

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-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-L30-927U-L30-927D-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	5671
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26214.284
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	26214.284
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.373 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.471 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1257.9	N.A.	22.2
FM - Front-Medium (30-60)	146.0	N.A.	2.6
FH - Front-High (60-80)	12.9	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1257.9	N.A.	22.2
BM - Back-Medium (30-60)	146.0	N.A.	2.6
BH - Back-High (60-80)	12.9	N.A.	0.2
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.8	N.A.	0.0
UH - Uplight-High (100-180)	2833.6	N.A.	50.0
Total	5670.8	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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	17745.274	17752.179	17759.085	17765.982	17772.887	17783.721	17798.490	17813.251	17828.021	17842.782
10	5317.909	5328.548	5339.186	5349.824	5360.462	5393.055	5447.612	5502.168	5556.717	5611.273
15	1751.699	1754.075	1756.442	1758.817	1761.184	1772.119	1791.622	1811.117	1830.620	1850.115
20	1144.646	1144.094	1143.543	1142.991	1142.440	1144.069	1147.895	1151.712	1155.538	1159.356
25	1022.230	1021.484	1020.729	1019.982	1019.227	1018.939	1019.109	1019.287	1019.456	1019.626
30	812.793	811.673	810.553	809.425	808.305	806.439	803.834	801.230	798.626	796.021
35	328.044	328.790	329.537	330.275	331.022	331.344	331.234	331.123	331.013	330.903
40	59.307	59.944	60.580	61.216	61.852	62.633	63.574	64.516	65.458	66.399
45	34.044	34.061	34.078	34.103	34.120	34.137	34.146	34.163	34.171	34.188
50	31.524	31.473	31.422	31.380	31.329	31.261	31.176	31.092	31.007	30.922
55	30.447	30.337	30.226	30.116	30.006	29.862	29.700	29.531	29.369	29.200
60	24.678	24.627	24.576	24.517	24.466	24.364	24.212	24.050	23.898	23.745
65	17.255	17.213	17.170	17.128	17.086	17.060	17.052	17.043	17.035	17.026
70	11.860	11.860	11.851	11.851	11.843	11.843	11.851	11.851	11.860	11.860
75	8.127	8.119	8.102	8.093	8.085	8.076	8.076	8.068	8.068	8.068
80	4.437	4.437	4.437	4.428	4.428	4.428	4.428	4.437	4.437	4.437
85	0.933	0.933	0.933	0.916	0.916	0.916	0.916	0.908	0.908	0.908
90	0.339	0.339	0.339	0.356	0.356	0.356	0.356	0.373	0.373	0.373
95	0.933	0.933	0.933	0.916	0.916	0.916	0.916	0.908	0.908	0.908
100	4.437	4.437	4.437	4.428	4.428	4.428	4.428	4.437	4.437	4.437
105	8.127	8.119	8.102	8.093	8.085	8.076	8.076	8.068	8.068	8.068
110	11.860	11.860	11.851	11.851	11.843	11.843	11.851	11.851	11.860	11.860
115	17.255	17.213	17.170	17.128	17.086	17.060	17.052	17.043	17.035	17.026
120	24.678	24.627	24.576	24.517	24.466	24.364	24.212	24.050	23.898	23.745
125	30.447	30.337	30.226	30.116	30.006	29.862	29.700	29.531	29.369	29.200
130	31.524	31.473	31.422	31.380	31.329	31.261	31.176	31.092	31.007	30.922
135	34.044	34.061	34.078	34.103	34.120	34.137	34.146	34.163	34.171	34.188
140	59.307	59.944	60.580	61.216	61.852	62.633	63.574	64.516	65.458	66.399
145	328.044	328.790	329.537	330.275	331.022	331.344	331.234	331.123	331.013	330.903
150	812.793	811.673	810.553	809.425	808.305	806.439	803.834	801.230	798.626	796.021
155	1022.230	1021.484	1020.729	1019.982	1019.227	1018.939	1019.109	1019.287	1019.456	1019.626
160	1144.646	1144.094	1143.543	1142.991	1142.440	1144.069	1147.895	1151.712	1155.538	1159.356
165	1751.699	1754.075	1756.442	1758.817	1761.184	1772.119	1791.622	1811.117	1830.620	1850.115
170	5317.909	5328.548	5339.186	5349.824	5360.462	5393.055	5447.612	5502.168	5556.717	5611.273
175	17745.291	17752.196	17759.102	17765.999	17772.904	17783.738	17798.507	17813.268	17828.038	17842.799
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	17887.438	17932.103	17976.760	18021.425	18045.170	18047.995	18050.820	18053.645	18056.470	18053.645
10	5654.309	5697.346	5740.382	5783.418	5815.663	5837.101	5858.538	5879.976	5901.413	5879.976
15	1858.208	1866.301	1874.395	1882.488	1894.051	1909.075	1924.099	1939.131	1954.155	1939.131
20	1163.063	1166.779	1170.486	1174.193	1177.366	1179.996	1182.617	1185.247	1187.877	1185.247
25	1020.432	1021.238	1022.044	1022.850	1024.292	1026.362	1028.432	1030.502	1032.572	1030.502
30	796.751	797.472	798.201	798.922	800.127	801.815	803.503	805.192	806.880	805.192
35	333.541	336.171	338.809	341.448	342.873	343.102	343.331	343.551	343.781	343.551
40	67.680	68.961	70.242	71.523	72.126	72.049	71.981	71.905	71.837	71.905
45	34.171	34.163	34.146	34.137	34.146	34.180	34.222	34.256	34.290	34.256
50	30.880	30.837	30.795	30.752	30.727	30.701	30.676	30.659	30.633	30.659
55	29.115	29.022	28.937	28.843	28.793	28.767	28.750	28.725	28.708	28.725

