

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L30-830U-L30-830D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[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	6098
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	28187.402
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	28187.402
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.401 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.807 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1352.6	N.A.	22.2
FM - Front-Medium (30-60)	157.0	N.A.	2.6
FH - Front-High (60-80)	13.9	N.A.	0.2
FVH - Front-Very High (80-90)	1.0	N.A.	0.0
BL - Back-Low (0-30)	1352.6	N.A.	22.2
BM - Back-Medium (30-60)	157.0	N.A.	2.6
BH - Back-High (60-80)	13.9	N.A.	0.2
BVH - Back-Very High (80-90)	1.0	N.A.	0.0
UL - Uplight-Low (90-100)	1.9	N.A.	0.0
UH - Uplight-High (100-180)	3046.9	N.A.	50.0
Total	6097.8	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	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402
5	19080.939	19088.364	19095.790	19103.206	19110.631	19122.280	19138.161	19154.033	19169.914	19185.787
10	5718.182	5729.621	5741.060	5752.499	5763.937	5798.984	5857.647	5916.310	5974.964	6033.627
15	1883.548	1886.102	1888.647	1891.201	1893.746	1905.504	1926.475	1947.438	1968.409	1989.371
20	1230.802	1230.209	1229.616	1229.023	1228.430	1230.181	1234.295	1238.400	1242.514	1246.619
25	1099.173	1098.370	1097.558	1096.755	1095.943	1095.633	1095.816	1096.007	1096.190	1096.372
30	873.971	872.767	871.563	870.349	869.145	867.138	864.338	861.538	858.737	855.937
35	352.735	353.538	354.341	355.134	355.937	356.284	356.165	356.047	355.928	355.809
40	63.771	64.455	65.140	65.824	66.508	67.347	68.360	69.372	70.385	71.397
45	36.606	36.624	36.643	36.670	36.688	36.707	36.716	36.734	36.743	36.761
50	33.897	33.842	33.788	33.742	33.687	33.614	33.523	33.432	33.341	33.249
55	32.739	32.620	32.501	32.383	32.264	32.109	31.936	31.753	31.580	31.398
60	26.536	26.481	26.426	26.362	26.308	26.198	26.034	25.861	25.696	25.532
65	18.554	18.508	18.463	18.417	18.372	18.344	18.335	18.326	18.317	18.308
70	12.752	12.752	12.743	12.743	12.734	12.734	12.743	12.743	12.752	12.752
75	8.739	8.730	8.711	8.702	8.693	8.684	8.684	8.675	8.675	8.675
80	4.771	4.771	4.771	4.762	4.762	4.762	4.762	4.771	4.771	4.771
85	1.003	1.003	1.003	0.985	0.985	0.985	0.985	0.976	0.976	0.976
90	0.365	0.365	0.365	0.383	0.383	0.383	0.383	0.401	0.401	0.401
95	1.003	1.003	1.003	0.985	0.985	0.985	0.985	0.976	0.976	0.976
100	4.771	4.771	4.771	4.762	4.762	4.762	4.762	4.771	4.771	4.771
105	8.739	8.730	8.711	8.702	8.693	8.684	8.684	8.675	8.675	8.675
110	12.752	12.752	12.743	12.743	12.734	12.734	12.743	12.743	12.752	12.752
115	18.554	18.508	18.463	18.417	18.372	18.344	18.335	18.326	18.317	18.308
120	26.536	26.481	26.426	26.362	26.308	26.198	26.034	25.861	25.696	25.532
125	32.739	32.620	32.501	32.383	32.264	32.109	31.936	31.753	31.580	31.398
130	33.897	33.842	33.788	33.742	33.687	33.614	33.523	33.432	33.341	33.249
135	36.606	36.624	36.643	36.670	36.688	36.707	36.716	36.734	36.743	36.761
140	63.771	64.455	65.140	65.824	66.508	67.347	68.360	69.372	70.385	71.397
145	352.735	353.538	354.341	355.134	355.937	356.284	356.165	356.047	355.928	355.809
150	873.971	872.767	871.563	870.349	869.145	867.138	864.338	861.538	858.737	855.937
155	1099.173	1098.370	1097.558	1096.755	1095.943	1095.633	1095.816	1096.007	1096.190	1096.372
160	1230.802	1230.209	1229.616	1229.023	1228.430	1230.181	1234.295	1238.400	1242.514	1246.619
165	1883.548	1886.102	1888.647	1891.201	1893.746	1905.504	1926.475	1947.438	1968.409	1989.371
170	5718.182	5729.621	5741.060	5752.499	5763.937	5798.984	5857.647	5916.310	5974.964	6033.627
175	19080.957	19088.383	19095.808	19103.224	19110.649	19122.298	19138.179	19154.051	19169.933	19185.805
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402
5	19233.804	19281.831	19329.849	19377.876	19403.408	19406.446	19409.483	19412.521	19415.558	19412.521
10	6079.902	6126.178	6172.453	6218.729	6253.401	6276.452	6299.503	6322.554	6345.606	6322.554
15	1998.073	2006.776	2015.478	2024.180	2036.613	2052.768	2068.923	2085.087	2101.242	2085.087
20	1250.605	1254.601	1258.587	1262.573	1265.985	1268.813	1271.631	1274.459	1277.287	1274.459
25	1097.239	1098.105	1098.972	1099.838	1101.389	1103.615	1105.841	1108.066	1110.292	1108.066
30	856.721	857.497	858.281	859.056	860.352	862.167	863.982	865.797	867.613	865.797
35	358.646	361.474	364.311	367.148	368.680	368.927	369.173	369.410	369.656	369.410
40	72.775	74.152	75.529	76.907	77.555	77.472	77.399	77.317	77.244	77.317
45	36.743	36.734	36.716	36.707	36.716	36.752	36.798	36.834	36.871	36.834
50	33.204	33.158	33.113	33.067	33.040	33.012	32.985	32.967	32.939	32.967
55	31.306	31.206	31.115	31.015	30.960	30.932	30.914	30.887	30.869	30.887

