

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-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-L30-927U-L30-927D-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	5120
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7386.045
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7386.045
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.452 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.206 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1000.6	N.A.	19.5
FM - Front-Medium (30-60)	259.6	N.A.	5.1
FH - Front-High (60-80)	18.8	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1000.6	N.A.	19.5
BM - Back-Medium (30-60)	259.6	N.A.	5.1
BH - Back-High (60-80)	18.8	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.1	N.A.	0.0
UH - Uplight-High (100-180)	2558.0	N.A.	50.0
Total	5120.3	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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6359.932	6359.625	6359.317	6359.001	6358.694	6359.064	6360.113	6361.152	6362.201	6363.249
10	4213.401	4214.639	4215.887	4217.125	4218.363	4221.663	4227.014	4232.365	4237.716	4243.067
15	2635.331	2635.585	2635.829	2636.082	2636.326	2638.224	2641.767	2645.311	2648.854	2652.397
20	1847.973	1848.245	1848.516	1848.778	1849.049	1850.025	1851.697	1853.379	1855.051	1856.732
25	1476.770	1475.667	1474.555	1473.452	1472.341	1471.645	1471.364	1471.075	1470.795	1470.506
30	1121.457	1120.191	1118.935	1117.669	1116.413	1113.981	1110.375	1106.768	1103.171	1099.564
35	528.509	528.771	529.042	529.304	529.566	529.955	530.461	530.968	531.474	531.980
40	189.918	190.605	191.292	191.988	192.675	193.886	195.622	197.348	199.083	200.819
45	120.345	120.499	120.652	120.806	120.960	121.213	121.565	121.918	122.270	122.623
50	83.357	83.466	83.574	83.692	83.800	83.981	84.234	84.496	84.749	85.003
55	56.882	56.946	57.009	57.072	57.135	57.262	57.434	57.614	57.786	57.967
60	37.548	37.593	37.638	37.683	37.729	37.801	37.919	38.036	38.154	38.271
65	25.165	25.174	25.192	25.201	25.210	25.255	25.327	25.400	25.472	25.544
70	16.831	16.831	16.840	16.840	16.849	16.867	16.894	16.930	16.957	16.993
75	10.539	10.530	10.530	10.521	10.512	10.512	10.521	10.530	10.539	10.548
80	5.116	5.116	5.116	5.125	5.125	5.134	5.143	5.152	5.170	5.179
85	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
90	0.398	0.398	0.398	0.416	0.416	0.416	0.416	0.434	0.434	0.434
95	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
100	5.116	5.116	5.116	5.125	5.125	5.134	5.143	5.152	5.170	5.179
105	10.539	10.530	10.530	10.521	10.512	10.512	10.521	10.530	10.539	10.548
110	16.831	16.831	16.840	16.840	16.849	16.867	16.894	16.930	16.957	16.993
115	25.165	25.174	25.192	25.201	25.210	25.255	25.327	25.400	25.472	25.544
120	37.548	37.593	37.638	37.683	37.729	37.801	37.919	38.036	38.154	38.271
125	56.882	56.946	57.009	57.072	57.135	57.262	57.434	57.614	57.786	57.967
130	83.357	83.466	83.574	83.692	83.800	83.981	84.234	84.496	84.749	85.003
135	120.345	120.499	120.652	120.806	120.960	121.213	121.565	121.918	122.270	122.623
140	189.918	190.605	191.292	191.988	192.675	193.886	195.622	197.348	199.083	200.819
145	528.509	528.771	529.042	529.304	529.566	529.955	530.461	530.968	531.474	531.980
150	1121.457	1120.191	1118.935	1117.669	1116.413	1113.981	1110.375	1106.768	1103.171	1099.564
155	1476.770	1475.667	1474.555	1473.452	1472.341	1471.645	1471.364	1471.075	1470.795	1470.506
160	1847.973	1848.245	1848.516	1848.778	1849.049	1850.025	1851.697	1853.379	1855.051	1856.732
165	2635.331	2635.585	2635.829	2636.082	2636.326	2638.224	2641.767	2645.311	2648.854	2652.397
170	4213.401	4214.639	4215.887	4217.125	4218.363	4221.663	4227.014	4232.365	4237.716	4243.067
175	6359.932	6359.625	6359.317	6359.010	6358.694	6359.064	6360.113	6361.161	6362.201	6363.249
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6363.349	6363.448	6363.547	6363.647	6363.918	6364.352	6364.795	6365.229	6365.663	6365.229
10	4249.286	4255.514	4261.732	4267.960	4272.823	4276.321	4279.829	4283.327	4286.834	4283.327
15	2657.061	2661.725	2666.380	2671.044	2674.660	2677.218	2679.776	2682.343	2684.901	2682.343
20	1858.865	1860.990	1863.123	1865.247	1867.046	1868.510	1869.965	1871.430	1872.894	1871.430
25	1470.958	1471.401	1471.853	1472.296	1473.100	1474.257	1475.414	1476.571	1477.728	1476.571
30	1100.260	1100.947	1101.643	1102.339	1103.361	1104.707	1106.054	1107.401	1108.748	1107.401
35	534.176	536.364	538.560	540.757	542.104	542.619	543.134	543.649	544.164	543.649
40	201.723	202.636	203.540	204.453	205.320	206.152	206.984	207.815	208.647	207.815
45	122.713	122.813	122.903	123.002	123.093	123.183	123.265	123.355	123.445	123.355
50	85.156	85.310	85.464	85.617	85.726	85.789	85.861	85.925	85.997	85.925
55	58.093	58.229	58.356	58.491	58.582	58.645	58.708	58.762	58.826	58.762

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CANDELA TABULATION - (Cont.)