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CANDELA TABULATION - (Cont.)

60	23.703	23.660	23.618	23.575	23.592	23.669	23.745	23.821	23.898	23.821
65	17.009	16.992	16.975	16.958	16.967	16.992	17.018	17.052	17.077	17.052
70	11.851	11.843	11.834	11.826	11.826	11.834	11.843	11.851	11.860	11.851
75	8.051	8.042	8.025	8.017	8.008	8.017	8.025	8.025	8.034	8.025
80	4.437	4.445	4.437	4.445	4.445	4.454	4.462	4.462	4.471	4.462
85	0.908	0.908	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899
90	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373
95	0.908	0.908	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899
100	4.437	4.445	4.437	4.445	4.445	4.454	4.462	4.462	4.471	4.462
105	8.051	8.042	8.025	8.017	8.008	8.017	8.025	8.025	8.034	8.025
110	11.851	11.843	11.834	11.826	11.826	11.834	11.843	11.851	11.860	11.851
115	17.009	16.992	16.975	16.958	16.967	16.992	17.018	17.052	17.077	17.052
120	23.703	23.660	23.618	23.575	23.592	23.669	23.745	23.821	23.898	23.821
125	29.115	29.022	28.937	28.843	28.793	28.767	28.750	28.725	28.708	28.725
130	30.880	30.837	30.795	30.752	30.727	30.701	30.676	30.659	30.633	30.659
135	34.171	34.163	34.146	34.137	34.146	34.180	34.222	34.256	34.290	34.256
140	67.680	68.961	70.242	71.523	72.126	72.049	71.981	71.905	71.837	71.905
145	333.541	336.171	338.809	341.448	342.873	343.102	343.331	343.551	343.781	343.551
150	796.751	797.472	798.201	798.922	800.127	801.815	803.503	805.192	806.880	805.192
155	1020.432	1021.238	1022.044	1022.850	1024.292	1026.362	1028.432	1030.502	1032.572	1030.502
160	1163.063	1166.779	1170.486	1174.193	1177.366	1179.996	1182.617	1185.247	1187.877	1185.247
165	1858.208	1866.301	1874.395	1882.488	1894.051	1909.075	1924.099	1939.131	1954.155	1939.131
170	5654.309	5697.346	5740.382	5783.418	5815.663	5837.101	5858.538	5879.976	5901.413	5879.976
175	17887.4551	17932.1201	17976.7771	18021.4421	18045.1781	18048.0121	18050.8371	18053.6621	18056.4871	18053.662
180	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482	26213.6482

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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	18050.8201	18047.9951	18045.1701	18021.4251	17976.7601	17932.1031	17887.4381	17842.7821	17828.0211	17813.251
10	5858.538	5837.101	5815.663	5783.418	5740.382	5697.346	5654.309	5611.273	5556.717	5502.168
15	1924.099	1909.075	1894.051	1882.488	1874.395	1866.301	1858.208	1850.115	1830.620	1811.117
20	1182.617	1179.996	1177.366	1174.193	1170.486	1166.779	1163.063	1159.356	1155.538	1151.712
25	1028.432	1026.362	1024.292	1022.850	1022.044	1021.238	1020.432	1019.626	1019.456	1019.287
30	803.503	801.815	800.127	798.922	798.201	797.472	796.751	796.021	796.626	801.230
35	343.331	343.102	342.873	341.448	338.809	336.171	333.541	330.903	331.013	331.123
40	71.981	72.049	72.126	71.523	70.242	68.961	67.680	66.399	65.458	64.516
45	34.222	34.180	34.146	34.137	34.146	34.163	34.171	34.188	34.171	34.163
50	30.676	30.701	30.727	30.752	30.795	30.837	30.880	30.922	31.007	31.092
55	28.750	28.767	28.793	28.843	28.937	29.022	29.115	29.200	29.369	29.531
60	23.745	23.669	23.592	23.575	23.618	23.660	23.703	23.745	23.898	24.050
65	17.018	16.992	16.967	16.958	16.975	16.992	17.009	17.026	17.035	17.043
70	11.843	11.834	11.826	11.826	11.834	11.843	11.851	11.860	11.860	11.851
75	8.025	8.017	8.008	8.017	8.025	8.042	8.051	8.068	8.068	8.068
80	4.462	4.454	4.445	4.445	4.437	4.445	4.437	4.437	4.437	4.437
85	0.899	0.899	0.899	0.899	0.899	0.908	0.908	0.908	0.908	0.908
90	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373
95	0.899	0.899	0.899	0.899	0.899	0.908	0.908	0.908	0.908	0.908
100	4.462	4.454	4.445	4.445	4.437	4.445	4.437	4.437	4.437	4.437
105	8.025	8.017	8.008	8.017	8.025	8.042	8.051	8.068	8.068	8.068
110	11.843	11.834	11.826	11.826	11.834	11.843	11.851	11.860	11.860	11.851
115	17.018	16.992	16.967	16.958	16.975	16.992	17.009	17.026	17.035	17.043
120	23.745	23.669	23.592	23.575	23.618	23.660	23.703	23.745	23.898	24.050
125	28.750	28.767	28.793	28.843	28.937	29.022	29.115	29.200	29.369	29.531
130	30.676	30.701	30.727	30.752	30.795	30.837	30.880	30.922	31.007	31.092

