

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-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-L40-950U-L40-950D-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	6805
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	9816.562
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	9816.562
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.601 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.92 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1329.9	N.A.	19.5
FM - Front-Medium (30-60)	345.0	N.A.	5.1
FH - Front-High (60-80)	25.0	N.A.	0.4
FVH - Front-Very High (80-90)	1.4	N.A.	0.0
BL - Back-Low (0-30)	1329.9	N.A.	19.5
BM - Back-Medium (30-60)	345.0	N.A.	5.1
BH - Back-High (60-80)	25.0	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)	3399.8	N.A.	50.0
Total	6805.2	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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8452.786	8452.378	8451.969	8451.549	8451.141	8451.633	8453.027	8454.408	8455.802	8457.195
10	5599.899	5601.545	5603.203	5604.849	5606.495	5610.880	5617.992	5625.104	5632.216	5639.328
15	3502.537	3502.873	3503.197	3503.534	3503.858	3506.381	3511.090	3515.799	3520.509	3525.218
20	2456.084	2456.444	2456.804	2457.153	2457.513	2458.811	2461.033	2463.268	2465.490	2467.725
25	1962.729	1961.263	1959.785	1958.320	1956.842	1955.917	1955.544	1955.160	1954.788	1954.403
30	1490.493	1488.811	1487.141	1485.459	1483.790	1480.558	1475.765	1470.971	1466.190	1461.396
35	702.425	702.773	703.133	703.482	703.830	704.347	705.020	705.692	706.365	707.038
40	252.414	253.327	254.240	255.165	256.078	257.688	259.994	262.289	264.596	266.902
45	159.947	160.151	160.355	160.559	160.764	161.100	161.568	162.037	162.506	162.974
50	110.788	110.932	111.076	111.232	111.376	111.617	111.953	112.301	112.638	112.974
55	75.600	75.685	75.769	75.853	75.937	76.105	76.333	76.574	76.802	77.042
60	49.904	49.964	50.024	50.084	50.144	50.240	50.396	50.552	50.709	50.865
65	33.445	33.457	33.481	33.493	33.505	33.565	33.662	33.758	33.854	33.950
70	22.369	22.369	22.381	22.381	22.393	22.417	22.453	22.501	22.537	22.585
75	14.008	13.996	13.996	13.984	13.972	13.972	13.984	13.996	14.008	14.020
80	6.800	6.800	6.800	6.812	6.812	6.824	6.836	6.848	6.872	6.884
85	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
90	0.529	0.529	0.529	0.553	0.553	0.553	0.553	0.577	0.577	0.577
95	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
100	6.800	6.800	6.800	6.812	6.812	6.824	6.836	6.848	6.872	6.884
105	14.008	13.996	13.996	13.984	13.972	13.972	13.984	13.996	14.008	14.020
110	22.369	22.369	22.381	22.381	22.393	22.417	22.453	22.501	22.537	22.585
115	33.445	33.457	33.481	33.493	33.505	33.565	33.662	33.758	33.854	33.950
120	49.904	49.964	50.024	50.084	50.144	50.240	50.396	50.552	50.709	50.865
125	75.600	75.685	75.769	75.853	75.937	76.105	76.333	76.574	76.802	77.042
130	110.788	110.932	111.076	111.232	111.376	111.617	111.953	112.301	112.638	112.974
135	159.947	160.151	160.355	160.559	160.764	161.100	161.568	162.037	162.506	162.974
140	252.414	253.327	254.240	255.165	256.078	257.688	259.994	262.289	264.596	266.902
145	702.425	702.773	703.133	703.482	703.830	704.347	705.020	705.692	706.365	707.038
150	1490.493	1488.811	1487.141	1485.459	1483.790	1480.558	1475.765	1470.971	1466.190	1461.396
155	1962.729	1961.263	1959.785	1958.320	1956.842	1955.917	1955.544	1955.160	1954.788	1954.403
160	2456.084	2456.444	2456.804	2457.153	2457.513	2458.811	2461.033	2463.268	2465.490	2467.725
165	3502.537	3502.873	3503.197	3503.534	3503.858	3506.381	3511.090	3515.799	3520.509	3525.218
170	5599.899	5601.545	5603.203	5604.849	5606.495	5610.880	5617.992	5625.104	5632.216	5639.328
175	8452.786	8452.378	8451.969	8451.561	8451.141	8451.633	8453.027	8454.420	8455.802	8457.195
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8457.327	8457.460	8457.592	8457.724	8458.084	8458.661	8459.250	8459.826	8460.403	8459.826
10	5647.593	5655.870	5664.135	5672.412	5678.876	5683.525	5688.186	5692.835	5697.497	5692.835
15	3531.417	3537.616	3543.803	3550.002	3554.807	3558.207	3561.607	3565.018	3568.418	3565.018
20	2470.560	2473.383	2476.218	2479.041	2481.432	2483.378	2485.312	2487.258	2489.205	2487.258
25	1955.004	1955.593	1956.193	1956.782	1957.851	1959.389	1960.926	1962.464	1964.002	1962.464
30	1462.322	1463.235	1464.160	1465.085	1466.442	1468.232	1470.022	1471.812	1473.602	1471.812
35	709.957	712.864	715.784	718.703	720.493	721.178	721.862	722.547	723.232	722.547
40	268.103	269.317	270.518	271.732	272.885	273.990	275.095	276.201	277.306	276.201
45	163.094	163.226	163.346	163.479	163.599	163.719	163.827	163.947	164.067	163.947
50	113.178	113.383	113.587	113.791	113.935	114.019	114.115	114.200	114.296	114.200
55	77.210	77.390	77.559	77.739	77.859	77.943	78.027	78.099	78.183	78.099

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## CANDELA TABULATION - (Cont.)

