

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-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-L30-827U-L30-827D-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	5976
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27623.655
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	27623.655
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.393 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.711 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1325.5	N.A.	22.2
FM - Front-Medium (30-60)	153.8	N.A.	2.6
FH - Front-High (60-80)	13.6	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1325.5	N.A.	22.2
BM - Back-Medium (30-60)	153.8	N.A.	2.6
BH - Back-High (60-80)	13.6	N.A.	0.2
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.9	N.A.	0.0
UH - Uplight-High (100-180)	2986.0	N.A.	50.0
Total	5975.5	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	18699.321	18706.598	18713.875	18721.143	18728.419	18739.835	18755.399	18770.953	18786.517	18802.072
10	5603.819	5615.029	5626.239	5637.449	5648.659	5683.004	5740.494	5797.984	5855.465	5912.955
15	1845.877	1848.380	1850.874	1853.377	1855.871	1867.394	1887.946	1908.489	1929.041	1949.584
20	1206.186	1205.605	1205.024	1204.443	1203.862	1205.578	1209.610	1213.632	1217.664	1221.687
25	1077.189	1076.402	1075.607	1074.820	1074.025	1073.721	1073.899	1074.087	1074.266	1074.445
30	856.491	855.311	854.131	852.942	851.762	849.796	847.051	844.307	841.562	838.818
35	345.681	346.467	347.254	348.032	348.818	349.158	349.042	348.926	348.809	348.693
40	62.496	63.166	63.837	64.507	65.178	66.000	66.992	67.985	68.977	69.969
45	35.874	35.892	35.910	35.937	35.955	35.972	35.981	35.999	36.008	36.026
50	33.219	33.165	33.112	33.067	33.013	32.942	32.853	32.763	32.674	32.584
55	32.084	31.968	31.851	31.735	31.619	31.467	31.297	31.118	30.948	30.770
60	26.005	25.951	25.898	25.835	25.781	25.674	25.513	25.343	25.183	25.022
65	18.183	18.138	18.094	18.049	18.004	17.977	17.968	17.959	17.950	17.942
70	12.497	12.497	12.488	12.488	12.480	12.480	12.488	12.488	12.497	12.497
75	8.564	8.555	8.537	8.528	8.519	8.510	8.510	8.501	8.501	8.501
80	4.675	4.675	4.675	4.666	4.666	4.666	4.666	4.675	4.675	4.675
85	0.983	0.983	0.983	0.965	0.965	0.965	0.965	0.957	0.957	0.957
90	0.358	0.358	0.358	0.375	0.375	0.375	0.375	0.393	0.393	0.393
95	0.983	0.983	0.983	0.965	0.965	0.965	0.965	0.957	0.957	0.957
100	4.675	4.675	4.675	4.666	4.666	4.666	4.666	4.675	4.675	4.675
105	8.564	8.555	8.537	8.528	8.519	8.510	8.510	8.501	8.501	8.501
110	12.497	12.497	12.488	12.488	12.480	12.480	12.488	12.488	12.497	12.497
115	18.183	18.138	18.094	18.049	18.004	17.977	17.968	17.959	17.950	17.942
120	26.005	25.951	25.898	25.835	25.781	25.674	25.513	25.343	25.183	25.022
125	32.084	31.968	31.851	31.735	31.619	31.467	31.297	31.118	30.948	30.770
130	33.219	33.165	33.112	33.067	33.013	32.942	32.853	32.763	32.674	32.584
135	35.874	35.892	35.910	35.937	35.955	35.972	35.981	35.999	36.008	36.026
140	62.496	63.166	63.837	64.507	65.178	66.000	66.992	67.985	68.977	69.969
145	345.681	346.467	347.254	348.032	348.818	349.158	349.042	348.926	348.809	348.693
150	856.491	855.311	854.131	852.942	851.762	849.796	847.051	844.307	841.562	838.818
155	1077.189	1076.402	1075.607	1074.820	1074.025	1073.721	1073.899	1074.087	1074.266	1074.445
160	1206.186	1205.605	1205.024	1204.443	1203.862	1205.578	1209.610	1213.632	1217.664	1221.687
165	1845.877	1848.380	1850.874	1853.377	1855.871	1867.394	1887.946	1908.489	1929.041	1949.584
170	5603.819	5615.029	5626.239	5637.449	5648.659	5683.004	5740.494	5797.984	5855.465	5912.955
175	18699.339	18706.616	18713.893	18721.160	18728.437	18739.853	18755.417	18770.971	18786.535	18802.090
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	18849.129	18896.195	18943.253	18990.319	19015.341	19018.318	19021.294	19024.271	19027.248	19024.271
10	5958.305	6003.655	6049.005	6094.354	6128.333	6150.924	6173.514	6196.104	6218.694	6196.104
15	1958.112	1966.640	1975.169	1983.697	1995.881	2011.713	2027.545	2043.386	2059.218	2043.386
20	1225.593	1229.509	1233.415	1237.322	1240.665	1243.437	1246.199	1248.970	1251.741	1248.970
25	1075.294	1076.143	1076.992	1077.842	1079.361	1081.543	1083.724	1085.905	1088.086	1085.905
30	839.587	840.347	841.115	841.875	843.145	844.924	846.703	848.482	850.260	848.482
35	351.473	354.245	357.025	359.805	361.307	361.548	361.790	362.022	362.263	362.022
40	71.319	72.669	74.019	75.369	76.003	75.923	75.851	75.771	75.699	75.771
45	36.008	35.999	35.981	35.972	35.981	36.017	36.062	36.098	36.133	36.098
50	32.540	32.495	32.450	32.406	32.379	32.352	32.325	32.307	32.280	32.307
55	30.680	30.582	30.493	30.394	30.341	30.314	30.296	30.269	30.251	30.269