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CANDELA TABULATION - (Cont.)

60	25.487	25.441	25.395	25.350	25.368	25.450	25.532	25.614	25.696	25.614
65	18.289	18.271	18.253	18.235	18.244	18.271	18.299	18.335	18.362	18.335
70	12.743	12.734	12.725	12.716	12.716	12.725	12.734	12.743	12.752	12.743
75	8.657	8.648	8.629	8.620	8.611	8.620	8.629	8.629	8.638	8.629
80	4.771	4.780	4.771	4.780	4.780	4.789	4.798	4.798	4.807	4.798
85	0.976	0.976	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967
90	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
95	0.976	0.976	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967
100	4.771	4.780	4.771	4.780	4.780	4.789	4.798	4.798	4.807	4.798
105	8.657	8.648	8.629	8.620	8.611	8.620	8.629	8.629	8.638	8.629
110	12.743	12.734	12.725	12.716	12.716	12.725	12.734	12.743	12.752	12.743
115	18.289	18.271	18.253	18.235	18.244	18.271	18.299	18.335	18.362	18.335
120	25.487	25.441	25.395	25.350	25.368	25.450	25.532	25.614	25.696	25.614
125	31.306	31.206	31.115	31.015	30.960	30.932	30.914	30.887	30.869	30.887
130	33.204	33.158	33.113	33.067	33.040	33.012	32.985	32.967	32.939	32.967
135	36.743	36.734	36.716	36.707	36.716	36.752	36.798	36.834	36.871	36.834
140	72.775	74.152	75.529	76.907	77.555	77.472	77.399	77.317	77.244	77.317
145	358.646	361.474	364.311	367.148	368.680	368.927	369.173	369.410	369.656	369.410
150	856.721	857.497	858.281	859.056	860.352	862.167	863.982	865.797	867.613	865.797
155	1097.239	1098.105	1098.972	1099.838	1101.389	1103.615	1105.841	1108.066	1110.292	1108.066
160	1250.605	1254.601	1258.587	1262.573	1265.985	1268.813	1271.631	1274.459	1277.287	1274.459
165	1998.073	2006.776	2015.478	2024.180	2036.613	2052.768	2068.923	2085.087	2101.242	2085.087
170	6079.902	6126.178	6172.453	6218.729	6253.401	6276.452	6299.503	6322.554	6345.606	6322.554
175	19233.823	19281.849	19329.867	19377.894	19403.417	19406.464	19409.501	19412.539	19415.577	19412.539
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

