

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-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-L30-940U-L30-940D-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	5915
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27341.778
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	27341.778
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.389 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.663 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1312.0	N.A.	22.2
FM - Front-Medium (30-60)	152.3	N.A.	2.6
FH - Front-High (60-80)	13.5	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1312.0	N.A.	22.2
BM - Back-Medium (30-60)	152.3	N.A.	2.6
BH - Back-High (60-80)	13.5	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)	2955.5	N.A.	50.0
Total	5914.8	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	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778
5	18508.510	18515.712	18522.915	18530.108	18537.311	18548.610	18564.015	18579.411	18594.816	18610.212
10	5546.636	5557.732	5568.828	5579.923	5591.019	5625.014	5681.917	5738.820	5795.715	5852.618
15	1827.041	1829.519	1831.987	1834.465	1836.934	1848.339	1868.681	1889.014	1909.357	1929.690
20	1193.878	1193.302	1192.727	1192.152	1191.577	1193.276	1197.267	1201.248	1205.239	1209.221
25	1066.197	1065.419	1064.631	1063.852	1063.065	1062.764	1062.941	1063.127	1063.304	1063.481
30	847.752	846.584	845.416	844.239	843.071	841.124	838.408	835.691	832.975	830.259
35	342.153	342.932	343.711	344.480	345.259	345.595	345.480	345.365	345.250	345.135
40	61.858	62.522	63.185	63.849	64.513	65.327	66.309	67.291	68.273	69.255
45	35.508	35.526	35.543	35.570	35.588	35.605	35.614	35.632	35.641	35.658
50	32.880	32.827	32.774	32.730	32.677	32.606	32.517	32.429	32.340	32.252
55	31.756	31.641	31.526	31.411	31.296	31.146	30.978	30.801	30.633	30.456
60	25.740	25.686	25.633	25.571	25.518	25.412	25.253	25.085	24.926	24.766
65	17.997	17.953	17.909	17.865	17.820	17.794	17.785	17.776	17.767	17.758
70	12.370	12.370	12.361	12.361	12.352	12.352	12.361	12.361	12.370	12.370
75	8.477	8.468	8.450	8.441	8.432	8.424	8.424	8.415	8.415	8.415
80	4.628	4.628	4.628	4.619	4.619	4.619	4.619	4.628	4.628	4.628
85	0.973	0.973	0.973	0.956	0.956	0.956	0.956	0.947	0.947	0.947
90	0.354	0.354	0.354	0.372	0.372	0.372	0.372	0.389	0.389	0.389
95	0.973	0.973	0.973	0.956	0.956	0.956	0.956	0.947	0.947	0.947
100	4.628	4.628	4.628	4.619	4.619	4.619	4.619	4.628	4.628	4.628
105	8.477	8.468	8.450	8.441	8.432	8.424	8.424	8.415	8.415	8.415
110	12.370	12.370	12.361	12.361	12.352	12.352	12.361	12.361	12.370	12.370
115	17.997	17.953	17.909	17.865	17.820	17.794	17.785	17.776	17.767	17.758
120	25.740	25.686	25.633	25.571	25.518	25.412	25.253	25.085	24.926	24.766
125	31.756	31.641	31.526	31.411	31.296	31.146	30.978	30.801	30.633	30.456
130	32.880	32.827	32.774	32.730	32.677	32.606	32.517	32.429	32.340	32.252
135	35.508	35.526	35.543	35.570	35.588	35.605	35.614	35.632	35.641	35.658
140	61.858	62.522	63.185	63.849	64.513	65.327	66.309	67.291	68.273	69.255
145	342.153	342.932	343.711	344.480	345.259	345.595	345.480	345.365	345.250	345.135
150	847.752	846.584	845.416	844.239	843.071	841.124	838.408	835.691	832.975	830.259
155	1066.197	1065.419	1064.631	1063.852	1063.065	1062.764	1062.941	1063.127	1063.304	1063.481
160	1193.878	1193.302	1192.727	1192.152	1191.577	1193.276	1197.267	1201.248	1205.239	1209.221
165	1827.041	1829.519	1831.987	1834.465	1836.934	1848.339	1868.681	1889.014	1909.357	1929.690
170	5546.636	5557.732	5568.828	5579.923	5591.019	5625.014	5681.917	5738.820	5795.715	5852.618
175	18508.528	18515.730	18522.932	18530.126	18537.329	18548.628	18564.033	18579.429	18594.833	18610.229
180	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778
5	18656.789	18703.375	18749.952	18796.538	18821.305	18824.251	18827.198	18830.144	18833.090	18830.144
10	5897.505	5942.392	5987.279	6032.167	6065.799	6088.158	6110.518	6132.877	6155.237	6132.877
15	1938.131	1946.572	1955.014	1963.455	1975.515	1991.185	2006.855	2022.535	2038.205	2022.535
20	1213.087	1216.963	1220.829	1224.696	1228.005	1230.748	1233.482	1236.225	1238.968	1236.225
25	1064.321	1065.162	1066.003	1066.843	1068.347	1070.506	1072.665	1074.824	1076.983	1074.824
30	831.019	831.772	832.533	833.285	834.541	836.302	838.063	839.823	841.584	839.823
35	347.887	350.630	353.382	356.133	357.620	357.859	358.098	358.328	358.567	358.328
40	70.591	71.927	73.264	74.600	75.228	75.148	75.077	74.998	74.927	74.998
45	35.641	35.632	35.614	35.605	35.614	35.650	35.694	35.729	35.765	35.729
50	32.208	32.163	32.119	32.075	32.048	32.022	31.995	31.978	31.951	31.978
55	30.367	30.270	30.181	30.084	30.031	30.004	29.987	29.960	29.943	29.960