60	50.973	51.069	51.177	51.285	51.369	51.429	51.502	51.562	51.634	51.562
65	33.998	34.046	34.082	34.130	34.166	34.178	34.202	34.214	34.238	34.214
70	22.597	22.621	22.633	22.645	22.657	22.645	22.645	22.633	22.633	22.633
75	14.032	14.032	14.044	14.056	14.056	14.044	14.032	14.020	14.008	14.020
80	6.896	6.908	6.908	6.920	6.920	6.920	6.908	6.908	6.908	6.908
85	1.466	1.466	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454
90	0.577	0.577	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601
95	1.466	1.466	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454
100	6.896	6.908	6.908	6.920	6.920	6.920	6.908	6.908	6.908	6.908
105	14.032	14.032	14.044	14.056	14.056	14.044	14.032	14.020	14.008	14.020
110	22.597	22.621	22.633	22.645	22.657	22.645	22.645	22.633	22.633	22.633
115	33.998	34.046	34.082	34.130	34.166	34.178	34.202	34.214	34.238	34.214
120	50.973	51.069	51.177	51.285	51.369	51.429	51.502	51.562	51.634	51.562
125	77.210	77.390	77.559	77.739	77.859	77.943	78.027	78.099	78.183	78.099
130	113.178	113.383	113.587	113.791	113.935	114.019	114.115	114.200	114.296	114.200
135	163.094	163.226	163.346	163.479	163.599	163.719	163.827	163.947	164.067	163.947
140	268.103	269.317	270.518	271.732	272.885	273.990	275.095	276.201	277.306	276.201
145	709.957	712.864	715.784	718.703	720.493	721.178	721.862	722.547	723.232	722.547
150	1462.322	1463.235	1464.160	1465.085	1466.442	1468.232	1470.022	1471.812	1473.602	1471.812
155	1955.004	1955.593	1956.193	1956.782	1957.851	1959.389	1960.926	1962.464	1964.002	1962.464
160	2470.560	2473.383	2476.218	2479.041	2481.432	2483.378	2485.312	2487.258	2489.205	2487.258
165	3531.417	3537.616	3543.803	3550.002	3554.807	3558.207	3561.607	3565.018	3568.418	3565.018
170	5647.593	5655.870	5664.135	5672.412	5678.876	5683.525	5688.186	5692.835	5697.497	5692.835
175	8457.327	8457.460	8457.604	8457.736	8458.084	8458.673	8459.250	8459.826	8460.403	8459.826
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## 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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8459.250	8458.661	8458.084	8457.724	8457.592	8457.460	8457.327	8457.195	8455.802	8454.408
10	5688.186	5683.525	5678.876	5672.412	5664.135	5655.870	5647.593	5639.328	5632.216	5625.104
15	3561.607	3558.207	3554.807	3550.002	3543.803	3537.616	3531.417	3525.218	3520.509	3515.799
20	2485.312	2483.378	2481.432	2479.041	2476.218	2473.383	2470.560	2467.725	2465.490	2463.268
25	1960.926	1959.389	1957.851	1956.782	1956.193	1955.593	1955.004	1954.403	1954.788	1955.160
30	1470.022	1468.232	1466.442	1465.085	1464.160	1463.235	1462.322	1461.396	1466.190	1470.971
35	721.862	721.178	720.493	718.703	715.784	712.864	709.957	707.038	706.365	705.692