60	38.352	38.425	38.506	38.587	38.651	38.696	38.750	38.795	38.850	38.795
65	25.580	25.616	25.644	25.680	25.707	25.716	25.734	25.743	25.761	25.743
70	17.002	17.020	17.029	17.038	17.048	17.038	17.038	17.029	17.029	17.029
75	10.558	10.558	10.567	10.576	10.576	10.567	10.558	10.548	10.539	10.548
80	5.188	5.197	5.197	5.206	5.206	5.206	5.197	5.197	5.197	5.197
85	1.103	1.103	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094
90	0.434	0.434	0.452	0.452	0.452	0.452	0.452	0.452	0.452	0.452
95	1.103	1.103	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094
100	5.188	5.197	5.197	5.206	5.206	5.206	5.197	5.197	5.197	5.197
105	10.558	10.558	10.567	10.576	10.576	10.567	10.558	10.548	10.539	10.548
110	17.002	17.020	17.029	17.038	17.048	17.038	17.038	17.029	17.029	17.029
115	25.580	25.616	25.644	25.680	25.707	25.716	25.734	25.743	25.761	25.743
120	38.352	38.425	38.506	38.587	38.651	38.696	38.750	38.795	38.850	38.795
125	58.093	58.229	58.356	58.491	58.582	58.645	58.708	58.762	58.826	58.762
130	85.156	85.310	85.464	85.617	85.726	85.789	85.861	85.925	85.997	85.925
135	122.713	122.813	122.903	123.002	123.093	123.183	123.265	123.355	123.445	123.355
140	201.723	202.636	203.540	204.453	205.320	206.152	206.984	207.815	208.647	207.815
145	534.176	536.364	538.560	540.757	542.104	542.619	543.134	543.649	544.164	543.649
150	1100.260	1100.947	1101.643	1102.339	1103.361	1104.707	1106.054	1107.401	1108.748	1107.401
155	1470.958	1471.401	1471.853	1472.296	1473.100	1474.257	1475.414	1476.571	1477.728	1476.571
160	1858.865	1860.990	1863.123	1865.247	1867.046	1868.510	1869.965	1871.430	1872.894	1871.430
165	2657.061	2661.725	2666.380	2671.044	2674.660	2677.218	2679.776	2682.343	2684.901	2682.343
170	4249.286	4255.514	4261.732	4267.960	4272.823	4276.321	4279.829	4283.327	4286.834	4283.327
175	6363.349	6363.448	6363.556	6363.656	6363.918	6364.361	6364.795	6365.229	6365.663	6365.229
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6364.795	6364.352	6363.918	6363.647	6363.547	6363.448	6363.349	6363.249	6362.201	6361.152
10	4279.829	4276.321	4272.823	4267.960	4261.732	4255.514	4249.286	4243.067	4237.716	4232.365
15	2679.776	2677.218	2674.660	2671.044	2666.380	2661.725	2657.061	2652.397	2648.854	2645.311
20	1869.965	1868.510	1867.046	1865.247	1863.123	1860.990	1858.865	1856.732	1855.051	1853.379
25	1475.414	1474.257	1473.100	1472.296	1471.853	1471.401	1470.958	1470.506	1470.795	1471.075
30	1106.054	1104.707	1103.361	1102.339	1101.643	1100.947	1100.260	1099.564	1103.171	1106.768
35	543.134	542.619	542.104	540.757	538.560	536.364	534.176	531.980	531.474	530.968