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CANDELA TABULATION - (Cont.)

60	24.722	24.678	24.634	24.589	24.607	24.687	24.766	24.846	24.926	24.846
65	17.741	17.723	17.705	17.688	17.697	17.723	17.750	17.785	17.812	17.785
70	12.361	12.352	12.343	12.334	12.334	12.343	12.352	12.361	12.370	12.361
75	8.397	8.388	8.370	8.362	8.353	8.362	8.370	8.370	8.379	8.370
80	4.628	4.636	4.628	4.636	4.636	4.645	4.654	4.654	4.663	4.654
85	0.947	0.947	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938
90	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
95	0.947	0.947	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938
100	4.628	4.636	4.628	4.636	4.636	4.645	4.654	4.654	4.663	4.654
105	8.397	8.388	8.370	8.362	8.353	8.362	8.370	8.370	8.379	8.370
110	12.361	12.352	12.343	12.334	12.334	12.343	12.352	12.361	12.370	12.361
115	17.741	17.723	17.705	17.688	17.697	17.723	17.750	17.785	17.812	17.785
120	24.722	24.678	24.634	24.589	24.607	24.687	24.766	24.846	24.926	24.846
125	30.367	30.270	30.181	30.084	30.031	30.004	29.987	29.960	29.943	29.960
130	32.208	32.163	32.119	32.075	32.048	32.022	31.995	31.978	31.951	31.978
135	35.641	35.632	35.614	35.605	35.614	35.650	35.694	35.729	35.765	35.729
140	70.591	71.927	73.264	74.600	75.228	75.148	75.077	74.998	74.927	74.998
145	347.887	350.630	353.382	356.133	357.620	357.859	358.098	358.328	358.567	358.328
150	831.019	831.772	832.533	833.285	834.541	836.302	838.063	839.823	841.584	839.823
155	1064.321	1065.162	1066.003	1066.843	1068.347	1070.506	1072.665	1074.824	1076.983	1074.824
160	1213.087	1216.963	1220.829	1224.696	1228.005	1230.748	1233.482	1236.225	1238.968	1236.225
165	1938.131	1946.572	1955.014	1963.455	1975.515	1991.185	2006.855	2022.535	2038.205	2022.535
170	5897.505	5942.392	5987.279	6032.167	6065.799	6088.158	6110.518	6132.877	6155.237	6132.877
175	18656.807	18703.393	18749.970	18796.556	18821.313	18824.269	18827.215	18830.162	18833.108	18830.162
180	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114