40	275.095	273.990	272.885	271.732	270.518	269.317	268.103	266.902	264.596	262.289
45	163.827	163.719	163.599	163.479	163.346	163.226	163.094	162.974	162.506	162.037
50	114.115	114.019	113.935	113.791	113.587	113.383	113.178	112.974	112.638	112.301
55	78.027	77.943	77.859	77.739	77.559	77.390	77.210	77.042	76.802	76.574
60	51.502	51.429	51.369	51.285	51.177	51.069	50.973	50.865	50.709	50.552
65	34.202	34.178	34.166	34.130	34.082	34.046	33.998	33.950	33.854	33.758
70	22.645	22.645	22.657	22.645	22.633	22.621	22.597	22.585	22.537	22.501
75	14.032	14.044	14.056	14.056	14.044	14.032	14.032	14.020	14.008	13.996
80	6.908	6.920	6.920	6.920	6.908	6.908	6.896	6.884	6.872	6.848
85	1.454	1.454	1.454	1.454	1.454	1.466	1.466	1.466	1.466	1.466
90	0.601	0.601	0.601	0.601	0.601	0.577	0.577	0.577	0.577	0.577
95	1.454	1.454	1.454	1.454	1.454	1.466	1.466	1.466	1.466	1.466
100	6.908	6.920	6.920	6.920	6.908	6.908	6.896	6.884	6.872	6.848
105	14.032	14.044	14.056	14.056	14.044	14.032	14.032	14.020	14.008	13.996
110	22.645	22.645	22.657	22.645	22.633	22.621	22.597	22.585	22.537	22.501
115	34.202	34.178	34.166	34.130	34.082	34.046	33.998	33.950	33.854	33.758
120	51.502	51.429	51.369	51.285	51.177	51.069	50.973	50.865	50.709	50.552
125	78.027	77.943	77.859	77.739	77.559	77.390	77.210	77.042	76.802	76.574
130	114.115	114.019	113.935	113.791	113.587	113.383	113.178	112.974	112.638	112.301

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## CANDELA TABULATION - (Cont.)

135	163.827	163.719	163.599	163.479	163.346	163.226	163.094	162.974	162.506	162.037
140	275.095	273.990	272.885	271.732	270.518	269.317	268.103	266.902	264.596	262.289
145	721.862	721.178	720.493	718.703	715.784	712.864	709.957	707.038	706.365	705.692
150	1470.022	1468.232	1466.442	1465.085	1464.160	1463.235	1462.322	1461.396	1466.190	1470.971
155	1960.926	1959.389	1957.851	1956.782	1956.193	1955.593	1955.004	1954.403	1954.788	1955.160
160	2485.312	2483.378	2481.432	2479.041	2476.218	2473.383	2470.560	2467.725	2465.490	2463.268
165	3561.607	3558.207	3554.807	3550.002	3543.803	3537.616	3531.417	3525.218	3520.509	3515.799
170	5688.186	5683.525	5678.876	5672.412	5664.135	5655.870	5647.593	5639.328	5632.216	5625.104
175	8459.250	8458.673	8458.084	8457.736	8457.604	8457.460	8457.327	8457.195	8455.802	8454.420
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## 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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8453.027	8451.633	8451.141	8451.549	8451.969	8452.378	8452.786	8452.378	8451.969	8451.549
10	5617.992	5610.880	5606.495	5604.849	5603.203	5601.545	5599.899	5601.545	5603.203	5604.849