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	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402
5	19409.483	19406.446	19403.408	19377.876	19329.849	19281.831	19233.804	19185.787	19169.914	19154.033
10	6299.503	6276.452	6253.401	6218.729	6172.453	6126.178	6079.902	6033.627	5974.964	5916.310
15	2068.923	2052.768	2036.613	2024.180	2015.478	2006.776	1998.073	1989.371	1968.409	1947.438
20	1271.631	1268.813	1265.985	1262.573	1258.587	1254.601	1250.605	1246.619	1242.514	1238.400
25	1105.841	1103.615	1101.389	1099.838	1098.972	1098.105	1097.239	1096.372	1096.190	1096.007
30	863.982	862.167	860.352	859.056	858.281	857.497	856.721	855.937	858.737	861.538
35	369.173	368.927	368.680	367.148	364.311	361.474	358.646	355.809	355.928	356.047
40	77.399	77.472	77.555	76.907	75.529	74.152	72.775	71.397	70.385	69.372
45	36.798	36.752	36.716	36.707	36.716	36.734	36.743	36.761	36.743	36.734
50	32.985	33.012	33.040	33.067	33.113	33.158	33.204	33.249	33.341	33.432
55	30.914	30.932	30.960	31.015	31.115	31.206	31.306	31.398	31.580	31.753
60	25.532	25.450	25.368	25.350	25.395	25.441	25.487	25.532	25.696	25.861
65	18.299	18.271	18.244	18.235	18.253	18.271	18.289	18.308	18.317	18.326
70	12.734	12.725	12.716	12.716	12.725	12.734	12.743	12.752	12.752	12.743
75	8.629	8.620	8.611	8.620	8.629	8.648	8.657	8.675	8.675	8.675
80	4.798	4.789	4.780	4.780	4.771	4.780	4.771	4.771	4.771	4.771
85	0.967	0.967	0.967	0.967	0.967	0.976	0.976	0.976	0.976	0.976
90	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
95	0.967	0.967	0.967	0.967	0.967	0.976	0.976	0.976	0.976	0.976
100	4.798	4.789	4.780	4.780	4.771	4.780	4.771	4.771	4.771	4.771
105	8.629	8.620	8.611	8.620	8.629	8.648	8.657	8.675	8.675	8.675
110	12.734	12.725	12.716	12.716	12.725	12.734	12.743	12.752	12.752	12.743
115	18.299	18.271	18.244	18.235	18.253	18.271	18.289	18.308	18.317	18.326
120	25.532	25.450	25.368	25.350	25.395	25.441	25.487	25.532	25.696	25.861
125	30.914	30.932	30.960	31.015	31.115	31.206	31.306	31.398	31.580	31.753
130	32.985	33.012	33.040	33.067	33.113	33.158	33.204	33.249	33.341	33.432

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CANDELA TABULATION - (Cont.)

135	36.798	36.752	36.716	36.707	36.716	36.734	36.743	36.761	36.743	36.734
140	77.399	77.472	77.555	76.907	75.529	74.152	72.775	71.397	70.385	69.372
145	369.173	368.927	368.680	367.148	364.311	361.474	358.646	355.809	355.928	356.047
150	863.982	862.167	860.352	859.056	858.281	857.497	856.721	855.937	858.737	861.538
155	1105.841	1103.615	1101.389	1099.838	1098.972	1098.105	1097.239	1096.372	1096.190	1096.007
160	1271.631	1268.813	1265.985	1262.573	1258.587	1254.601	1250.605	1246.619	1242.514	1238.400
165	2068.923	2052.768	2036.613	2024.180	2015.478	2006.776	1998.073	1989.371	1968.409	1947.438
170	6299.503	6276.452	6253.401	6218.729	6172.453	6126.178	6079.902	6033.627	5974.964	5916.310
175	19409.501	19406.455	19403.417	19377.894	19329.867	19281.849	19233.823	19185.805	19169.924	19154.051
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