40	206.984	206.152	205.320	204.453	203.540	202.636	201.723	200.819	199.083	197.348
45	123.265	123.183	123.093	123.002	122.903	122.813	122.713	122.623	122.270	121.918
50	85.861	85.789	85.726	85.617	85.464	85.310	85.156	85.003	84.749	84.496
55	58.708	58.645	58.582	58.491	58.356	58.229	58.093	57.967	57.786	57.614
60	38.750	38.696	38.651	38.587	38.506	38.425	38.352	38.271	38.154	38.036
65	25.734	25.716	25.707	25.680	25.644	25.616	25.580	25.544	25.472	25.400
70	17.038	17.038	17.048	17.038	17.029	17.020	17.002	16.993	16.957	16.930
75	10.558	10.567	10.576	10.576	10.567	10.558	10.558	10.548	10.539	10.530
80	5.197	5.206	5.206	5.206	5.197	5.197	5.188	5.179	5.170	5.152
85	1.094	1.094	1.094	1.094	1.094	1.103	1.103	1.103	1.103	1.103
90	0.452	0.452	0.452	0.452	0.452	0.434	0.434	0.434	0.434	0.434
95	1.094	1.094	1.094	1.094	1.094	1.103	1.103	1.103	1.103	1.103
100	5.197	5.206	5.206	5.206	5.197	5.197	5.188	5.179	5.170	5.152
105	10.558	10.567	10.576	10.576	10.567	10.558	10.558	10.548	10.539	10.530
110	17.038	17.038	17.048	17.038	17.029	17.020	17.002	16.993	16.957	16.930
115	25.734	25.716	25.707	25.680	25.644	25.616	25.580	25.544	25.472	25.400
120	38.750	38.696	38.651	38.587	38.506	38.425	38.352	38.271	38.154	38.036
125	58.708	58.645	58.582	58.491	58.356	58.229	58.093	57.967	57.786	57.614
130	85.861	85.789	85.726	85.617	85.464	85.310	85.156	85.003	84.749	84.496

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CANDELA TABULATION - (Cont.)

135	123.265	123.183	123.093	123.002	122.903	122.813	122.713	122.623	122.270	121.918
140	206.984	206.152	205.320	204.453	203.540	202.636	201.723	200.819	199.083	197.348
145	543.134	542.619	542.104	540.757	538.560	536.364	534.176	531.980	531.474	530.968
150	1106.054	1104.707	1103.361	1102.339	1101.643	1100.947	1100.260	1099.564	1103.171	1106.768
155	1475.414	1474.257	1473.100	1472.296	1471.853	1471.401	1470.958	1470.506	1470.795	1471.075
160	1869.965	1868.510	1867.046	1865.247	1863.123	1860.990	1858.865	1856.732	1855.051	1853.379
165	2679.776	2677.218	2674.660	2671.044	2666.380	2661.725	2657.061	2652.397	2648.854	2645.311
170	4279.829	4276.321	4272.823	4267.960	4261.732	4255.514	4249.286	4243.067	4237.716	4232.365
175	6364.795	6364.361	6363.918	6363.656	6363.556	6363.448	6363.349	6363.249	6362.201	6361.161
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6360.113	6359.064	6358.694	6359.001	6359.317	6359.625	6359.932	6359.625	6359.317	6359.001
10	4227.014	4221.663	4218.363	4217.125	4215.887	4214.639	4213.401	4214.639	4215.887	4217.125
15	2641.767	2638.224	2636.326	2636.082	2635.829	2635.585	2635.331	2635.585	2635.829	2636.082