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CANDELA TABULATION - (Cont.)

60	24.977	24.932	24.888	24.843	24.861	24.941	25.022	25.102	25.183	25.102
65	17.924	17.906	17.888	17.870	17.879	17.906	17.933	17.968	17.995	17.968
70	12.488	12.480	12.471	12.462	12.462	12.471	12.480	12.488	12.497	12.488
75	8.484	8.475	8.457	8.448	8.439	8.448	8.457	8.457	8.466	8.457
80	4.675	4.684	4.675	4.684	4.684	4.693	4.702	4.702	4.711	4.702
85	0.957	0.957	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948
90	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
95	0.957	0.957	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948
100	4.675	4.684	4.675	4.684	4.684	4.693	4.702	4.702	4.711	4.702
105	8.484	8.475	8.457	8.448	8.439	8.448	8.457	8.457	8.466	8.457
110	12.488	12.480	12.471	12.462	12.462	12.471	12.480	12.488	12.497	12.488
115	17.924	17.906	17.888	17.870	17.879	17.906	17.933	17.968	17.995	17.968
120	24.977	24.932	24.888	24.843	24.861	24.941	25.022	25.102	25.183	25.102
125	30.680	30.582	30.493	30.394	30.341	30.314	30.296	30.269	30.251	30.269
130	32.540	32.495	32.450	32.406	32.379	32.352	32.325	32.307	32.280	32.307
135	36.008	35.999	35.981	35.972	35.981	36.017	36.062	36.098	36.133	36.098
140	71.319	72.669	74.019	75.369	76.003	75.923	75.851	75.771	75.699	75.771
145	351.473	354.245	357.025	359.805	361.307	361.548	361.790	362.022	362.263	362.022
150	839.587	840.347	841.115	841.875	843.145	844.924	846.703	848.482	850.260	848.482
155	1075.294	1076.143	1076.992	1077.842	1079.361	1081.543	1083.724	1085.905	1088.086	1085.905
160	1225.593	1229.509	1233.415	1237.322	1240.665	1243.437	1246.199	1248.970	1251.741	1248.970
165	1958.112	1966.640	1975.169	1983.697	1995.881	2011.713	2027.545	2043.386	2059.218	2043.386
170	5958.305	6003.655	6049.005	6094.354	6128.333	6150.924	6173.514	6196.104	6218.694	6196.104
175	18849.147	18896.213	18943.271	18990.337	19015.350	19018.335	19021.312	19024.289	19027.266	19024.289
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	19021.294	19018.318	19015.341	18990.319	18943.253	18896.195	18849.129	18802.072	18786.517	18770.953
10	6173.514	6150.924	6128.333	6094.354	6049.005	6003.655	5958.305	5912.955	5855.465	5797.984
15	2027.545	2011.713	1995.881	1983.697	1975.169	1966.640	1958.112	1949.584	1929.041	1908.489
20	1246.199	1243.437	1240.665	1237.322	1233.415	1229.509	1225.593	1221.687	1217.664	1213.632
25	1083.724	1081.543	1079.361	1077.842	1076.992	1076.143	1075.294	1074.445	1074.266	1074.087
30	846.703	844.924	843.145	841.875	841.115	840.347	839.587	838.818	841.562	844.307
35	361.790	361.548	361.307	359.805	357.025	354.245	351.473	348.693	348.809	348.926
40	75.851	75.923	76.003	75.369	74.019	72.669	71.319	69.969	68.977	67.985
45	36.062	36.017	35.981	35.972	35.981	35.999	36.008	36.026	36.008	35.999
50	32.325	32.352	32.379	32.406	32.450	32.495	32.540	32.584	32.674	32.763
55	30.296	30.314	30.341	30.394	30.493	30.582	30.680	30.770	30.948	31.118
60	25.022	24.941	24.861	24.843	24.888	24.932	24.977	25.022	25.183	25.343
65	17.933	17.906	17.879	17.870	17.888	17.906	17.924	17.942	17.950	17.959
70	12.480	12.471	12.462	12.462	12.471	12.480	12.488	12.497	12.497	12.488
75	8.457	8.448	8.439	8.448	8.457	8.475	8.484	8.501	8.501	8.501
80	4.702	4.693	4.684	4.684	4.675	4.684	4.675	4.675	4.675	4.675
85	0.948	0.948	0.948	0.948	0.948	0.957	0.957	0.957	0.957	0.957
90	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
95	0.948	0.948	0.948	0.948	0.948	0.957	0.957	0.957	0.957	0.957
100	4.702	4.693	4.684	4.684	4.675	4.684	4.675	4.675	4.675	4.675
105	8.457	8.448	8.439	8.448	8.457	8.475	8.484	8.501	8.501	8.501
110	12.480	12.471	12.462	12.462	12.471	12.480	12.488	12.497	12.497	12.488
115	17.933	17.906	17.879	17.870	17.888	17.906	17.924	17.942	17.950	17.959
120	25.022	24.941	24.861	24.843	24.888	24.932	24.977	25.022	25.183	25.343
125	30.296	30.314	30.341	30.394	30.493	30.582	30.680	30.770	30.948	31.118
130	32.325	32.352	32.379	32.406	32.450	32.495	32.540	32.584	32.674	32.763