15	3511.090	3506.381	3503.858	3503.534	3503.197	3502.873	3502.537	3502.873	3503.197	3503.534
20	2461.033	2458.811	2457.513	2457.153	2456.804	2456.444	2456.084	2456.444	2456.804	2457.153
25	1955.544	1955.917	1956.842	1958.320	1959.785	1961.263	1962.729	1961.263	1959.785	1958.320
30	1475.765	1480.558	1483.790	1485.459	1487.141	1488.811	1490.493	1488.811	1487.141	1485.459
35	705.020	704.347	703.830	703.482	703.133	702.773	702.425	702.773	703.133	703.482
40	259.994	257.688	256.078	255.165	254.240	253.327	252.414	253.327	254.240	255.165
45	161.568	161.100	160.764	160.559	160.355	160.151	159.947	160.151	160.355	160.559
50	111.953	111.617	111.376	111.232	111.076	110.932	110.788	110.932	111.076	111.232
55	76.333	76.105	75.937	75.853	75.769	75.685	75.600	75.685	75.769	75.853
60	50.396	50.240	50.144	50.084	50.024	49.964	49.904	49.964	50.024	50.084
65	33.662	33.565	33.505	33.493	33.481	33.457	33.445	33.457	33.481	33.493
70	22.453	22.417	22.393	22.381	22.381	22.369	22.369	22.369	22.381	22.381
75	13.984	13.972	13.972	13.984	13.996	13.996	14.008	13.996	13.996	13.984
80	6.836	6.824	6.812	6.812	6.800	6.800	6.800	6.800	6.800	6.812
85	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
90	0.553	0.553	0.553	0.553	0.529	0.529	0.529	0.529	0.529	0.553
95	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
100	6.836	6.824	6.812	6.812	6.800	6.800	6.800	6.800	6.800	6.812
105	13.984	13.972	13.972	13.984	13.996	13.996	14.008	13.996	13.996	13.984
110	22.453	22.417	22.393	22.381	22.381	22.369	22.369	22.369	22.381	22.381
115	33.662	33.565	33.505	33.493	33.481	33.457	33.445	33.457	33.481	33.493
120	50.396	50.240	50.144	50.084	50.024	49.964	49.904	49.964	50.024	50.084
125	76.333	76.105	75.937	75.853	75.769	75.685	75.600	75.685	75.769	75.853
130	111.953	111.617	111.376	111.232	111.076	110.932	110.788	110.932	111.076	111.232
135	161.568	161.100	160.764	160.559	160.355	160.151	159.947	160.151	160.355	160.559
140	259.994	257.688	256.078	255.165	254.240	253.327	252.414	253.327	254.240	255.165
145	705.020	704.347	703.830	703.482	703.133	702.773	702.425	702.773	703.133	703.482
150	1475.765	1480.558	1483.790	1485.459	1487.141	1488.811	1490.493	1488.811	1487.141	1485.459
155	1955.544	1955.917	1956.842	1958.320	1959.785	1961.263	1962.729	1961.263	1959.785	1958.320
160	2461.033	2458.811	2457.513	2457.153	2456.804	2456.444	2456.084	2456.444	2456.804	2457.153
165	3511.090	3506.381	3503.858	3503.534	3503.197	3502.873	3502.537	3502.873	3503.197	3503.534
170	5617.992	5610.880	5606.495	5604.849	5603.203	5601.545	5599.899	5601.545	5603.203	5604.849
175	8453.027	8451.633	8451.141	8451.561	8451.969	8452.378	8452.786	8452.378	8451.969	8451.561