20	1851.697	1850.025	1849.049	1848.778	1848.516	1848.245	1847.973	1848.245	1848.516	1848.778
25	1471.364	1471.645	1472.341	1473.452	1474.555	1475.667	1476.770	1475.667	1474.555	1473.452
30	1110.375	1113.981	1116.413	1117.669	1118.935	1120.191	1121.457	1120.191	1118.935	1117.669
35	530.461	529.955	529.566	529.304	529.042	528.771	528.509	528.771	529.042	529.304
40	195.622	193.886	192.675	191.988	191.292	190.605	189.918	190.605	191.292	191.988
45	121.565	121.213	120.960	120.806	120.652	120.499	120.345	120.499	120.652	120.806
50	84.234	83.981	83.800	83.692	83.574	83.466	83.357	83.466	83.574	83.692
55	57.434	57.262	57.135	57.072	57.009	56.946	56.882	56.946	57.009	57.072
60	37.919	37.801	37.729	37.683	37.638	37.593	37.548	37.593	37.638	37.683
65	25.327	25.255	25.210	25.201	25.192	25.174	25.165	25.174	25.192	25.201
70	16.894	16.867	16.849	16.840	16.840	16.831	16.831	16.831	16.840	16.840
75	10.521	10.512	10.512	10.521	10.530	10.530	10.539	10.530	10.530	10.521
80	5.143	5.134	5.125	5.125	5.116	5.116	5.116	5.116	5.116	5.125
85	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
90	0.416	0.416	0.416	0.416	0.398	0.398	0.398	0.398	0.398	0.416
95	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
100	5.143	5.134	5.125	5.125	5.116	5.116	5.116	5.116	5.116	5.125
105	10.521	10.512	10.512	10.521	10.530	10.530	10.539	10.530	10.530	10.521
110	16.894	16.867	16.849	16.840	16.840	16.831	16.831	16.831	16.840	16.840
115	25.327	25.255	25.210	25.201	25.192	25.174	25.165	25.174	25.192	25.201
120	37.919	37.801	37.729	37.683	37.638	37.593	37.548	37.593	37.638	37.683
125	57.434	57.262	57.135	57.072	57.009	56.946	56.882	56.946	57.009	57.072
130	84.234	83.981	83.800	83.692	83.574	83.466	83.357	83.466	83.574	83.692
135	121.565	121.213	120.960	120.806	120.652	120.499	120.345	120.499	120.652	120.806
140	195.622	193.886	192.675	191.988	191.292	190.605	189.918	190.605	191.292	191.988
145	530.461	529.955	529.566	529.304	529.042	528.771	528.509	528.771	529.042	529.304
150	1110.375	1113.981	1116.413	1117.669	1118.935	1120.191	1121.457	1120.191	1118.935	1117.669
155	1471.364	1471.645	1472.341	1473.452	1474.555	1475.667	1476.770	1475.667	1474.555	1473.452
160	1851.697	1850.025	1849.049	1848.778	1848.516	1848.245	1847.973	1848.245	1848.516	1848.778
165	2641.767	2638.224	2636.326	2636.082	2635.829	2635.585	2635.331	2635.585	2635.829	2636.082
170	4227.014	4221.663	4218.363	4217.125	4215.887	4214.639	4213.401	4214.639	4215.887	4217.125
175	6360.113	6359.064	6358.694	6359.010	6359.317	6359.625	6359.932	6359.625	6359.317	6359.010
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	6358.694	6359.064	6360.113	6361.152	6362.201	6363.249	6363.349	6363.448	6363.547	6363.647