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CANDELA TABULATION - (Cont.)

135	36.062	36.017	35.981	35.972	35.981	35.999	36.008	36.026	36.008	35.999
140	75.851	75.923	76.003	75.369	74.019	72.669	71.319	69.969	68.977	67.985
145	361.790	361.548	361.307	359.805	357.025	354.245	351.473	348.693	348.809	348.926
150	846.703	844.924	843.145	841.875	841.115	840.347	839.587	838.818	841.562	844.307
155	1083.724	1081.543	1079.361	1077.842	1076.992	1076.143	1075.294	1074.445	1074.266	1074.087
160	1246.199	1243.437	1240.665	1237.322	1233.415	1229.509	1225.593	1221.687	1217.664	1213.632
165	2027.545	2011.713	1995.881	1983.697	1975.169	1966.640	1958.112	1949.584	1929.041	1908.489
170	6173.514	6150.924	6128.333	6094.354	6049.005	6003.655	5958.305	5912.955	5855.465	5797.984
175	19021.312	19018.327	19015.350	18990.337	18943.271	18896.213	18849.147	18802.090	18786.526	18770.971
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

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	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	18755.399	18739.835	18728.419	18721.143	18713.875	18706.598	18699.321	18706.598	18713.875	18721.143
10	5740.494	5683.004	5648.659	5637.449	5626.239	5615.029	5603.819	5615.029	5626.239	5637.449
15	1887.946	1867.394	1855.871	1853.377	1850.874	1848.380	1845.877	1848.380	1850.874	1853.377
20	1209.610	1205.578	1203.862	1204.443	1205.024	1205.605	1206.186	1205.605	1205.024	1204.443
25	1073.899	1073.721	1074.025	1074.820	1075.607	1076.402	1077.189	1076.402	1075.607	1074.820
30	847.051	849.796	851.762	852.942	854.131	855.311	856.491	855.311	854.131	852.942
35	349.042	349.158	348.818	348.032	347.254	346.467	345.681	346.467	347.254	348.032
40	66.992	66.000	65.178	64.507	63.837	63.166	62.496	63.166	63.837	64.507
45	35.981	35.972	35.955	35.937	35.910	35.892	35.874	35.892	35.910	35.937
50	32.853	32.942	33.013	33.067	33.112	33.165	33.219	33.165	33.112	33.067
55	31.297	31.467	31.619	31.735	31.851	31.968	32.084	31.968	31.851	31.735
60	25.513	25.674	25.781	25.835	25.898	25.951	26.005	25.951	25.898	25.835
65	17.968	17.977	18.004	18.049	18.094	18.138	18.183	18.138	18.094	18.049
70	12.488	12.480	12.480	12.488	12.488	12.497	12.497	12.497	12.488	12.488
75	8.510	8.510	8.519	8.528	8.537	8.555	8.564	8.555	8.537	8.528
80	4.666	4.666	4.666	4.666	4.675	4.675	4.675	4.675	4.675	4.666
85	0.965	0.965	0.965	0.965	0.983	0.983	0.983	0.983	0.983	0.965
90	0.375	0.375	0.375	0.375	0.358	0.358	0.358	0.358	0.358	0.375
95	0.965	0.965	0.965	0.965	0.983	0.983	0.983	0.983	0.983	0.965
100	4.666	4.666	4.666	4.666	4.675	4.675	4.675	4.675	4.675	4.666
105	8.510	8.510	8.519	8.528	8.537	8.555	8.564	8.555	8.537	8.528
110	12.488	12.480	12.480	12.488	12.488	12.497	12.497	12.497	12.488	12.488
115	17.968	17.977	18.004	18.049	18.094	18.138	18.183	18.138	18.094	18.049
120	25.513	25.674	25.781	25.835	25.898	25.951	26.005	25.951	25.898	25.835
125	31.297	31.467	31.619	31.735	31.851	31.968	32.084	31.968	31.851	31.735
130	32.853	32.942	33.013	33.067	33.112	33.165	33.219	33.165	33.112	33.067
135	35.981	35.972	35.955	35.937	35.910	35.892	35.874	35.892	35.910	35.937
140	66.992	66.000	65.178	64.507	63.837	63.166	62.496	63.166	63.837	64.507
145	349.042	349.158	348.818	348.032	347.254	346.467	345.681	346.467	347.254	348.032
150	847.051	849.796	851.762	852.942	854.131	855.311	856.491	855.311	854.131	852.942
155	1073.899	1073.721	1074.025	1074.820	1075.607	1076.402	1077.189	1076.402	1075.607	1074.820