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	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778
5	18827.198	18824.251	18821.305	18796.538	18749.952	18703.375	18656.789	18610.212	18594.816	18579.411
10	6110.518	6088.158	6065.799	6032.167	5987.279	5942.392	5897.505	5852.618	5795.715	5738.820
15	2006.855	1991.185	1975.515	1963.455	1955.014	1946.572	1938.131	1929.690	1909.357	1889.014
20	1233.482	1230.748	1228.005	1224.696	1220.829	1216.963	1213.087	1209.221	1205.239	1201.248
25	1072.665	1070.506	1068.347	1066.843	1066.003	1065.162	1064.321	1063.481	1063.304	1063.127
30	838.063	836.302	834.541	833.285	832.533	831.772	831.019	830.259	832.975	835.691
35	358.098	357.859	357.620	356.133	353.382	350.630	347.887	345.135	345.250	345.365
40	75.077	75.148	75.228	74.600	73.264	71.927	70.591	69.255	68.273	67.291
45	35.694	35.650	35.614	35.605	35.614	35.632	35.641	35.658	35.641	35.632
50	31.995	32.022	32.048	32.075	32.119	32.163	32.208	32.252	32.340	32.429
55	29.987	30.004	30.031	30.084	30.181	30.270	30.367	30.456	30.633	30.801
60	24.766	24.687	24.607	24.589	24.634	24.678	24.722	24.766	24.926	25.085
65	17.750	17.723	17.697	17.688	17.705	17.723	17.741	17.758	17.767	17.776
70	12.352	12.343	12.334	12.334	12.343	12.352	12.361	12.370	12.370	12.361
75	8.370	8.362	8.353	8.362	8.370	8.388	8.397	8.415	8.415	8.415
80	4.654	4.645	4.636	4.636	4.628	4.636	4.628	4.628	4.628	4.628
85	0.938	0.938	0.938	0.938	0.938	0.947	0.947	0.947	0.947	0.947
90	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
95	0.938	0.938	0.938	0.938	0.938	0.947	0.947	0.947	0.947	0.947
100	4.654	4.645	4.636	4.636	4.628	4.636	4.628	4.628	4.628	4.628
105	8.370	8.362	8.353	8.362	8.370	8.388	8.397	8.415	8.415	8.415
110	12.352	12.343	12.334	12.334	12.343	12.352	12.361	12.370	12.370	12.361
115	17.750	17.723	17.697	17.688	17.705	17.723	17.741	17.758	17.767	17.776
120	24.766	24.687	24.607	24.589	24.634	24.678	24.722	24.766	24.926	25.085
125	29.987	30.004	30.031	30.084	30.181	30.270	30.367	30.456	30.633	30.801
130	31.995	32.022	32.048	32.075	32.119	32.163	32.208	32.252	32.340	32.429

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CANDELA TABULATION - (Cont.)

135	35.694	35.650	35.614	35.605	35.614	35.632	35.641	35.658	35.641	35.632
140	75.077	75.148	75.228	74.600	73.264	71.927	70.591	69.255	68.273	67.291
145	358.098	357.859	357.620	356.133	353.382	350.630	347.887	345.135	345.250	345.365
150	838.063	836.302	834.541	833.285	832.533	831.772	831.019	830.259	832.975	835.691
155	1072.665	1070.506	1068.347	1066.843	1066.003	1065.162	1064.321	1063.481	1063.304	1063.127
160	1233.482	1230.748	1228.005	1224.696	1220.829	1216.963	1213.087	1209.221	1205.239	1201.248
165	2006.855	1991.185	1975.515	1963.455	1955.014	1946.572	1938.131	1929.690	1909.357	1889.014
170	6110.518	6088.158	6065.799	6032.167	5987.279	5942.392	5897.505	5852.618	5795.715	5738.820
175	18827.21518824.26018821.31318796.55618749.97018703.39318656.80718610.22918594.82518579.429									
180	27341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.114									