10	4218.363	4221.663	4227.014	4232.365	4237.716	4243.067	4249.286	4255.514	4261.732	4267.960
15	2636.326	2638.224	2641.767	2645.311	2648.854	2652.397	2657.061	2661.725	2666.380	2671.044
20	1849.049	1850.025	1851.697	1853.379	1855.051	1856.732	1858.865	1860.990	1863.123	1865.247
25	1472.341	1471.645	1471.364	1471.075	1470.795	1470.506	1470.958	1471.401	1471.853	1472.296
30	1116.413	1113.981	1110.375	1106.768	1103.171	1099.564	1100.260	1100.947	1101.643	1102.339
35	529.566	529.955	530.461	530.968	531.474	531.980	534.176	536.364	538.560	540.757
40	192.675	193.886	195.622	197.348	199.083	200.819	201.723	202.636	203.540	204.453
45	120.960	121.213	121.565	121.918	122.270	122.623	122.713	122.813	122.903	123.002
50	83.800	83.981	84.234	84.496	84.749	85.003	85.156	85.310	85.464	85.617
55	57.135	57.262	57.434	57.614	57.786	57.967	58.093	58.229	58.356	58.491
60	37.729	37.801	37.919	38.036	38.154	38.271	38.352	38.425	38.506	38.587
65	25.210	25.255	25.327	25.400	25.472	25.544	25.580	25.616	25.644	25.680
70	16.849	16.867	16.894	16.930	16.957	16.993	17.002	17.020	17.029	17.038
75	10.512	10.512	10.521	10.530	10.539	10.548	10.558	10.558	10.567	10.576
80	5.125	5.134	5.143	5.152	5.170	5.179	5.188	5.197	5.197	5.206
85	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.094	1.094
90	0.416	0.416	0.416	0.434	0.434	0.434	0.434	0.434	0.452	0.452
95	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.094	1.094
100	5.125	5.134	5.143	5.152	5.170	5.179	5.188	5.197	5.197	5.206
105	10.512	10.512	10.521	10.530	10.539	10.548	10.558	10.558	10.567	10.576
110	16.849	16.867	16.894	16.930	16.957	16.993	17.002	17.020	17.029	17.038
115	25.210	25.255	25.327	25.400	25.472	25.544	25.580	25.616	25.644	25.680
120	37.729	37.801	37.919	38.036	38.154	38.271	38.352	38.425	38.506	38.587
125	57.135	57.262	57.434	57.614	57.786	57.967	58.093	58.229	58.356	58.491
130	83.800	83.981	84.234	84.496	84.749	85.003	85.156	85.310	85.464	85.617
135	120.960	121.213	121.565	121.918	122.270	122.623	122.713	122.813	122.903	123.002
140	192.675	193.886	195.622	197.348	199.083	200.819	201.723	202.636	203.540	204.453
145	529.566	529.955	530.461	530.968	531.474	531.980	534.176	536.364	538.560	540.757
150	1116.413	1113.981	1110.375	1106.768	1103.171	1099.564	1100.260	1100.947	1101.643	1102.339
155	1472.341	1471.645	1471.364	1471.075	1470.795	1470.506	1470.958	1471.401	1471.853	1472.296
160	1849.049	1850.025	1851.697	1853.379	1855.051	1856.732	1858.865	1860.990	1863.123	1865.247
165	2636.326	2638.224	2641.767	2645.311	2648.854	2652.397	2657.061	2661.725	2666.380	2671.044