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## 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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	8451.141	8451.633	8453.027	8454.408	8455.802	8457.195	8457.327	8457.460	8457.592	8457.724
10	5606.495	5610.880	5617.992	5625.104	5632.216	5639.328	5647.593	5655.870	5664.135	5672.412
15	3503.858	3506.381	3511.090	3515.799	3520.509	3525.218	3531.417	3537.616	3543.803	3550.002
20	2457.513	2458.811	2461.033	2463.268	2465.490	2467.725	2470.560	2473.383	2476.218	2479.041
25	1956.842	1955.917	1955.544	1955.160	1954.788	1954.403	1955.004	1955.593	1956.193	1956.782
30	1483.790	1480.558	1475.765	1470.971	1466.190	1461.396	1462.322	1463.235	1464.160	1465.085
35	703.830	704.347	705.020	705.692	706.365	707.038	709.957	712.864	715.784	718.703
40	256.078	257.688	259.994	262.289	264.596	266.902	268.103	269.317	270.518	271.732
45	160.764	161.100	161.568	162.037	162.506	162.974	163.094	163.226	163.346	163.479
50	111.376	111.617	111.953	112.301	112.638	112.974	113.178	113.383	113.587	113.791
55	75.937	76.105	76.333	76.574	76.802	77.042	77.210	77.390	77.559	77.739
60	50.144	50.240	50.396	50.552	50.709	50.865	50.973	51.069	51.177	51.285
65	33.505	33.565	33.662	33.758	33.854	33.950	33.998	34.046	34.082	34.130
70	22.393	22.417	22.453	22.501	22.537	22.585	22.597	22.621	22.633	22.645
75	13.972	13.972	13.984	13.996	14.008	14.020	14.032	14.032	14.044	14.056
80	6.812	6.824	6.836	6.848	6.872	6.884	6.896	6.908	6.908	6.920
85	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.454	1.454
90	0.553	0.553	0.553	0.577	0.577	0.577	0.577	0.577	0.601	0.601
95	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.454	1.454
100	6.812	6.824	6.836	6.848	6.872	6.884	6.896	6.908	6.908	6.920
105	13.972	13.972	13.984	13.996	14.008	14.020	14.032	14.032	14.044	14.056
110	22.393	22.417	22.453	22.501	22.537	22.585	22.597	22.621	22.633	22.645
115	33.505	33.565	33.662	33.758	33.854	33.950	33.998	34.046	34.082	34.130
120	50.144	50.240	50.396	50.552	50.709	50.865	50.973	51.069	51.177	51.285
125	75.937	76.105	76.333	76.574	76.802	77.042	77.210	77.390	77.559	77.739
130	111.376	111.617	111.953	112.301	112.638	112.974	113.178	113.383	113.587	113.791
135	160.764	161.100	161.568	162.037	162.506	162.974	163.094	163.226	163.346	163.479
140	256.078	257.688	259.994	262.289	264.596	266.902	268.103	269.317	270.518	271.732
145	703.830	704.347	705.020	705.692	706.365	707.038	709.957	712.864	715.784	718.703
150	1483.790	1480.558	1475.765	1470.971	1466.190	1461.396	1462.322	1463.235	1464.160	1465.085
155	1956.842	1955.917	1955.544	1955.160	1954.788	1954.403	1955.004	1955.593	1956.193	1956.782
160	2457.513	2458.811	2461.033	2463.268	2465.490	2467.725	2470.560	2473.383	2476.218	2479.041