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	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402
5	19138.161	19122.280	19110.631	19103.206	19095.790	19088.364	19080.939	19088.364	19095.790	19103.206
10	5857.647	5798.984	5763.937	5752.499	5741.060	5729.621	5718.182	5729.621	5741.060	5752.499
15	1926.475	1905.504	1893.746	1891.201	1888.647	1886.102	1883.548	1886.102	1888.647	1891.201
20	1234.295	1230.181	1228.430	1229.023	1229.616	1230.209	1230.802	1230.209	1229.616	1229.023
25	1095.816	1095.633	1095.943	1096.755	1097.558	1098.370	1099.173	1098.370	1097.558	1096.755
30	864.338	867.138	869.145	870.349	871.563	872.767	873.971	872.767	871.563	870.349
35	356.165	356.284	355.937	355.134	354.341	353.538	352.735	353.538	354.341	355.134
40	68.360	67.347	66.508	65.824	65.140	64.455	63.771	64.455	65.140	65.824
45	36.716	36.707	36.688	36.670	36.643	36.624	36.606	36.624	36.643	36.670
50	33.523	33.614	33.687	33.742	33.788	33.842	33.897	33.842	33.788	33.742
55	31.936	32.109	32.264	32.383	32.501	32.620	32.739	32.620	32.501	32.383
60	26.034	26.198	26.308	26.362	26.426	26.481	26.536	26.481	26.426	26.362
65	18.335	18.344	18.372	18.417	18.463	18.508	18.554	18.508	18.463	18.417
70	12.743	12.734	12.734	12.743	12.743	12.752	12.752	12.752	12.743	12.743
75	8.684	8.684	8.693	8.702	8.711	8.730	8.739	8.730	8.711	8.702
80	4.762	4.762	4.762	4.762	4.771	4.771	4.771	4.771	4.771	4.762
85	0.985	0.985	0.985	0.985	1.003	1.003	1.003	1.003	1.003	0.985
90	0.383	0.383	0.383	0.383	0.365	0.365	0.365	0.365	0.365	0.383
95	0.985	0.985	0.985	0.985	1.003	1.003	1.003	1.003	1.003	0.985
100	4.762	4.762	4.762	4.762	4.771	4.771	4.771	4.771	4.771	4.762
105	8.684	8.684	8.693	8.702	8.711	8.730	8.739	8.730	8.711	8.702
110	12.743	12.734	12.734	12.743	12.743	12.752	12.752	12.752	12.743	12.743
115	18.335	18.344	18.372	18.417	18.463	18.508	18.554	18.508	18.463	18.417
120	26.034	26.198	26.308	26.362	26.426	26.481	26.536	26.481	26.426	26.362
125	31.936	32.109	32.264	32.383	32.501	32.620	32.739	32.620	32.501	32.383
130	33.523	33.614	33.687	33.742	33.788	33.842	33.897	33.842	33.788	33.742
135	36.716	36.707	36.688	36.670	36.643	36.624	36.606	36.624	36.643	36.670
140	68.360	67.347	66.508	65.824	65.140	64.455	63.771	64.455	65.140	65.824
145	356.165	356.284	355.937	355.134	354.341	353.538	352.735	353.538	354.341	355.134
150	864.338	867.138	869.145	870.349	871.563	872.767	873.971	872.767	871.563	870.349
155	1095.816	1095.633	1095.943	1096.755	1097.558	1098.370	1099.173	1098.370	1097.558	1096.755
160	1234.295	1230.181	1228.430	1229.023	1229.616	1230.209	1230.802	1230.209	1229.616	1229.023
165	1926.475	1905.504	1893.746	1891.201	1888.647	1886.102	1883.548	1886.102	1888.647	1891.201
170	5857.647	5798.984	5763.937	5752.499	5741.060	5729.621	5718.182	5729.621	5741.060	5752.499
175	19138.179	19122.298	19110.649	19103.224	19095.799	19088.383	19080.957	19088.383	19095.799	19103.224
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

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	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	19110.631	19122.280	19138.161	19154.033	19169.914	19185.787	19233.804	19281.831	19329.849	19377.876
10	5763.937	5798.984	5857.647	5916.310	5974.964	6033.627	6079.902	6126.178	6172.453	6218.729
15	1893.746	1905.504	1926.475	1947.438	1968.409	1989.371	1998.073	2006.776	2015.478	2024.180
20	1228.430	1230.181	1234.295	1238.400	1242.514	1246.619	1250.605	1254.601	1258.587	1262.573
25	1095.943	1095.633	1095.816	1096.007	1096.190	1096.372	1097.239	1098.105	1098.972	1099.838
30	869.145	867.138	864.338	861.538	858.737	855.937	856.721	857.497	858.281	859.056
35	355.937	356.284	356.165	356.047	355.928	355.809	358.646	361.474	364.311	367.148
40	66.508	67.347	68.360	69.372	70.385	71.397	72.775	74.152	75.529	76.907
45	36.688	36.707	36.716	36.734	36.743	36.761	36.743	36.734	36.716	36.707
50	33.687	33.614	33.523	33.432	33.341	33.249	33.204	33.158	33.113	33.067
55	32.264	32.109	31.936	31.753	31.580	31.398	31.306	31.206	31.115	31.015
60	26.308	26.198	26.034	25.861	25.696	25.532	25.487	25.441	25.395	25.350
65	18.372	18.344	18.335	18.326	18.317	18.308	18.289	18.271	18.253	18.235
70	12.734	12.734	12.743	12.743	12.752	12.752	12.743	12.734	12.725	12.716
75	8.693	8.684	8.684	8.675	8.675	8.675	8.657	8.648	8.629	8.620
80	4.762	4.762	4.762	4.771	4.771	4.771	4.771	4.780	4.771	4.780
85	0.985	0.985	0.985	0.976	0.976	0.976	0.976	0.976	0.967	0.967
90	0.383	0.383	0.383	0.401	0.401	0.401	0.401	0.401	0.401	0.401
95	0.985	0.985	0.985	0.976	0.976	0.976	0.976	0.976	0.967	0.967
100	4.762	4.762	4.762	4.771	4.771	4.771	4.771	4.780	4.771	4.780
105	8.693	8.684	8.684	8.675	8.675	8.675	8.657	8.648	8.629	8.620
110	12.734	12.734	12.743	12.743	12.752	12.752	12.743	12.734	12.725	12.716
115	18.372	18.344	18.335	18.326	18.317	18.308	18.289	18.271	18.253	18.235
120	26.308	26.198	26.034	25.861	25.696	25.532	25.487	25.441	25.395	25.350
125	32.264	32.109	31.936	31.753	31.580	31.398	31.306	31.206	31.115	31.015
130	33.687	33.614	33.523	33.432	33.341	33.249	33.204	33.158	33.113	33.067
135	36.688	36.707	36.716	36.734	36.743	36.761	36.743	36.734	36.716	36.707
140	66.508	67.347	68.360	69.372	70.385	71.397	72.775	74.152	75.529	76.907
145	355.937	356.284	356.165	356.047	355.928	355.809	358.646	361.474	364.311	367.148
150	869.145	867.138	864.338	861.538	858.737	855.937	856.721	857.497	858.281	859.056
155	1095.943	1095.633	1095.816	1096.007	1096.190	1096.372	1097.239	1098.105	1098.972	1099.838
160	1228.430	1230.181	1234.295	1238.400	1242.514	1246.619	1250.605	1254.601	1258.587	1262.573
165	1893.746	1905.504	1926.475	1947.438	1968.409	1989.371	1998.073	2006.776	2015.478	2024.180
170	5763.937	5798.984	5857.647	5916.310	5974.964	6033.627	6079.902	6126.178	6172.453	6218.729
175	19110.649	19122.298	19138.179	19154.051	19169.924	19185.805	19233.823	19281.849	19329.867	19377.894
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