170	4218.363	4221.663	4227.014	4232.365	4237.716	4243.067	4249.286	4255.514	4261.732	4267.960
175	6358.694	6359.064	6360.113	6361.161	6362.201	6363.249	6363.349	6363.448	6363.556	6363.656
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6363.918	6364.352	6364.795	6365.229	6365.663	6365.229	6364.795	6364.352	6363.918	6363.647
10	4272.823	4276.321	4279.829	4283.327	4286.834	4283.327	4279.829	4276.321	4272.823	4267.960
15	2674.660	2677.218	2679.776	2682.343	2684.901	2682.343	2679.776	2677.218	2674.660	2671.044
20	1867.046	1868.510	1869.965	1871.430	1872.894	1871.430	1869.965	1868.510	1867.046	1865.247
25	1473.100	1474.257	1475.414	1476.571	1477.728	1476.571	1475.414	1474.257	1473.100	1472.296
30	1103.361	1104.707	1106.054	1107.401	1108.748	1107.401	1106.054	1104.707	1103.361	1102.339
35	542.104	542.619	543.134	543.649	544.164	543.649	543.134	542.619	542.104	540.757
40	205.320	206.152	206.984	207.815	208.647	207.815	206.984	206.152	205.320	204.453
45	123.093	123.183	123.265	123.355	123.445	123.355	123.265	123.183	123.093	123.002
50	85.726	85.789	85.861	85.925	85.997	85.925	85.861	85.789	85.726	85.617
55	58.582	58.645	58.708	58.762	58.826	58.762	58.708	58.645	58.582	58.491
60	38.651	38.696	38.750	38.795	38.850	38.795	38.750	38.696	38.651	38.587
65	25.707	25.716	25.734	25.743	25.761	25.743	25.734	25.716	25.707	25.680
70	17.048	17.038	17.038	17.029	17.029	17.029	17.038	17.038	17.048	17.038
75	10.576	10.567	10.558	10.548	10.539	10.548	10.558	10.567	10.576	10.576

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	5.206	5.206	5.197	5.197	5.197	5.197	5.197	5.206	5.206	5.206
85	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094
90	0.452	0.452	0.452	0.452	0.452	0.452	0.452	0.452	0.452	0.452
95	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094	1.094
100	5.206	5.206	5.197	5.197	5.197	5.197	5.197	5.206	5.206	5.206
105	10.576	10.567	10.558	10.548	10.539	10.548	10.558	10.567	10.576	10.576
110	17.048	17.038	17.038	17.029	17.029	17.029	17.038	17.038	17.048	17.038
115	25.707	25.716	25.734	25.743	25.761	25.743	25.734	25.716	25.707	25.680
120	38.651	38.696	38.750	38.795	38.850	38.795	38.750	38.696	38.651	38.587
125	58.582	58.645	58.708	58.762	58.826	58.762	58.708	58.645	58.582	58.491
130	85.726	85.789	85.861	85.925	85.997	85.925	85.861	85.789	85.726	85.617
135	123.093	123.183	123.265	123.355	123.445	123.355	123.265	123.183	123.093	123.002
140	205.320	206.152	206.984	207.815	208.647	207.815	206.984	206.152	205.320	204.453
145	542.104	542.619	543.134	543.649	544.164	543.649	543.134	542.619	542.104	540.757