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	27341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.778									
5	18564.01518548.61018537.31118530.10818522.91518515.71218508.51018515.71218522.91518530.108									
10	5681.917	5625.014	5591.019	5579.923	5568.828	5557.732	5546.636	5557.732	5568.828	5579.923
15	1868.681	1848.339	1836.934	1834.465	1831.987	1829.519	1827.041	1829.519	1831.987	1834.465
20	1197.267	1193.276	1191.577	1192.152	1192.727	1193.302	1193.878	1193.302	1192.727	1192.152
25	1062.941	1062.764	1063.065	1063.852	1064.631	1065.419	1066.197	1065.419	1064.631	1063.852
30	838.408	841.124	843.071	844.239	845.416	846.584	847.752	846.584	845.416	844.239
35	345.480	345.595	345.259	344.480	343.711	342.932	342.153	342.932	343.711	344.480
40	66.309	65.327	64.513	63.849	63.185	62.522	61.858	62.522	63.185	63.849
45	35.614	35.605	35.588	35.570	35.543	35.526	35.508	35.526	35.543	35.570
50	32.517	32.606	32.677	32.730	32.774	32.827	32.880	32.827	32.774	32.730
55	30.978	31.146	31.296	31.411	31.526	31.641	31.756	31.641	31.526	31.411
60	25.253	25.412	25.518	25.571	25.633	25.686	25.740	25.686	25.633	25.571
65	17.785	17.794	17.820	17.865	17.909	17.953	17.997	17.953	17.909	17.865
70	12.361	12.352	12.352	12.361	12.361	12.370	12.370	12.370	12.361	12.361
75	8.424	8.424	8.432	8.441	8.450	8.468	8.477	8.468	8.450	8.441
80	4.619	4.619	4.619	4.619	4.628	4.628	4.628	4.628	4.628	4.619
85	0.956	0.956	0.956	0.956	0.973	0.973	0.973	0.973	0.973	0.956
90	0.372	0.372	0.372	0.372	0.354	0.354	0.354	0.354	0.354	0.372
95	0.956	0.956	0.956	0.956	0.973	0.973	0.973	0.973	0.973	0.956
100	4.619	4.619	4.619	4.619	4.628	4.628	4.628	4.628	4.628	4.619
105	8.424	8.424	8.432	8.441	8.450	8.468	8.477	8.468	8.450	8.441
110	12.361	12.352	12.352	12.361	12.361	12.370	12.370	12.370	12.361	12.361
115	17.785	17.794	17.820	17.865	17.909	17.953	17.997	17.953	17.909	17.865
120	25.253	25.412	25.518	25.571	25.633	25.686	25.740	25.686	25.633	25.571
125	30.978	31.146	31.296	31.411	31.526	31.641	31.756	31.641	31.526	31.411
130	32.517	32.606	32.677	32.730	32.774	32.827	32.880	32.827	32.774	32.730
135	35.614	35.605	35.588	35.570	35.543	35.526	35.508	35.526	35.543	35.570
140	66.309	65.327	64.513	63.849	63.185	62.522	61.858	62.522	63.185	63.849
145	345.480	345.595	345.259	344.480	343.711	342.932	342.153	342.932	343.711	344.480
150	838.408	841.124	843.071	844.239	845.416	846.584	847.752	846.584	845.416	844.239
155	1062.941	1062.764	1063.065	1063.852	1064.631	1065.419	1066.197	1065.419	1064.631	1063.852
160	1197.267	1193.276	1191.577	1192.152	1192.727	1193.302	1193.878	1193.302	1192.727	1192.152
165	1868.681	1848.339	1836.934	1834.465	1831.987	1829.519	1827.041	1829.519	1831.987	1834.465
170	5681.917	5625.014	5591.019	5579.923	5568.828	5557.732	5546.636	5557.732	5568.828	5579.923
175	18564.03318548.62818537.32918530.12618522.92418515.73018508.52818515.73018522.92418530.126									
180	27341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.11427341.114									