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	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402	28187.402
5	19403.408	19406.446	19409.483	19412.521	19415.558	19412.521	19409.483	19406.446	19403.408	19377.876
10	6253.401	6276.452	6299.503	6322.554	6345.606	6322.554	6299.503	6276.452	6253.401	6218.729
15	2036.613	2052.768	2068.923	2085.087	2101.242	2085.087	2068.923	2052.768	2036.613	2024.180
20	1265.985	1268.813	1271.631	1274.459	1277.287	1274.459	1271.631	1268.813	1265.985	1262.573
25	1101.389	1103.615	1105.841	1108.066	1110.292	1108.066	1105.841	1103.615	1101.389	1099.838
30	860.352	862.167	863.982	865.797	867.613	865.797	863.982	862.167	860.352	859.056
35	368.680	368.927	369.173	369.410	369.656	369.410	369.173	368.927	368.680	367.148
40	77.555	77.472	77.399	77.317	77.244	77.317	77.399	77.472	77.555	76.907
45	36.716	36.752	36.798	36.834	36.871	36.834	36.798	36.752	36.716	36.707
50	33.040	33.012	32.985	32.967	32.939	32.967	32.985	33.012	33.040	33.067
55	30.960	30.932	30.914	30.887	30.869	30.887	30.914	30.932	30.960	31.015
60	25.368	25.450	25.532	25.614	25.696	25.614	25.532	25.450	25.368	25.350
65	18.244	18.271	18.299	18.335	18.362	18.335	18.299	18.271	18.244	18.235
70	12.716	12.725	12.734	12.743	12.752	12.743	12.734	12.725	12.716	12.716
75	8.611	8.620	8.629	8.629	8.638	8.629	8.629	8.620	8.611	8.620

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	4.780	4.789	4.798	4.798	4.807	4.798	4.798	4.789	4.780	4.780
85	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967
90	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
95	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967	0.967
100	4.780	4.789	4.798	4.798	4.807	4.798	4.798	4.789	4.780	4.780
105	8.611	8.620	8.629	8.629	8.638	8.629	8.629	8.620	8.611	8.620
110	12.716	12.725	12.734	12.743	12.752	12.743	12.734	12.725	12.716	12.716
115	18.244	18.271	18.299	18.335	18.362	18.335	18.299	18.271	18.244	18.235
120	25.368	25.450	25.532	25.614	25.696	25.614	25.532	25.450	25.368	25.350
125	30.960	30.932	30.914	30.887	30.869	30.887	30.914	30.932	30.960	31.015
130	33.040	33.012	32.985	32.967	32.939	32.967	32.985	33.012	33.040	33.067
135	36.716	36.752	36.798	36.834	36.871	36.834	36.798	36.752	36.716	36.707
140	77.555	77.472	77.399	77.317	77.244	77.317	77.399	77.472	77.555	76.907
145	368.680	368.927	369.173	369.410	369.656	369.410	369.173	368.927	368.680	367.148
150	860.352	862.167	863.982	865.797	867.613	865.797	863.982	862.167	860.352	859.056
155	1101.389	1103.615	1105.841	1108.066	1110.292	1108.066	1105.841	1103.615	1101.389	1099.838
160	1265.985	1268.813	1271.631	1274.459	1277.287	1274.459	1271.631	1268.813	1265.985	1262.573
165	2036.613	2052.768	2068.923	2085.087	2101.242	2085.087	2068.923	2052.768	2036.613	2024.180
170	6253.401	6276.452	6299.503	6322.554	6345.606	6322.554	6299.503	6276.452	6253.401	6218.729
175	19403.417	19406.455	19409.501	19412.539	19415.577	19412.539	19409.501	19406.455	19403.417	19377.894
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