160	1209.610	1205.578	1203.862	1204.443	1205.024	1205.605	1206.186	1205.605	1205.024	1204.443
165	1887.946	1867.394	1855.871	1853.377	1850.874	1848.380	1845.877	1848.380	1850.874	1853.377
170	5740.494	5683.004	5648.659	5637.449	5626.239	5615.029	5603.819	5615.029	5626.239	5637.449
175	18755.417	18739.853	18728.437	18721.160	18713.884	18706.616	18699.339	18706.616	18713.884	18721.160
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

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	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	18728.419	18739.835	18755.399	18770.953	18786.517	18802.072	18849.129	18896.195	18943.253	18990.319
10	5648.659	5683.004	5740.494	5797.984	5855.465	5912.955	5958.305	6003.655	6049.005	6094.354
15	1855.871	1867.394	1887.946	1908.489	1929.041	1949.584	1958.112	1966.640	1975.169	1983.697
20	1203.862	1205.578	1209.610	1213.632	1217.664	1221.687	1225.593	1229.509	1233.415	1237.322
25	1074.025	1073.721	1073.899	1074.087	1074.266	1074.445	1075.294	1076.143	1076.992	1077.842
30	851.762	849.796	847.051	844.307	841.562	838.818	839.587	840.347	841.115	841.875
35	348.818	349.158	349.042	348.926	348.809	348.693	351.473	354.245	357.025	359.805
40	65.178	66.000	66.992	67.985	68.977	69.969	71.319	72.669	74.019	75.369
45	35.955	35.972	35.981	35.999	36.008	36.026	36.008	35.999	35.981	35.972
50	33.013	32.942	32.853	32.763	32.674	32.584	32.540	32.495	32.450	32.406
55	31.619	31.467	31.297	31.118	30.948	30.770	30.680	30.582	30.493	30.394
60	25.781	25.674	25.513	25.343	25.183	25.022	24.977	24.932	24.888	24.843
65	18.004	17.977	17.968	17.959	17.950	17.942	17.924	17.906	17.888	17.870
70	12.480	12.480	12.488	12.488	12.497	12.497	12.488	12.480	12.471	12.462
75	8.519	8.510	8.510	8.501	8.501	8.501	8.484	8.475	8.457	8.448
80	4.666	4.666	4.666	4.675	4.675	4.675	4.675	4.684	4.675	4.684
85	0.965	0.965	0.965	0.957	0.957	0.957	0.957	0.957	0.948	0.948
90	0.375	0.375	0.375	0.393	0.393	0.393	0.393	0.393	0.393	0.393
95	0.965	0.965	0.965	0.957	0.957	0.957	0.957	0.957	0.948	0.948
100	4.666	4.666	4.666	4.675	4.675	4.675	4.675	4.684	4.675	4.684
105	8.519	8.510	8.510	8.501	8.501	8.501	8.484	8.475	8.457	8.448
110	12.480	12.480	12.488	12.488	12.497	12.497	12.488	12.480	12.471	12.462
115	18.004	17.977	17.968	17.959	17.950	17.942	17.924	17.906	17.888	17.870
120	25.781	25.674	25.513	25.343	25.183	25.022	24.977	24.932	24.888	24.843
125	31.619	31.467	31.297	31.118	30.948	30.770	30.680	30.582	30.493	30.394
130	33.013	32.942	32.853	32.763	32.674	32.584	32.540	32.495	32.450	32.406
135	35.955	35.972	35.981	35.999	36.008	36.026	36.008	35.999	35.981	35.972
140	65.178	66.000	66.992	67.985	68.977	69.969	71.319	72.669	74.019	75.369
145	348.818	349.158	349.042	348.926	348.809	348.693	351.473	354.245	357.025	359.805
150	851.762	849.796	847.051	844.307	841.562	838.818	839.587	840.347	841.115	841.875
155	1074.025	1073.721	1073.899	1074.087	1074.266	1074.445	1075.294	1076.143	1076.992	1077.842
160	1203.862	1205.578	1209.610	1213.632	1217.664	1221.687	1225.593	1229.509	1233.415	1237.322
165	1855.871	1867.394	1887.946	1908.489	1929.041	1949.584	1958.112	1966.640	1975.169	1983.697
170	5648.659	5683.004	5740.494	5797.984	5855.465	5912.955	5958.305	6003.655	6049.005	6094.354
175	18728.437	18739.853	18755.417	18770.971	18786.526	18802.090	18849.147	18896.213	18943.271	18990.337
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