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	27341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.77827341.778									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	18537.311	18548.610	18564.015	18579.411	18594.816	18610.212	18656.789	18703.375	18749.952	18796.538
10	5591.019	5625.014	5681.917	5738.820	5795.715	5852.618	5897.505	5942.392	5987.279	6032.167
15	1836.934	1848.339	1868.681	1889.014	1909.357	1929.690	1938.131	1946.572	1955.014	1963.455
20	1191.577	1193.276	1197.267	1201.248	1205.239	1209.221	1213.087	1216.963	1220.829	1224.696
25	1063.065	1062.764	1062.941	1063.127	1063.304	1063.481	1064.321	1065.162	1066.003	1066.843
30	843.071	841.124	838.408	835.691	832.975	830.259	831.019	831.772	832.533	833.285
35	345.259	345.595	345.480	345.365	345.250	345.135	347.887	350.630	353.382	356.133
40	64.513	65.327	66.309	67.291	68.273	69.255	70.591	71.927	73.264	74.600
45	35.588	35.605	35.614	35.632	35.641	35.658	35.641	35.632	35.614	35.605
50	32.677	32.606	32.517	32.429	32.340	32.252	32.208	32.163	32.119	32.075
55	31.296	31.146	30.978	30.801	30.633	30.456	30.367	30.270	30.181	30.084
60	25.518	25.412	25.253	25.085	24.926	24.766	24.722	24.678	24.634	24.589
65	17.820	17.794	17.785	17.776	17.767	17.758	17.741	17.723	17.705	17.688
70	12.352	12.352	12.361	12.361	12.370	12.370	12.361	12.352	12.343	12.334
75	8.432	8.424	8.424	8.415	8.415	8.415	8.397	8.388	8.370	8.362
80	4.619	4.619	4.619	4.628	4.628	4.628	4.628	4.636	4.628	4.636
85	0.956	0.956	0.956	0.947	0.947	0.947	0.947	0.947	0.938	0.938
90	0.372	0.372	0.372	0.389	0.389	0.389	0.389	0.389	0.389	0.389
95	0.956	0.956	0.956	0.947	0.947	0.947	0.947	0.947	0.938	0.938
100	4.619	4.619	4.619	4.628	4.628	4.628	4.628	4.636	4.628	4.636
105	8.432	8.424	8.424	8.415	8.415	8.415	8.397	8.388	8.370	8.362
110	12.352	12.352	12.361	12.361	12.370	12.370	12.361	12.352	12.343	12.334
115	17.820	17.794	17.785	17.776	17.767	17.758	17.741	17.723	17.705	17.688
120	25.518	25.412	25.253	25.085	24.926	24.766	24.722	24.678	24.634	24.589
125	31.296	31.146	30.978	30.801	30.633	30.456	30.367	30.270	30.181	30.084
130	32.677	32.606	32.517	32.429	32.340	32.252	32.208	32.163	32.119	32.075
135	35.588	35.605	35.614	35.632	35.641	35.658	35.641	35.632	35.614	35.605
140	64.513	65.327	66.309	67.291	68.273	69.255	70.591	71.927	73.264	74.600
145	345.259	345.595	345.480	345.365	345.250	345.135	347.887	350.630	353.382	356.133
150	843.071	841.124	838.408	835.691	832.975	830.259	831.019	831.772	832.533	833.285
155	1063.065	1062.764	1062.941	1063.127	1063.304	1063.481	1064.321	1065.162	1066.003	1066.843
160	1191.577	1193.276	1197.267	1201.248	1205.239	1209.221	1213.087	1216.963	1220.829	1224.696
165	1836.934	1848.339	1868.681	1889.014	1909.357	1929.690	1938.131	1946.572	1955.014	1963.455
170	5591.019	5625.014	5681.917	5738.820	5795.715	5852.618	5897.505	5942.392	5987.279	6032.167
175	18537.329	18548.628	18564.033	18579.429	18594.825	18610.229	18656.807	18703.393	18749.970	18796.556
180	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114

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	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778
5	18821.305	18824.251	18827.198	18830.144	18833.090	18830.144	18827.198	18824.251	18821.305	18796.538
10	6065.799	6088.158	6110.518	6132.877	6155.237	6132.877	6110.518	6088.158	6065.799	6032.167
15	1975.515	1991.185	2006.855	2022.535	2038.205	2022.535	2006.855	1991.185	1975.515	1963.455
20	1228.005	1230.748	1233.482	1236.225	1238.968	1236.225	1233.482	1230.748	1228.005	1224.696
25	1068.347	1070.506	1072.665	1074.824	1076.983	1074.824	1072.665	1070.506	1068.347	1066.843
30	834.541	836.302	838.063	839.823	841.584	839.823	838.063	836.302	834.541	833.285
35	357.620	357.859	358.098	358.328	358.567	358.328	358.098	357.859	357.620	356.133
40	75.228	75.148	75.077	74.998	74.927	74.998	75.077	75.148	75.228	74.600
45	35.614	35.650	35.694	35.729	35.765	35.729	35.694	35.650	35.614	35.605
50	32.048	32.022	31.995	31.978	31.951	31.978	31.995	32.022	32.048	32.075
55	30.031	30.004	29.987	29.960	29.943	29.960	29.987	30.004	30.031	30.084
60	24.607	24.687	24.766	24.846	24.926	24.846	24.766	24.687	24.607	24.589
65	17.697	17.723	17.750	17.785	17.812	17.785	17.750	17.723	17.697	17.688
70	12.334	12.343	12.352	12.361	12.370	12.361	12.352	12.343	12.334	12.334
75	8.353	8.362	8.370	8.370	8.379	8.370	8.370	8.362	8.353	8.362