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	28187.40	28187.40	28187.40	28187.40	28187.40	28187.40	28187.40	28187.40	28187.40	28187.40
5	19329.849	19281.831	19233.804	19185.787	19169.914	19154.033	19138.161	19122.280	19110.631	19103.206
10	6172.453	6126.178	6079.902	6033.627	5974.964	5916.310	5857.647	5798.984	5763.937	5752.499
15	2015.478	2006.776	1998.073	1989.371	1968.409	1947.438	1926.475	1905.504	1893.746	1891.201
20	1258.587	1254.601	1250.605	1246.619	1242.514	1238.400	1234.295	1230.181	1228.430	1229.023
25	1098.972	1098.105	1097.239	1096.372	1096.190	1096.007	1095.816	1095.633	1095.943	1096.755
30	858.281	857.497	856.721	855.937	858.737	861.538	864.338	867.138	869.145	870.349
35	364.311	361.474	358.646	355.809	355.928	356.047	356.165	356.284	355.937	355.134
40	75.529	74.152	72.775	71.397	70.385	69.372	68.360	67.347	66.508	65.824
45	36.716	36.734	36.743	36.761	36.743	36.734	36.716	36.707	36.688	36.670
50	33.113	33.158	33.204	33.249	33.341	33.432	33.523	33.614	33.687	33.742
55	31.115	31.206	31.306	31.398	31.580	31.753	31.936	32.109	32.264	32.383
60	25.395	25.441	25.487	25.532	25.696	25.861	26.034	26.198	26.308	26.362
65	18.253	18.271	18.289	18.308	18.317	18.326	18.335	18.344	18.372	18.417
70	12.725	12.734	12.743	12.752	12.752	12.743	12.743	12.734	12.734	12.743
75	8.629	8.648	8.657	8.675	8.675	8.675	8.684	8.684	8.693	8.702
80	4.771	4.780	4.771	4.771	4.771	4.771	4.762	4.762	4.762	4.762
85	0.967	0.976	0.976	0.976	0.976	0.976	0.985	0.985	0.985	0.985
90	0.401	0.401	0.401	0.401	0.401	0.401	0.383	0.383	0.383	0.383
95	0.967	0.976	0.976	0.976	0.976	0.976	0.985	0.985	0.985	0.985
100	4.771	4.780	4.771	4.771	4.771	4.771	4.762	4.762	4.762	4.762
105	8.629	8.648	8.657	8.675	8.675	8.675	8.684	8.684	8.693	8.702
110	12.725	12.734	12.743	12.752	12.752	12.743	12.743	12.734	12.734	12.743
115	18.253	18.271	18.289	18.308	18.317	18.326	18.335	18.344	18.372	18.417
120	25.395	25.441	25.487	25.532	25.696	25.861	26.034	26.198	26.308	26.362
125	31.115	31.206	31.306	31.398	31.580	31.753	31.936	32.109	32.264	32.383
130	33.113	33.158	33.204	33.249	33.341	33.432	33.523	33.614	33.687	33.742
135	36.716	36.734	36.743	36.761	36.743	36.734	36.716	36.707	36.688	36.670
140	75.529	74.152	72.775	71.397	70.385	69.372	68.360	67.347	66.508	65.824
145	364.311	361.474	358.646	355.809	355.928	356.047	356.165	356.284	355.937	355.134
150	858.281	857.497	856.721	855.937	858.737	861.538	864.338	867.138	869.145	870.349

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	1098.972	1098.105	1097.239	1096.372	1096.190	1096.007	1095.816	1095.633	1095.943	1096.755
160	1258.587	1254.601	1250.605	1246.619	1242.514	1238.400	1234.295	1230.181	1228.430	1229.023
165	2015.478	2006.776	1998.073	1989.371	1968.409	1947.438	1926.475	1905.504	1893.746	1891.201
170	6172.453	6126.178	6079.902	6033.627	5974.964	5916.310	5857.647	5798.984	5763.937	5752.499
175	19329.867	19281.849	19233.823	19185.805	19169.933	19154.051	19138.179	19122.298	19110.649	19103.224
180	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718	28186.718