150	1103.361	1104.707	1106.054	1107.401	1108.748	1107.401	1106.054	1104.707	1103.361	1102.339
155	1473.100	1474.257	1475.414	1476.571	1477.728	1476.571	1475.414	1474.257	1473.100	1472.296
160	1867.046	1868.510	1869.965	1871.430	1872.894	1871.430	1869.965	1868.510	1867.046	1865.247
165	2674.660	2677.218	2679.776	2682.343	2684.901	2682.343	2679.776	2677.218	2674.660	2671.044
170	4272.823	4276.321	4279.829	4283.327	4286.834	4283.327	4279.829	4276.321	4272.823	4267.960
175	6363.918	6364.361	6364.795	6365.229	6365.663	6365.229	6364.795	6364.361	6363.918	6363.656
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

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	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045	7386.045
5	6363.547	6363.448	6363.349	6363.249	6362.201	6361.152	6360.113	6359.064	6358.694	6359.001
10	4261.732	4255.514	4249.286	4243.067	4237.716	4232.365	4227.014	4221.663	4218.363	4217.125
15	2666.380	2661.725	2657.061	2652.397	2648.854	2645.311	2641.767	2638.224	2636.326	2636.082
20	1863.123	1860.990	1858.865	1856.732	1855.051	1853.379	1851.697	1850.025	1849.049	1848.778
25	1471.853	1471.401	1470.958	1470.506	1470.795	1471.075	1471.364	1471.645	1472.341	1473.452
30	1101.643	1100.947	1100.260	1099.564	1103.171	1106.768	1110.375	1113.981	1116.413	1117.669
35	538.560	536.364	534.176	531.980	531.474	530.968	530.461	529.955	529.566	529.304
40	203.540	202.636	201.723	200.819	199.083	197.348	195.622	193.886	192.675	191.988
45	122.903	122.813	122.713	122.623	122.270	121.918	121.565	121.213	120.960	120.806
50	85.464	85.310	85.156	85.003	84.749	84.496	84.234	83.981	83.800	83.692
55	58.356	58.229	58.093	57.967	57.786	57.614	57.434	57.262	57.135	57.072
60	38.506	38.425	38.352	38.271	38.154	38.036	37.919	37.801	37.729	37.683
65	25.644	25.616	25.580	25.544	25.472	25.400	25.327	25.255	25.210	25.201
70	17.029	17.020	17.002	16.993	16.957	16.930	16.894	16.867	16.849	16.840
75	10.567	10.558	10.558	10.548	10.539	10.530	10.521	10.512	10.512	10.521
80	5.197	5.197	5.188	5.179	5.170	5.152	5.143	5.134	5.125	5.125
85	1.094	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
90	0.452	0.434	0.434	0.434	0.434	0.434	0.416	0.416	0.416	0.416
95	1.094	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103	1.103
100	5.197	5.197	5.188	5.179	5.170	5.152	5.143	5.134	5.125	5.125
105	10.567	10.558	10.558	10.548	10.539	10.530	10.521	10.512	10.512	10.521
110	17.029	17.020	17.002	16.993	16.957	16.930	16.894	16.867	16.849	16.840
115	25.644	25.616	25.580	25.544	25.472	25.400	25.327	25.255	25.210	25.201
120	38.506	38.425	38.352	38.271	38.154	38.036	37.919	37.801	37.729	37.683