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	4.636	4.645	4.654	4.654	4.663	4.654	4.654	4.645	4.636	4.636
85	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938
90	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
95	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938
100	4.636	4.645	4.654	4.654	4.663	4.654	4.654	4.645	4.636	4.636
105	8.353	8.362	8.370	8.370	8.379	8.370	8.370	8.362	8.353	8.362
110	12.334	12.343	12.352	12.361	12.370	12.361	12.352	12.343	12.334	12.334
115	17.697	17.723	17.750	17.785	17.812	17.785	17.750	17.723	17.697	17.688
120	24.607	24.687	24.766	24.846	24.926	24.846	24.766	24.687	24.607	24.589
125	30.031	30.004	29.987	29.960	29.943	29.960	29.987	30.004	30.031	30.084
130	32.048	32.022	31.995	31.978	31.951	31.978	31.995	32.022	32.048	32.075
135	35.614	35.650	35.694	35.729	35.765	35.729	35.694	35.650	35.614	35.605
140	75.228	75.148	75.077	74.998	74.927	74.998	75.077	75.148	75.228	74.600
145	357.620	357.859	358.098	358.328	358.567	358.328	358.098	357.859	357.620	356.133
150	834.541	836.302	838.063	839.823	841.584	839.823	838.063	836.302	834.541	833.285
155	1068.347	1070.506	1072.665	1074.824	1076.983	1074.824	1072.665	1070.506	1068.347	1066.843
160	1228.005	1230.748	1233.482	1236.225	1238.968	1236.225	1233.482	1230.748	1228.005	1224.696
165	1975.515	1991.185	2006.855	2022.535	2038.205	2022.535	2006.855	1991.185	1975.515	1963.455
170	6065.799	6088.158	6110.518	6132.877	6155.237	6132.877	6110.518	6088.158	6065.799	6032.167
175	18821.313	18824.260	18827.215	18830.162	18833.108	18830.162	18827.215	18824.260	18821.313	18796.556
180	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114