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	28187.402	28187.402	28187.402
5	19095.790	19088.364	19080.939
10	5741.060	5729.621	5718.182
15	1888.647	1886.102	1883.548
20	1229.616	1230.209	1230.802
25	1097.558	1098.370	1099.173
30	871.563	872.767	873.971
35	354.341	353.538	352.735
40	65.140	64.455	63.771
45	36.643	36.624	36.606
50	33.788	33.842	33.897
55	32.501	32.620	32.739
60	26.426	26.481	26.536
65	18.463	18.508	18.554
70	12.743	12.752	12.752
75	8.711	8.730	8.739
80	4.771	4.771	4.771
85	1.003	1.003	1.003
90	0.365	0.365	0.365
95	1.003	1.003	1.003
100	4.771	4.771	4.771
105	8.711	8.730	8.739
110	12.743	12.752	12.752
115	18.463	18.508	18.554
120	26.426	26.481	26.536
125	32.501	32.620	32.739
130	33.788	33.842	33.897
135	36.643	36.624	36.606
140	65.140	64.455	63.771
145	354.341	353.538	352.735
150	871.563	872.767	873.971
155	1097.558	1098.370	1099.173
160	1229.616	1230.209	1230.802
165	1888.647	1886.102	1883.548
170	5741.060	5729.621	5718.182
175	19095.808	19088.383	19080.957
180	28186.718	28186.718	28186.718

COEFFICIENTS OF UTILIZATION



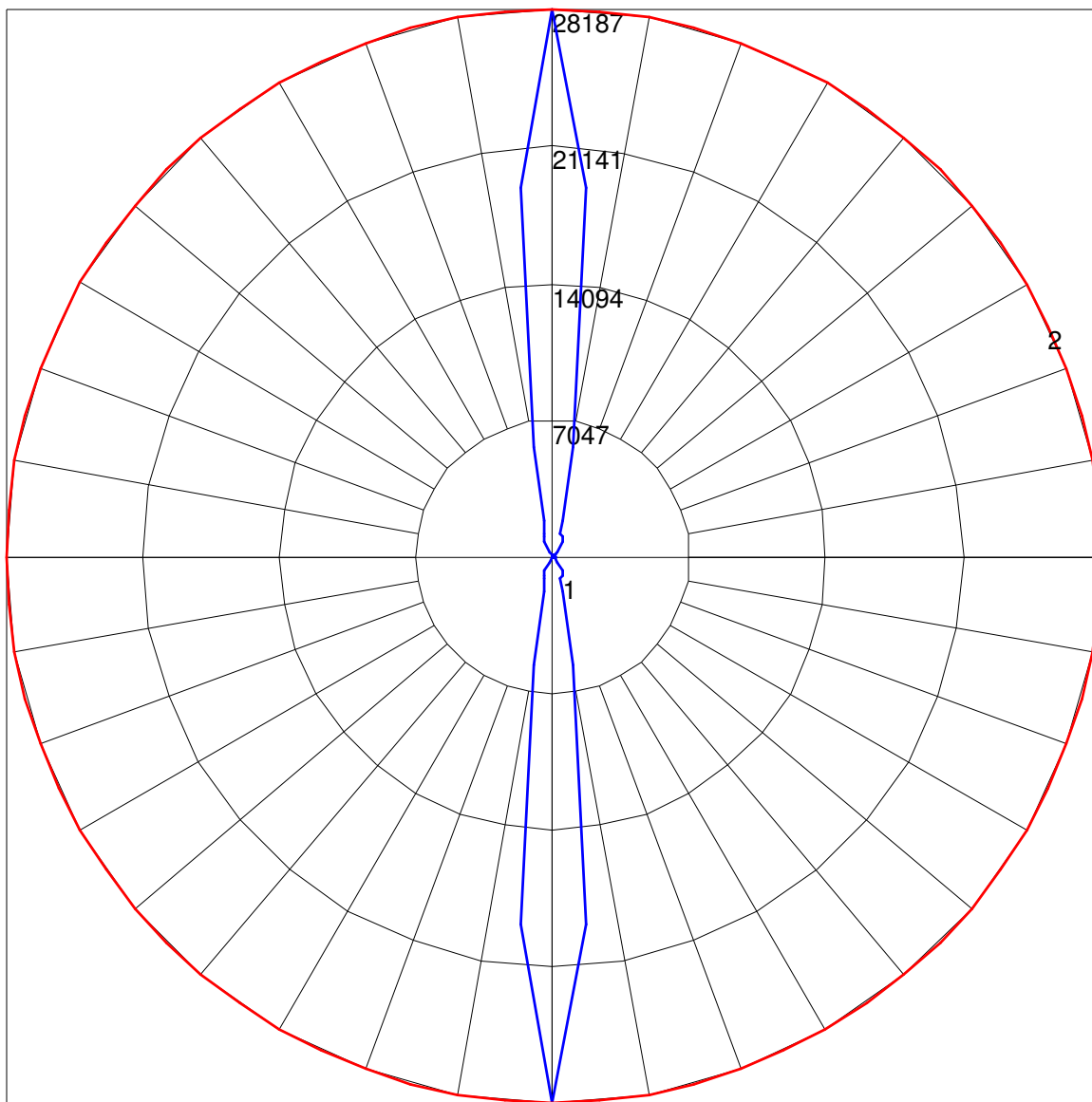
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1524.4	25.0
Downward House Side	1524.4	25.0
Downward Total	3048.8	50.0
Upward Street Side	1524.4	25.0
Upward House Side	1524.4	25.0
Upward Total	3048.8	50.0
Total Flux	6097.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 28187.402 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