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	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	19015.341	19018.318	19021.294	19024.271	19027.248	19024.271	19021.294	19018.318	19015.341	18990.319
10	6128.333	6150.924	6173.514	6196.104	6218.694	6196.104	6173.514	6150.924	6128.333	6094.354
15	1995.881	2011.713	2027.545	2043.386	2059.218	2043.386	2027.545	2011.713	1995.881	1983.697
20	1240.665	1243.437	1246.199	1248.970	1251.741	1248.970	1246.199	1243.437	1240.665	1237.322
25	1079.361	1081.543	1083.724	1085.905	1088.086	1085.905	1083.724	1081.543	1079.361	1077.842
30	843.145	844.924	846.703	848.482	850.260	848.482	846.703	844.924	843.145	841.875
35	361.307	361.548	361.790	362.022	362.263	362.022	361.790	361.548	361.307	359.805
40	76.003	75.923	75.851	75.771	75.699	75.771	75.851	75.923	76.003	75.369
45	35.981	36.017	36.062	36.098	36.133	36.098	36.062	36.017	35.981	35.972
50	32.379	32.352	32.325	32.307	32.280	32.307	32.325	32.352	32.379	32.406
55	30.341	30.314	30.296	30.269	30.251	30.269	30.296	30.314	30.341	30.394
60	24.861	24.941	25.022	25.102	25.183	25.102	25.022	24.941	24.861	24.843
65	17.879	17.906	17.933	17.968	17.995	17.968	17.933	17.906	17.879	17.870
70	12.462	12.471	12.480	12.488	12.497	12.488	12.480	12.471	12.462	12.462
75	8.439	8.448	8.457	8.457	8.466	8.457	8.457	8.448	8.439	8.448

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	4.684	4.693	4.702	4.702	4.711	4.702	4.702	4.693	4.684	4.684
85	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948
90	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
95	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948
100	4.684	4.693	4.702	4.702	4.711	4.702	4.702	4.693	4.684	4.684
105	8.439	8.448	8.457	8.457	8.466	8.457	8.457	8.448	8.439	8.448
110	12.462	12.471	12.480	12.488	12.497	12.488	12.480	12.471	12.462	12.462
115	17.879	17.906	17.933	17.968	17.995	17.968	17.933	17.906	17.879	17.870
120	24.861	24.941	25.022	25.102	25.183	25.102	25.022	24.941	24.861	24.843
125	30.341	30.314	30.296	30.269	30.251	30.269	30.296	30.314	30.341	30.394
130	32.379	32.352	32.325	32.307	32.280	32.307	32.325	32.352	32.379	32.406
135	35.981	36.017	36.062	36.098	36.133	36.098	36.062	36.017	35.981	35.972
140	76.003	75.923	75.851	75.771	75.699	75.771	75.851	75.923	76.003	75.369
145	361.307	361.548	361.790	362.022	362.263	362.022	361.790	361.548	361.307	359.805
150	843.145	844.924	846.703	848.482	850.260	848.482	846.703	844.924	843.145	841.875
155	1079.361	1081.543	1083.724	1085.905	1088.086	1085.905	1083.724	1081.543	1079.361	1077.842
160	1240.665	1243.437	1246.199	1248.970	1251.741	1248.970	1246.199	1243.437	1240.665	1237.322
165	1995.881	2011.713	2027.545	2043.386	2059.218	2043.386	2027.545	2011.713	1995.881	1983.697
170	6128.333	6150.924	6173.514	6196.104	6218.694	6196.104	6173.514	6150.924	6128.333	6094.354
175	19015.350	19018.327	19021.312	19024.289	19027.266	19024.289	19021.312	19018.335	19015.350	18990.337
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