165	3503.858	3506.381	3511.090	3515.799	3520.509	3525.218	3531.417	3537.616	3543.803	3550.002
170	5606.495	5610.880	5617.992	5625.104	5632.216	5639.328	5647.593	5655.870	5664.135	5672.412
175	8451.141	8451.633	8453.027	8454.420	8455.802	8457.195	8457.327	8457.460	8457.604	8457.736
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## 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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8458.084	8458.661	8459.250	8459.826	8460.403	8459.826	8459.250	8458.661	8458.084	8457.724
10	5678.876	5683.525	5688.186	5692.835	5697.497	5692.835	5688.186	5683.525	5678.876	5672.412
15	3554.807	3558.207	3561.607	3565.018	3568.418	3565.018	3561.607	3558.207	3554.807	3550.002
20	2481.432	2483.378	2485.312	2487.258	2489.205	2487.258	2485.312	2483.378	2481.432	2479.041
25	1957.851	1959.389	1960.926	1962.464	1964.002	1962.464	1960.926	1959.389	1957.851	1956.782
30	1466.442	1468.232	1470.022	1471.812	1473.602	1471.812	1470.022	1468.232	1466.442	1465.085
35	720.493	721.178	721.862	722.547	723.232	722.547	721.862	721.178	720.493	718.703
40	272.885	273.990	275.095	276.201	277.306	276.201	275.095	273.990	272.885	271.732
45	163.599	163.719	163.827	163.947	164.067	163.947	163.827	163.719	163.599	163.479
50	113.935	114.019	114.115	114.200	114.296	114.200	114.115	114.019	113.935	113.791
55	77.859	77.943	78.027	78.099	78.183	78.099	78.027	77.943	77.859	77.739
60	51.369	51.429	51.502	51.562	51.634	51.562	51.502	51.429	51.369	51.285
65	34.166	34.178	34.202	34.214	34.238	34.214	34.202	34.178	34.166	34.130
70	22.657	22.645	22.645	22.633	22.633	22.633	22.645	22.645	22.657	22.645
75	14.056	14.044	14.032	14.020	14.008	14.020	14.032	14.044	14.056	14.056

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	6.920	6.920	6.908	6.908	6.908	6.908	6.908	6.920	6.920	6.920
85	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454
90	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601
95	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454	1.454
100	6.920	6.920	6.908	6.908	6.908	6.908	6.908	6.920	6.920	6.920
105	14.056	14.044	14.032	14.020	14.008	14.020	14.032	14.044	14.056	14.056
110	22.657	22.645	22.645	22.633	22.633	22.633	22.645	22.645	22.657	22.645
115	34.166	34.178	34.202	34.214	34.238	34.214	34.202	34.178	34.166	34.130
120	51.369	51.429	51.502	51.562	51.634	51.562	51.502	51.429	51.369	51.285
125	77.859	77.943	78.027	78.099	78.183	78.099	78.027	77.943	77.859	77.739
130	113.935	114.019	114.115	114.200	114.296	114.200	114.115	114.019	113.935	113.791
135	163.599	163.719	163.827	163.947	164.067	163.947	163.827	163.719	163.599	163.479
140	272.885	273.990	275.095	276.201	277.306	276.201	275.095	273.990	272.885	271.732