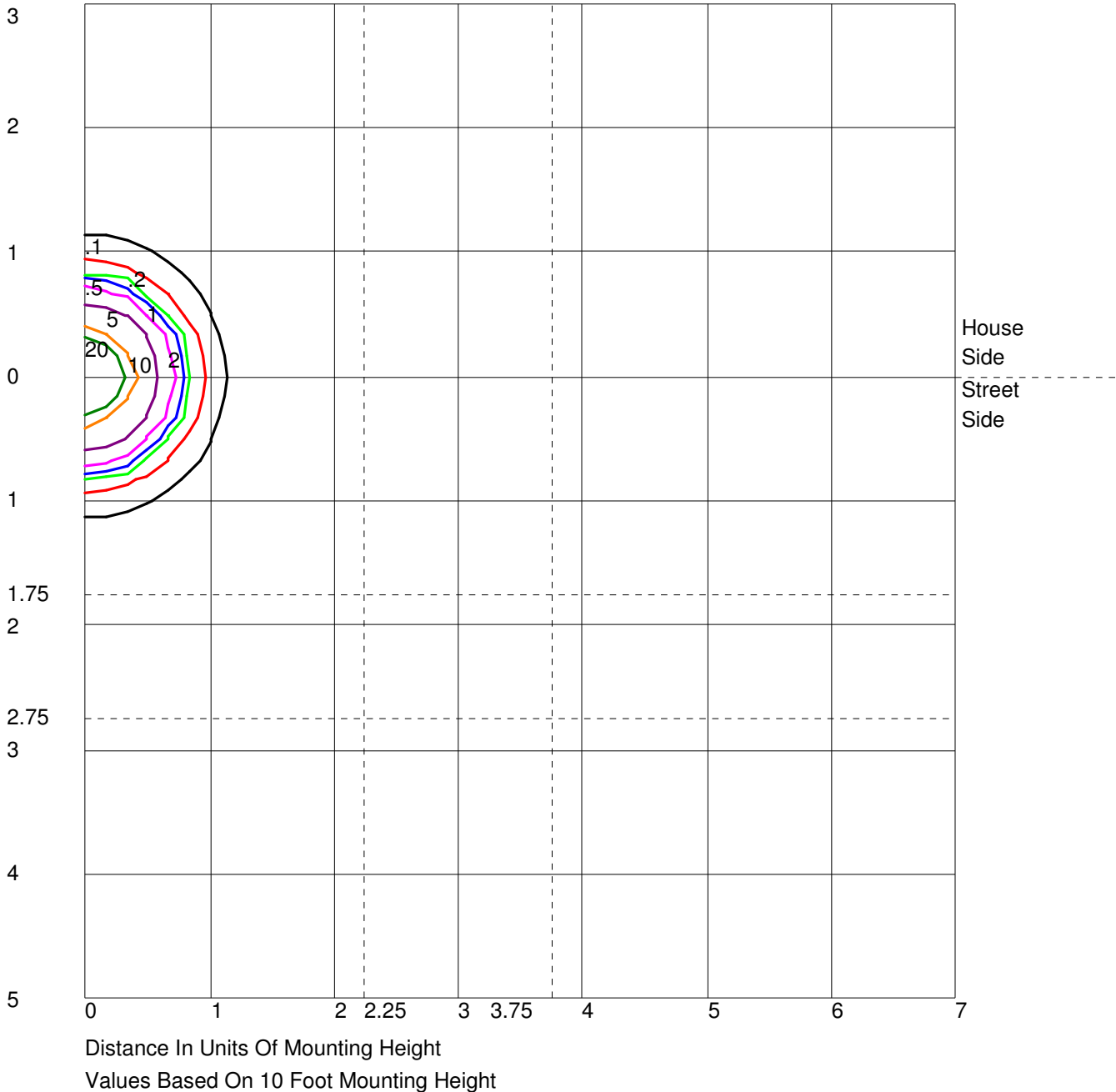


PHOTO LUMENS