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	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655	27623.655
5	18943.253	18896.195	18849.129	18802.072	18786.517	18770.953	18755.399	18739.835	18728.419	18721.143
10	6049.005	6003.655	5958.305	5912.955	5855.465	5797.984	5740.494	5683.004	5648.659	5637.449
15	1975.169	1966.640	1958.112	1949.584	1929.041	1908.489	1887.946	1867.394	1855.871	1853.377
20	1233.415	1229.509	1225.593	1221.687	1217.664	1213.632	1209.610	1205.578	1203.862	1204.443
25	1076.992	1076.143	1075.294	1074.445	1074.266	1074.087	1073.899	1073.721	1074.025	1074.820
30	841.115	840.347	839.587	838.818	841.562	844.307	847.051	849.796	851.762	852.942
35	357.025	354.245	351.473	348.693	348.809	348.926	349.042	349.158	348.818	348.032
40	74.019	72.669	71.319	69.969	68.977	67.985	66.992	66.000	65.178	64.507
45	35.981	35.999	36.008	36.026	36.008	35.999	35.981	35.972	35.955	35.937
50	32.450	32.495	32.540	32.584	32.674	32.763	32.853	32.942	33.013	33.067
55	30.493	30.582	30.680	30.770	30.948	31.118	31.297	31.467	31.619	31.735
60	24.888	24.932	24.977	25.022	25.183	25.343	25.513	25.674	25.781	25.835
65	17.888	17.906	17.924	17.942	17.950	17.959	17.968	17.977	18.004	18.049
70	12.471	12.480	12.488	12.497	12.497	12.488	12.488	12.480	12.480	12.488
75	8.457	8.475	8.484	8.501	8.501	8.501	8.510	8.510	8.519	8.528
80	4.675	4.684	4.675	4.675	4.675	4.675	4.666	4.666	4.666	4.666
85	0.948	0.957	0.957	0.957	0.957	0.957	0.965	0.965	0.965	0.965
90	0.393	0.393	0.393	0.393	0.393	0.393	0.375	0.375	0.375	0.375
95	0.948	0.957	0.957	0.957	0.957	0.957	0.965	0.965	0.965	0.965
100	4.675	4.684	4.675	4.675	4.675	4.675	4.666	4.666	4.666	4.666
105	8.457	8.475	8.484	8.501	8.501	8.501	8.510	8.510	8.519	8.528
110	12.471	12.480	12.488	12.497	12.497	12.488	12.488	12.480	12.480	12.488
115	17.888	17.906	17.924	17.942	17.950	17.959	17.968	17.977	18.004	18.049
120	24.888	24.932	24.977	25.022	25.183	25.343	25.513	25.674	25.781	25.835
125	30.493	30.582	30.680	30.770	30.948	31.118	31.297	31.467	31.619	31.735
130	32.450	32.495	32.540	32.584	32.674	32.763	32.853	32.942	33.013	33.067
135	35.981	35.999	36.008	36.026	36.008	35.999	35.981	35.972	35.955	35.937
140	74.019	72.669	71.319	69.969	68.977	67.985	66.992	66.000	65.178	64.507
145	357.025	354.245	351.473	348.693	348.809	348.926	349.042	349.158	348.818	348.032
150	841.115	840.347	839.587	838.818	841.562	844.307	847.051	849.796	851.762	852.942

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	1076.992	1076.143	1075.294	1074.445	1074.266	1074.087	1073.899	1073.721	1074.025	1074.820
160	1233.415	1229.509	1225.593	1221.687	1217.664	1213.632	1209.610	1205.578	1203.862	1204.443
165	1975.169	1966.640	1958.112	1949.584	1929.041	1908.489	1887.946	1867.394	1855.871	1853.377
170	6049.005	6003.655	5958.305	5912.955	5855.465	5797.984	5740.494	5683.004	5648.659	5637.449
175	18943.271	18896.213	18849.147	18802.090	18786.535	18770.971	18755.417	18739.853	18728.437	18721.160
180	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985	27622.985

