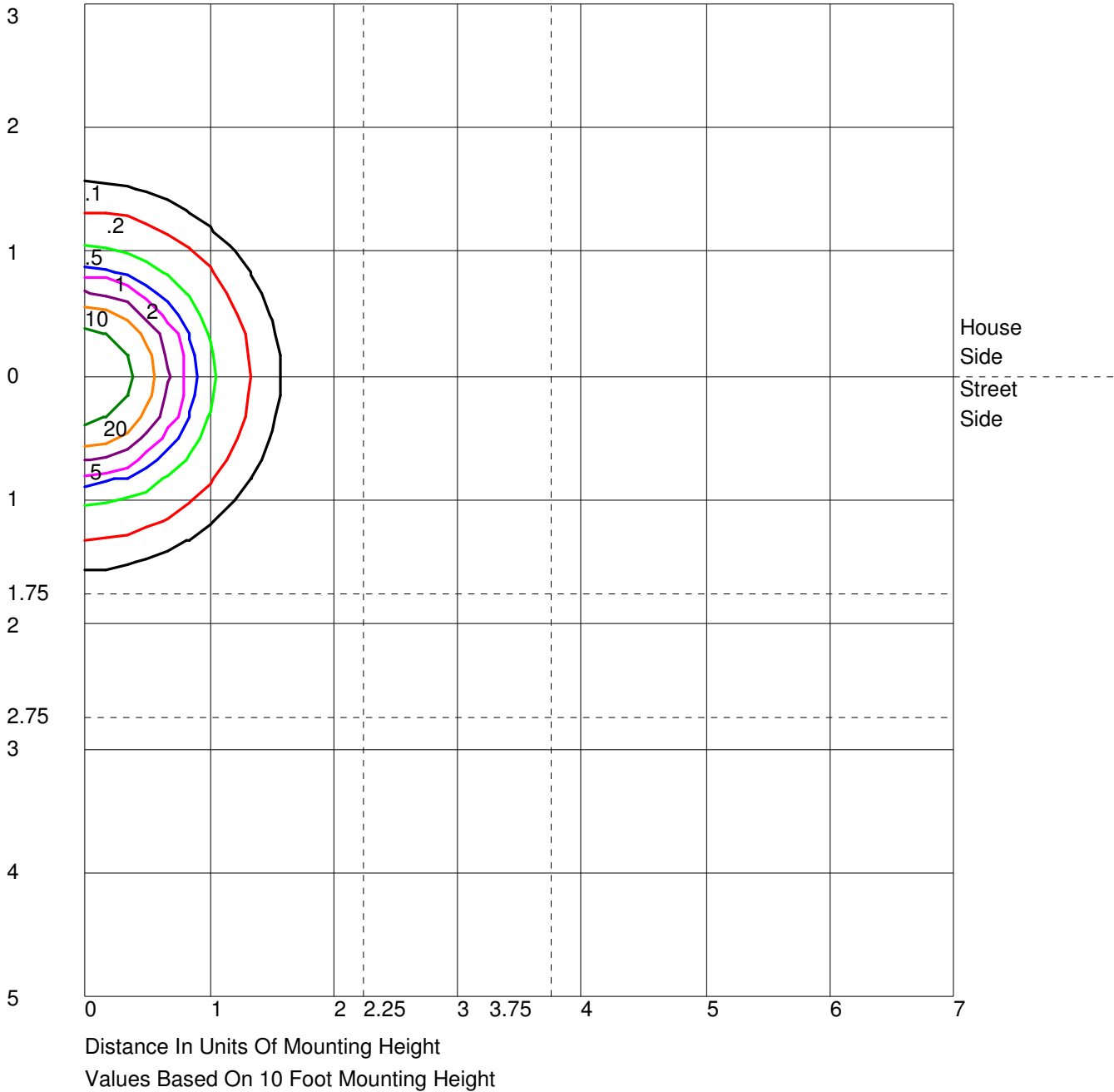


Maximum Candela = 9712.124 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