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	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778	27341.778
5	18749.952	18703.375	18656.789	18610.212	18594.816	18579.411	18564.015	18548.610	18537.311	18530.108
10	5987.279	5942.392	5897.505	5852.618	5795.715	5738.820	5681.917	5625.014	5591.019	5579.923
15	1955.014	1946.572	1938.131	1929.690	1909.357	1889.014	1868.681	1848.339	1836.934	1834.465
20	1220.829	1216.963	1213.087	1209.221	1205.239	1201.248	1197.267	1193.276	1191.577	1192.152
25	1066.003	1065.162	1064.321	1063.481	1063.304	1063.127	1062.941	1062.764	1063.065	1063.852
30	832.533	831.772	831.019	830.259	832.975	835.691	838.408	841.124	843.071	844.239
35	353.382	350.630	347.887	345.135	345.250	345.365	345.480	345.595	345.259	344.480
40	73.264	71.927	70.591	69.255	68.273	67.291	66.309	65.327	64.513	63.849
45	35.614	35.632	35.641	35.658	35.641	35.632	35.614	35.605	35.588	35.570
50	32.119	32.163	32.208	32.252	32.340	32.429	32.517	32.606	32.677	32.730
55	30.181	30.270	30.367	30.456	30.633	30.801	30.978	31.146	31.296	31.411
60	24.634	24.678	24.722	24.766	24.926	25.085	25.253	25.412	25.518	25.571
65	17.705	17.723	17.741	17.758	17.767	17.776	17.785	17.794	17.820	17.865
70	12.343	12.352	12.361	12.370	12.370	12.361	12.361	12.352	12.352	12.361
75	8.370	8.388	8.397	8.415	8.415	8.415	8.424	8.424	8.432	8.441
80	4.628	4.636	4.628	4.628	4.628	4.628	4.619	4.619	4.619	4.619
85	0.938	0.947	0.947	0.947	0.947	0.947	0.956	0.956	0.956	0.956
90	0.389	0.389	0.389	0.389	0.389	0.389	0.372	0.372	0.372	0.372
95	0.938	0.947	0.947	0.947	0.947	0.947	0.956	0.956	0.956	0.956
100	4.628	4.636	4.628	4.628	4.628	4.628	4.619	4.619	4.619	4.619
105	8.370	8.388	8.397	8.415	8.415	8.415	8.424	8.424	8.432	8.441
110	12.343	12.352	12.361	12.370	12.370	12.361	12.361	12.352	12.352	12.361
115	17.705	17.723	17.741	17.758	17.767	17.776	17.785	17.794	17.820	17.865
120	24.634	24.678	24.722	24.766	24.926	25.085	25.253	25.412	25.518	25.571
125	30.181	30.270	30.367	30.456	30.633	30.801	30.978	31.146	31.296	31.411
130	32.119	32.163	32.208	32.252	32.340	32.429	32.517	32.606	32.677	32.730
135	35.614	35.632	35.641	35.658	35.641	35.632	35.614	35.605	35.588	35.570
140	73.264	71.927	70.591	69.255	68.273	67.291	66.309	65.327	64.513	63.849
145	353.382	350.630	347.887	345.135	345.250	345.365	345.480	345.595	345.259	344.480
150	832.533	831.772	831.019	830.259	832.975	835.691	838.408	841.124	843.071	844.239

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-S-XX_.IES****CANDELA TABULATION - (Cont.)**

155	1066.003	1065.162	1064.321	1063.481	1063.304	1063.127	1062.941	1062.764	1063.065	1063.852
160	1220.829	1216.963	1213.087	1209.221	1205.239	1201.248	1197.267	1193.276	1191.577	1192.152
165	1955.014	1946.572	1938.131	1929.690	1909.357	1889.014	1868.681	1848.339	1836.934	1834.465
170	5987.279	5942.392	5897.505	5852.618	5795.715	5738.820	5681.917	5625.014	5591.019	5579.923
175	18749.970	18703.393	18656.807	18610.229	18594.833	18579.429	18564.033	18548.628	18537.329	18530.126
180	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114	27341.114

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	27341.778	27341.778	27341.778
5	18522.915	18515.712	18508.510
10	5568.828	5557.732	5546.636
15	1831.987	1829.519	1827.041
20	1192.727	1193.302	1193.878
25	1064.631	1065.419	1066.197
30	845.416	846.584	847.752
35	343.711	342.932	342.153
40	63.185	62.522	61.858
45	35.543	35.526	35.508
50	32.774	32.827	32.880
55	31.526	31.641	31.756
60	25.633	25.686	25.740
65	17.909	17.953	17.997
70	12.361	12.370	12.370
75	8.450	8.468	8.477
80	4.628	4.628	4.628
85	0.973	0.973	0.973
90	0.354	0.354	0.354
95	0.973	0.973	0.973
100	4.628	4.628	4.628
105	8.450	8.468	8.477
110	12.361	12.370	12.370
115	17.909	17.953	17.997
120	25.633	25.686	25.740
125	31.526	31.641	31.756
130	32.774	32.827	32.880
135	35.543	35.526	35.508
140	63.185	62.522	61.858
145	343.711	342.932	342.153
150	845.416	846.584	847.752
155	1064.631	1065.419	1066.197
160	1192.727	1193.302	1193.878
165	1831.987	1829.519	1827.041
170	5568.828	5557.732	5546.636
175	18522.932	18515.730	18508.528
180	27341.114	27341.114	27341.114