Vert. Horizontal Angles

	350	355	360
0	27623.655	27623.655	27623.655
5	18713.875	18706.598	18699.321
10	5626.239	5615.029	5603.819
15	1850.874	1848.380	1845.877
20	1205.024	1205.605	1206.186
25	1075.607	1076.402	1077.189
30	854.131	855.311	856.491
35	347.254	346.467	345.681
40	63.837	63.166	62.496
45	35.910	35.892	35.874
50	33.112	33.165	33.219
55	31.851	31.968	32.084
60	25.898	25.951	26.005
65	18.094	18.138	18.183
70	12.488	12.497	12.497
75	8.537	8.555	8.564
80	4.675	4.675	4.675
85	0.983	0.983	0.983
90	0.358	0.358	0.358
95	0.983	0.983	0.983
100	4.675	4.675	4.675
105	8.537	8.555	8.564
110	12.488	12.497	12.497
115	18.094	18.138	18.183
120	25.898	25.951	26.005
125	31.851	31.968	32.084
130	33.112	33.165	33.219
135	35.910	35.892	35.874
140	63.837	63.166	62.496
145	347.254	346.467	345.681
150	854.131	855.311	856.491
155	1075.607	1076.402	1077.189
160	1205.024	1205.605	1206.186
165	1850.874	1848.380	1845.877
170	5626.239	5615.029	5603.819
175	18713.893	18706.616	18699.339
180	27622.985	27622.985	27622.985

COEFFICIENTS OF UTILIZATION



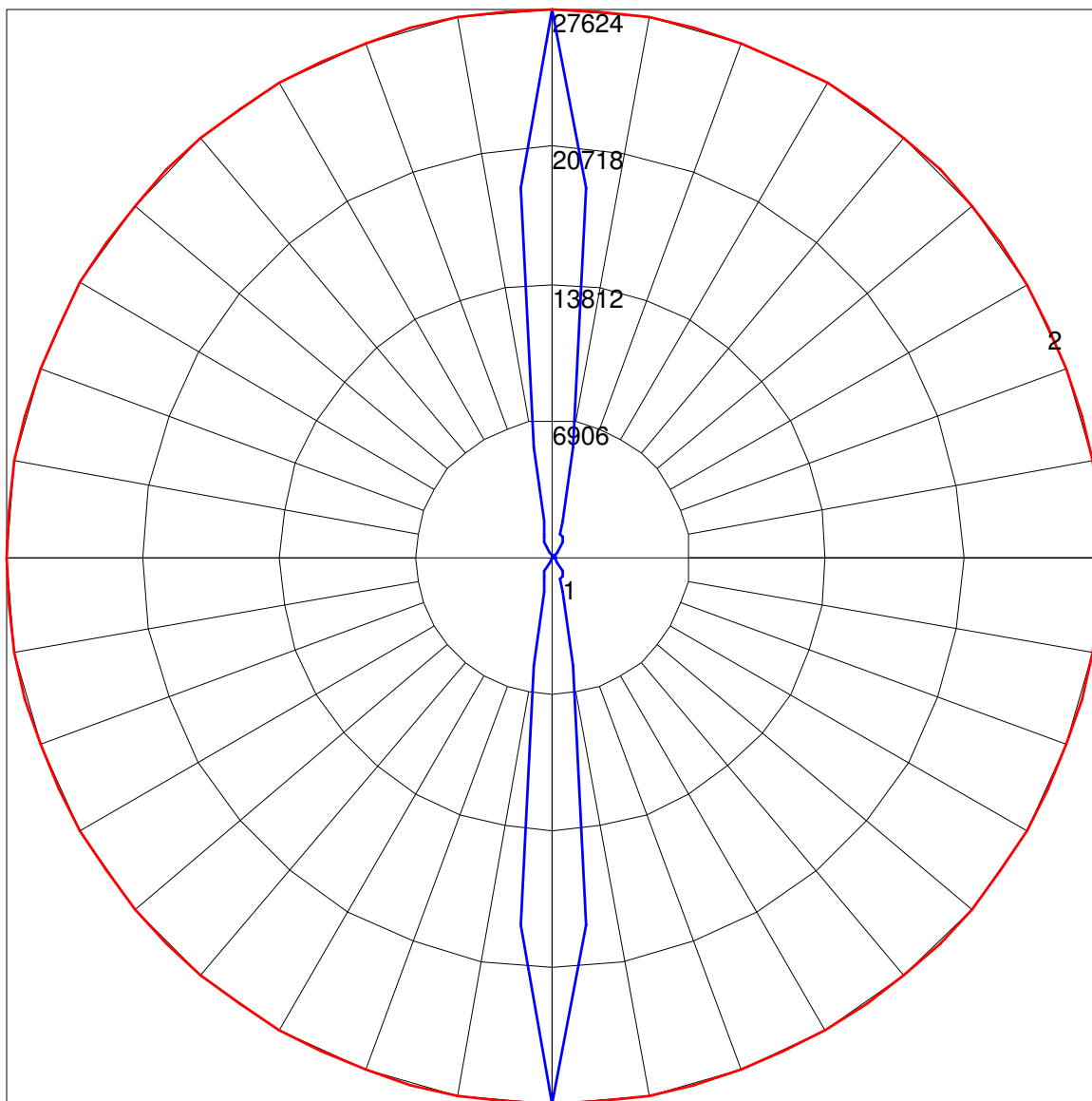
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1493.9	25.0
Downward House Side	1493.9	25.0
Downward Total	2987.8	50.0
Upward Street Side	1493.9	25.0
Upward House Side	1493.9	25.0
Upward Total	2987.8	50.0
Total Flux	5975.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-827U-L30-827D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 27623.655 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