125	58.356	58.229	58.093	57.967	57.786	57.614	57.434	57.262	57.135	57.072
130	85.464	85.310	85.156	85.003	84.749	84.496	84.234	83.981	83.800	83.692
135	122.903	122.813	122.713	122.623	122.270	121.918	121.565	121.213	120.960	120.806
140	203.540	202.636	201.723	200.819	199.083	197.348	195.622	193.886	192.675	191.988
145	538.560	536.364	534.176	531.980	531.474	530.968	530.461	529.955	529.566	529.304
150	1101.643	1100.947	1100.260	1099.564	1103.171	1106.768	1110.375	1113.981	1116.413	1117.669

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1471.853	1471.401	1470.958	1470.506	1470.795	1471.075	1471.364	1471.645	1472.341	1473.452
160	1863.123	1860.990	1858.865	1856.732	1855.051	1853.379	1851.697	1850.025	1849.049	1848.778
165	2666.380	2661.725	2657.061	2652.397	2648.854	2645.311	2641.767	2638.224	2636.326	2636.082
170	4261.732	4255.514	4249.286	4243.067	4237.716	4232.365	4227.014	4221.663	4218.363	4217.125
175	6363.556	6363.448	6363.349	6363.249	6362.201	6361.161	6360.113	6359.064	6358.694	6359.010
180	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747	7385.747

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	7386.045	7386.045	7386.045
5	6359.317	6359.625	6359.932
10	4215.887	4214.639	4213.401
15	2635.829	2635.585	2635.331
20	1848.516	1848.245	1847.973
25	1474.555	1475.667	1476.770
30	1118.935	1120.191	1121.457
35	529.042	528.771	528.509
40	191.292	190.605	189.918
45	120.652	120.499	120.345
50	83.574	83.466	83.357
55	57.009	56.946	56.882
60	37.638	37.593	37.548
65	25.192	25.174	25.165
70	16.840	16.831	16.831
75	10.530	10.530	10.539
80	5.116	5.116	5.116
85	1.103	1.103	1.103
90	0.398	0.398	0.398
95	1.103	1.103	1.103
100	5.116	5.116	5.116
105	10.530	10.530	10.539
110	16.840	16.831	16.831
115	25.192	25.174	25.165
120	37.638	37.593	37.548
125	57.009	56.946	56.882
130	83.574	83.466	83.357
135	120.652	120.499	120.345
140	191.292	190.605	189.918
145	529.042	528.771	528.509
150	1118.935	1120.191	1121.457
155	1474.555	1475.667	1476.770
160	1848.516	1848.245	1847.973
165	2635.829	2635.585	2635.331
170	4215.887	4214.639	4213.401
175	6359.317	6359.625	6359.932
180	7385.747	7385.747	7385.747

COEFFICIENTS OF UTILIZATION



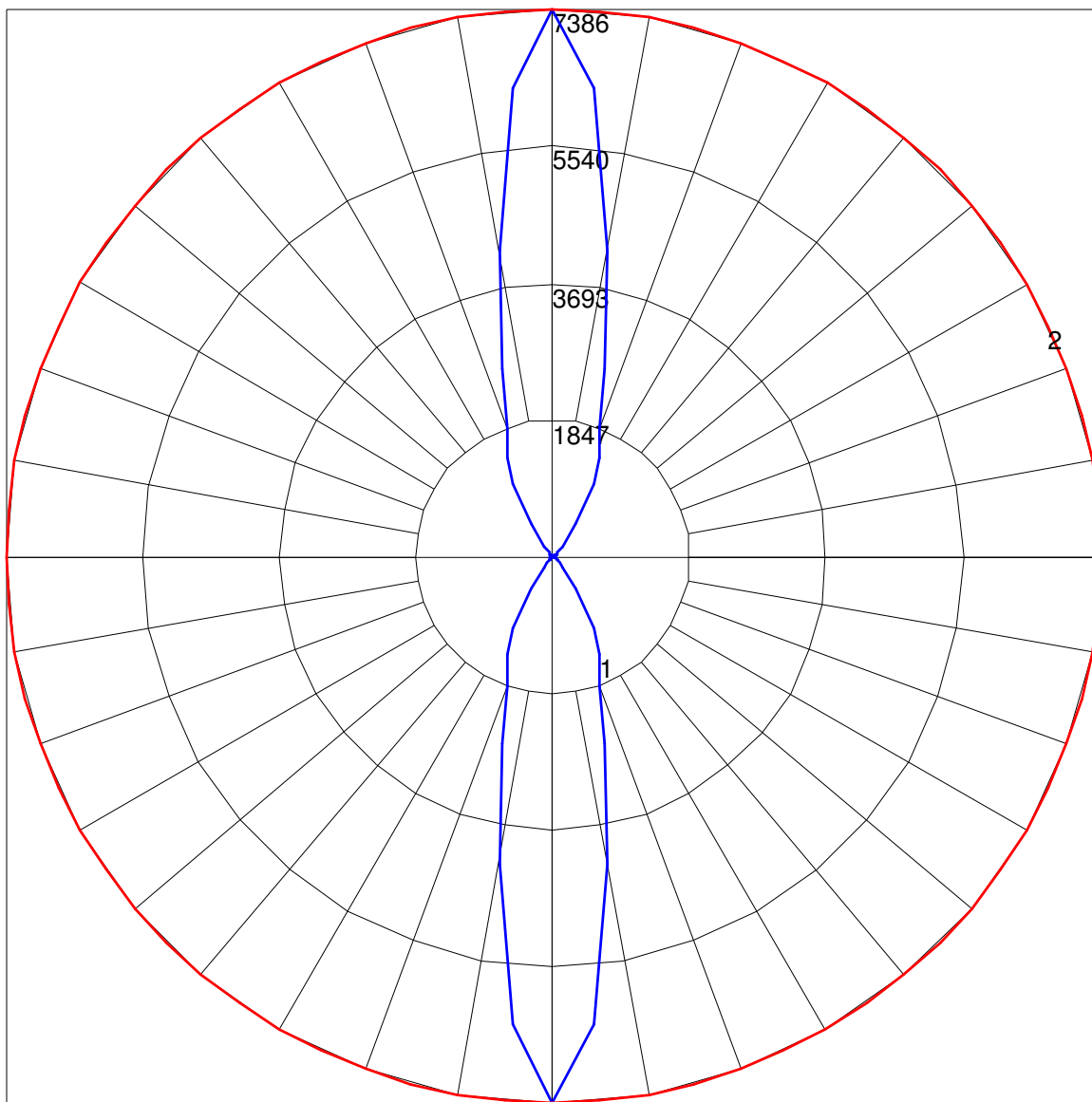
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1280.1	25.0
Downward House Side	1280.1	25.0
Downward Total	2560.2	50.0
Upward Street Side	1280.1	25.0
Upward House Side	1280.1	25.0
Upward Total	2560.2	50.0
Total Flux	5120.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 7386.045 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

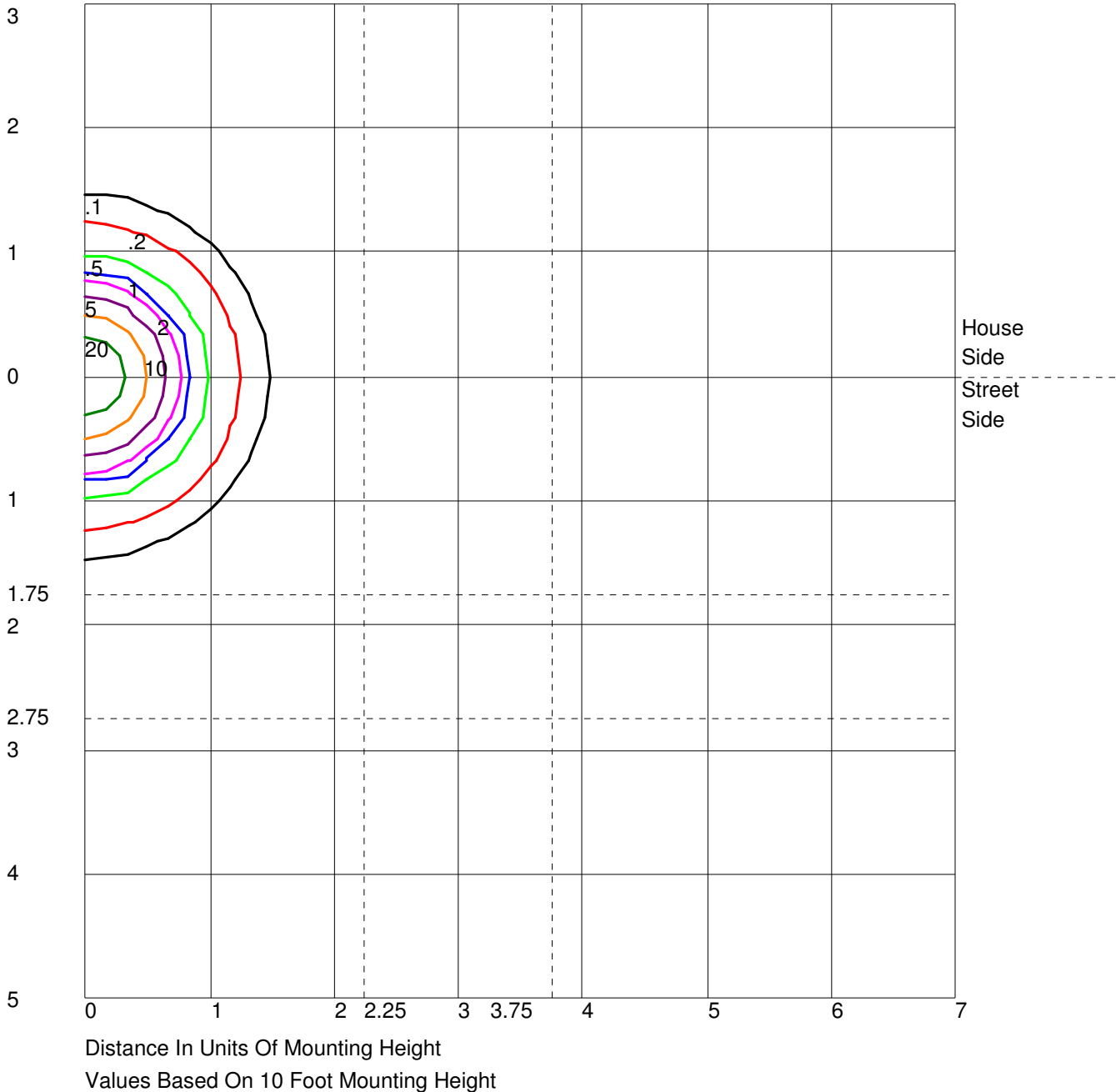


PHOTO LUMENS