COEFFICIENTS OF UTILIZATION



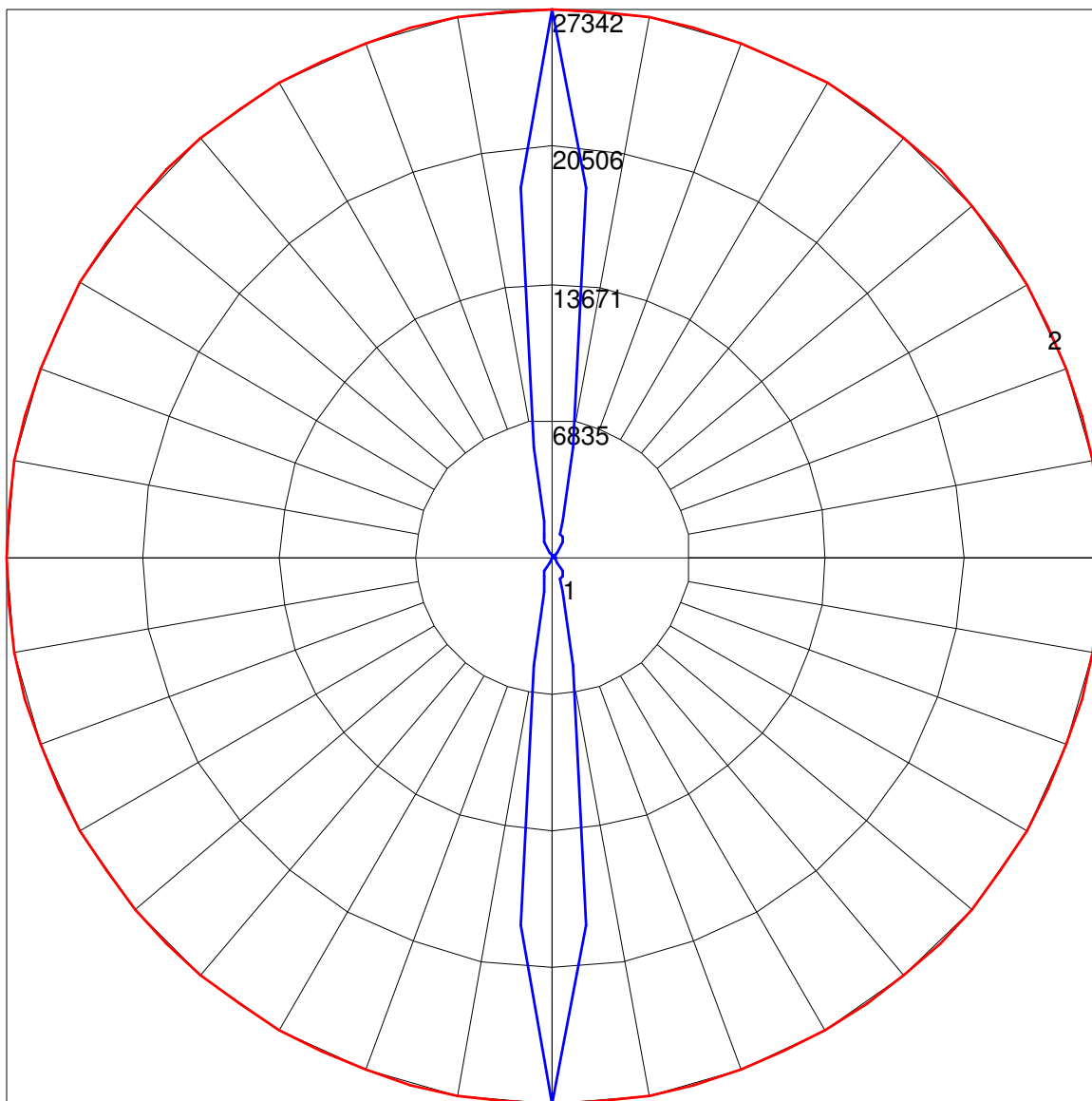
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1478.7	25.0
Downward House Side	1478.7	25.0
Downward Total	2957.4	50.0
Upward Street Side	1478.7	25.0
Upward House Side	1478.7	25.0
Upward Total	2957.4	50.0
Total Flux	5914.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-940U-L30-940D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 27341.778 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