145	720.493	721.178	721.862	722.547	723.232	722.547	721.862	721.178	720.493	718.703
150	1466.442	1468.232	1470.022	1471.812	1473.602	1471.812	1470.022	1468.232	1466.442	1465.085
155	1957.851	1959.389	1960.926	1962.464	1964.002	1962.464	1960.926	1959.389	1957.851	1956.782
160	2481.432	2483.378	2485.312	2487.258	2489.205	2487.258	2485.312	2483.378	2481.432	2479.041
165	3554.807	3558.207	3561.607	3565.018	3568.418	3565.018	3561.607	3558.207	3554.807	3550.002
170	5678.876	5683.525	5688.186	5692.835	5697.497	5692.835	5688.186	5683.525	5678.876	5672.412
175	8458.084	8458.673	8459.250	8459.826	8460.403	8459.826	8459.250	8458.673	8458.084	8457.736
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## 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	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562	9816.562
5	8457.592	8457.460	8457.327	8457.195	8455.802	8454.408	8453.027	8451.633	8451.141	8451.549
10	5664.135	5655.870	5647.593	5639.328	5632.216	5625.104	5617.992	5610.880	5606.495	5604.849
15	3543.803	3537.616	3531.417	3525.218	3520.509	3515.799	3511.090	3506.381	3503.858	3503.534
20	2476.218	2473.383	2470.560	2467.725	2465.490	2463.268	2461.033	2458.811	2457.513	2457.153
25	1956.193	1955.593	1955.004	1954.403	1954.788	1955.160	1955.544	1955.917	1956.842	1958.320
30	1464.160	1463.235	1462.322	1461.396	1466.190	1470.971	1475.765	1480.558	1483.790	1485.459
35	715.784	712.864	709.957	707.038	706.365	705.692	705.020	704.347	703.830	703.482
40	270.518	269.317	268.103	266.902	264.596	262.289	259.994	257.688	256.078	255.165
45	163.346	163.226	163.094	162.974	162.506	162.037	161.568	161.100	160.764	160.559
50	113.587	113.383	113.178	112.974	112.638	112.301	111.953	111.617	111.376	111.232
55	77.559	77.390	77.210	77.042	76.802	76.574	76.333	76.105	75.937	75.853
60	51.177	51.069	50.973	50.865	50.709	50.552	50.396	50.240	50.144	50.084
65	34.082	34.046	33.998	33.950	33.854	33.758	33.662	33.565	33.505	33.493
70	22.633	22.621	22.597	22.585	22.537	22.501	22.453	22.417	22.393	22.381
75	14.044	14.032	14.032	14.020	14.008	13.996	13.984	13.972	13.972	13.984
80	6.908	6.908	6.896	6.884	6.872	6.848	6.836	6.824	6.812	6.812
85	1.454	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
90	0.601	0.577	0.577	0.577	0.577	0.577	0.553	0.553	0.553	0.553
95	1.454	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466	1.466
100	6.908	6.908	6.896	6.884	6.872	6.848	6.836	6.824	6.812	6.812
105	14.044	14.032	14.032	14.020	14.008	13.996	13.984	13.972	13.972	13.984
110	22.633	22.621	22.597	22.585	22.537	22.501	22.453	22.417	22.393	22.381
115	34.082	34.046	33.998	33.950	33.854	33.758	33.662	33.565	33.505	33.493