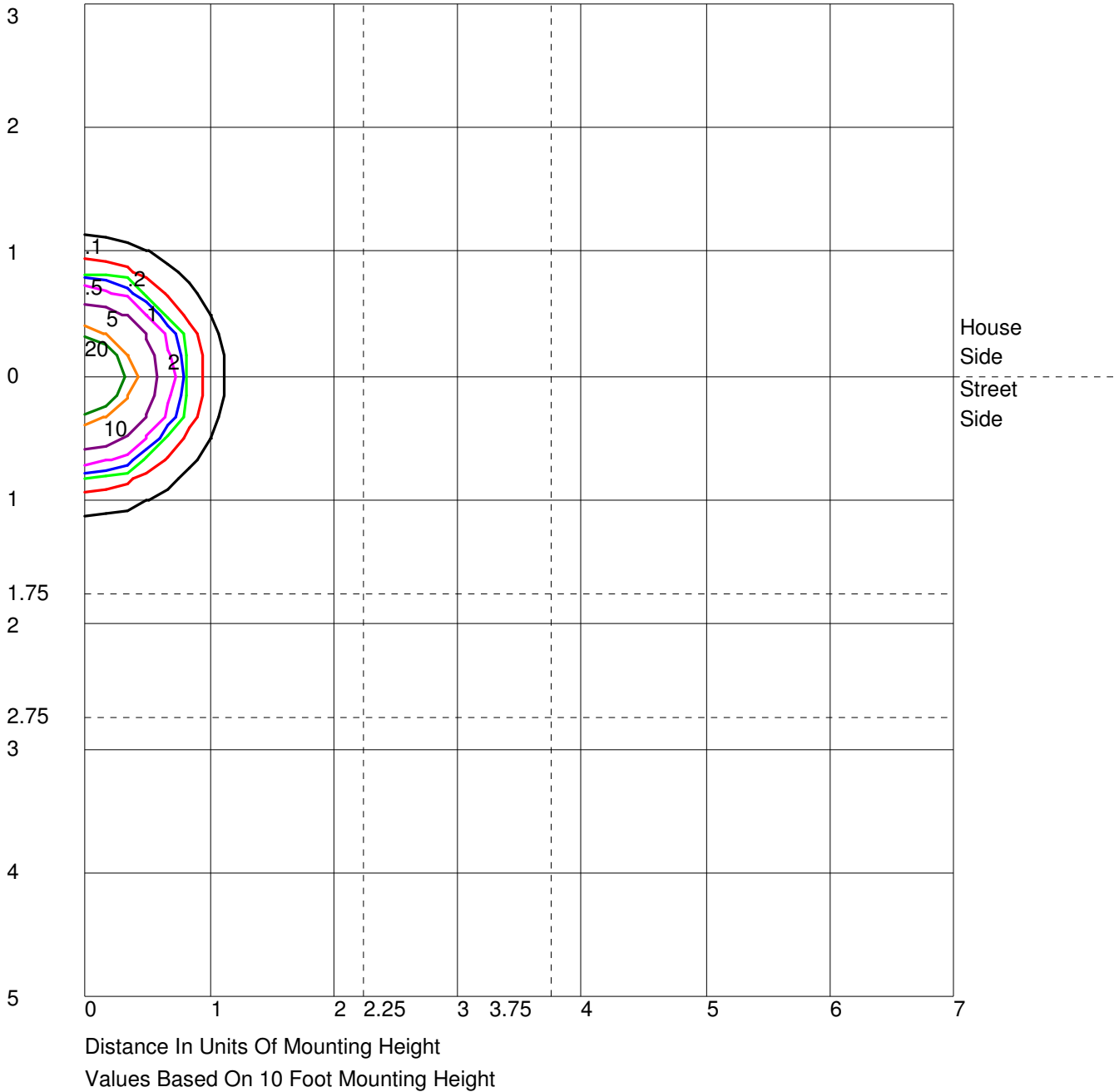


PHOTO LUMENS