120	51.177	51.069	50.973	50.865	50.709	50.552	50.396	50.240	50.144	50.084
125	77.559	77.390	77.210	77.042	76.802	76.574	76.333	76.105	75.937	75.853
130	113.587	113.383	113.178	112.974	112.638	112.301	111.953	111.617	111.376	111.232
135	163.346	163.226	163.094	162.974	162.506	162.037	161.568	161.100	160.764	160.559
140	270.518	269.317	268.103	266.902	264.596	262.289	259.994	257.688	256.078	255.165
145	715.784	712.864	709.957	707.038	706.365	705.692	705.020	704.347	703.830	703.482
150	1464.160	1463.235	1462.322	1461.396	1466.190	1470.971	1475.765	1480.558	1483.790	1485.459

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1956.193	1955.593	1955.004	1954.403	1954.788	1955.160	1955.544	1955.917	1956.842	1958.320
160	2476.218	2473.383	2470.560	2467.725	2465.490	2463.268	2461.033	2458.811	2457.513	2457.153
165	3543.803	3537.616	3531.417	3525.218	3520.509	3515.799	3511.090	3506.381	3503.858	3503.534
170	5664.135	5655.870	5647.593	5639.328	5632.216	5625.104	5617.992	5610.880	5606.495	5604.849
175	8457.604	8457.460	8457.327	8457.195	8455.802	8454.420	8453.027	8451.633	8451.141	8451.561
180	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165	9816.165

## Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	9816.562	9816.562	9816.562
5	8451.969	8452.378	8452.786
10	5603.203	5601.545	5599.899
15	3503.197	3502.873	3502.537
20	2456.804	2456.444	2456.084
25	1959.785	1961.263	1962.729
30	1487.141	1488.811	1490.493
35	703.133	702.773	702.425
40	254.240	253.327	252.414
45	160.355	160.151	159.947
50	111.076	110.932	110.788
55	75.769	75.685	75.600
60	50.024	49.964	49.904
65	33.481	33.457	33.445
70	22.381	22.369	22.369
75	13.996	13.996	14.008
80	6.800	6.800	6.800
85	1.466	1.466	1.466
90	0.529	0.529	0.529
95	1.466	1.466	1.466
100	6.800	6.800	6.800
105	13.996	13.996	14.008
110	22.381	22.369	22.369
115	33.481	33.457	33.445
120	50.024	49.964	49.904
125	75.769	75.685	75.600
130	111.076	110.932	110.788
135	160.355	160.151	159.947
140	254.240	253.327	252.414
145	703.133	702.773	702.425
150	1487.141	1488.811	1490.493
155	1959.785	1961.263	1962.729
160	2456.804	2456.444	2456.084
165	3503.197	3502.873	3502.537
170	5603.203	5601.545	5599.899
175	8451.969	8452.378	8452.786
180	9816.165	9816.165	9816.165



COEFFICIENTS OF UTILIZATION



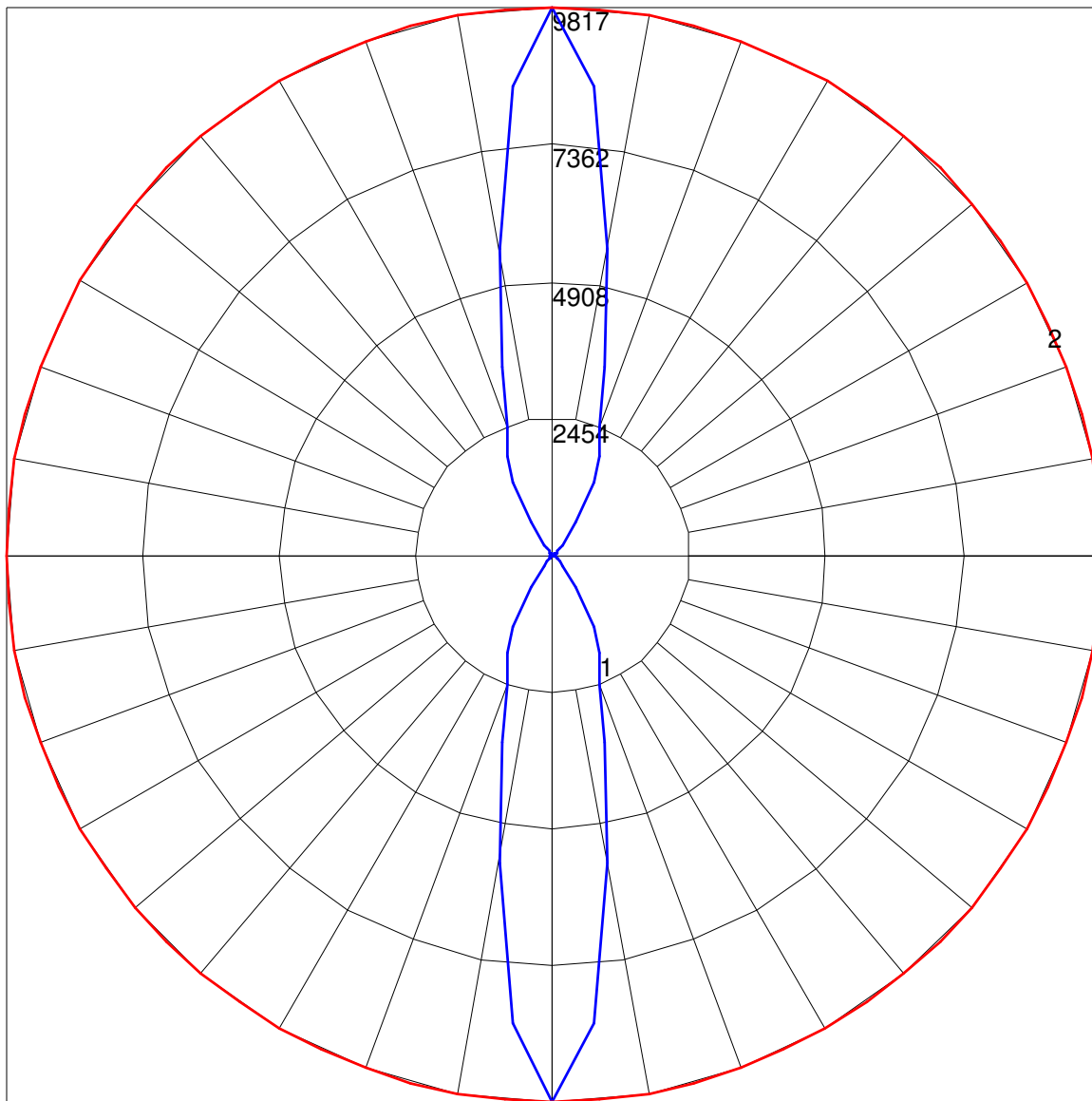
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1701.3	25.0
Downward House Side	1701.3	25.0
Downward Total	3402.6	50.0
Upward Street Side	1701.3	25.0
Upward House Side	1701.3	25.0
Upward Total	3402.6	50.0
Total Flux	6805.2	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

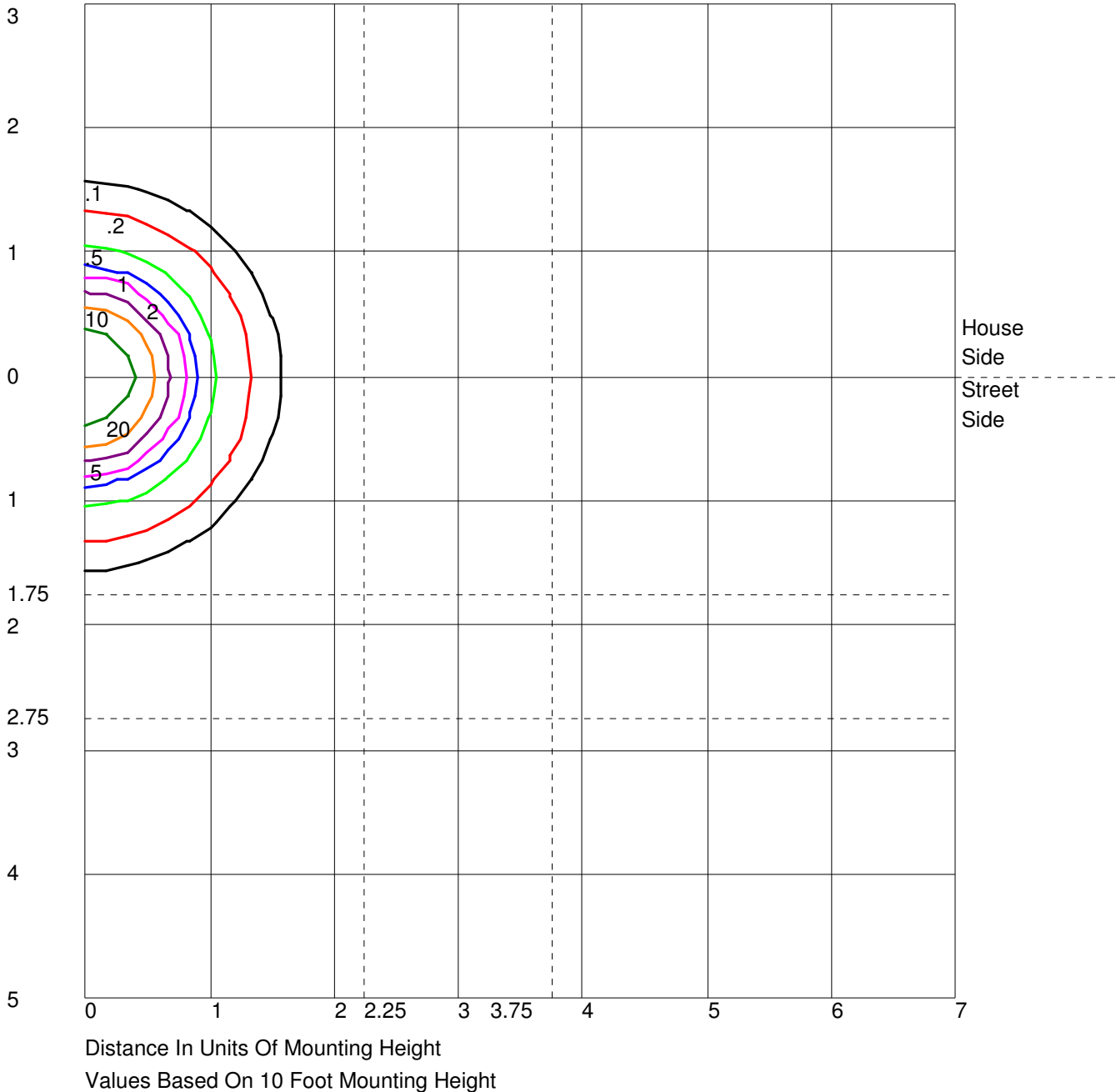


Maximum Candela = 9816.562 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