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CANDELA TABULATION - (Cont.)

135	34.222	34.180	34.146	34.137	34.146	34.163	34.171	34.188	34.171	34.163
140	71.981	72.049	72.126	71.523	70.242	68.961	67.680	66.399	65.458	64.516
145	343.331	343.102	342.873	341.448	338.809	336.171	333.541	330.903	331.013	331.123
150	803.503	801.815	800.127	798.922	798.201	797.472	796.751	796.021	798.626	801.230
155	1028.432	1026.362	1024.292	1022.850	1022.044	1021.238	1020.432	1019.626	1019.456	1019.287
160	1182.617	1179.996	1177.366	1174.193	1170.486	1166.779	1163.063	1159.356	1155.538	1151.712
165	1924.099	1909.075	1894.051	1882.488	1874.395	1866.301	1858.208	1850.115	1830.620	1811.117
170	5858.538	5837.101	5815.663	5783.418	5740.382	5697.346	5654.309	5611.273	5556.717	5502.168
175	18050.837	18048.003	18045.178	18021.442	17976.777	17932.120	17887.455	17842.799	17828.029	17813.268
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	17798.490	17783.721	17772.887	17765.982	17759.085	17752.179	17745.274	17752.179	17759.085	17765.982
10	5447.612	5393.055	5360.462	5349.824	5339.186	5328.548	5317.909	5328.548	5339.186	5349.824
15	1791.622	1772.119	1761.184	1758.817	1756.442	1754.075	1751.699	1754.075	1756.442	1758.817
20	1147.895	1144.069	1142.440	1142.991	1143.543	1144.094	1144.646	1144.094	1143.543	1142.991
25	1019.109	1018.939	1019.227	1019.982	1020.729	1021.484	1022.230	1021.484	1020.729	1019.982
30	803.834	806.439	808.305	809.425	810.553	811.673	812.793	811.673	810.553	809.425
35	331.234	331.344	331.022	330.275	329.537	328.790	328.044	328.790	329.537	330.275
40	63.574	62.633	61.852	61.216	60.580	59.944	59.307	59.944	60.580	61.216
45	34.146	34.137	34.120	34.103	34.078	34.061	34.044	34.061	34.078	34.103
50	31.176	31.261	31.329	31.380	31.422	31.473	31.524	31.473	31.422	31.380
55	29.700	29.862	30.006	30.116	30.226	30.337	30.447	30.337	30.226	30.116
60	24.212	24.364	24.466	24.517	24.576	24.627	24.678	24.627	24.576	24.517
65	17.052	17.060	17.086	17.128	17.170	17.213	17.255	17.213	17.170	17.128
70	11.851	11.843	11.843	11.851	11.851	11.860	11.860	11.860	11.851	11.851
75	8.076	8.076	8.085	8.093	8.102	8.119	8.127	8.119	8.102	8.093
80	4.428	4.428	4.428	4.428	4.437	4.437	4.437	4.437	4.437	4.428
85	0.916	0.916	0.916	0.916	0.933	0.933	0.933	0.933	0.933	0.916
90	0.356	0.356	0.356	0.356	0.339	0.339	0.339	0.339	0.339	0.356
95	0.916	0.916	0.916	0.916	0.933	0.933	0.933	0.933	0.933	0.916
100	4.428	4.428	4.428	4.428	4.437	4.437	4.437	4.437	4.437	4.428
105	8.076	8.076	8.085	8.093	8.102	8.119	8.127	8.119	8.102	8.093
110	11.851	11.843	11.843	11.851	11.851	11.860	11.860	11.860	11.851	11.851
115	17.052	17.060	17.086	17.128	17.170	17.213	17.255	17.213	17.170	17.128
120	24.212	24.364	24.466	24.517	24.576	24.627	24.678	24.627	24.576	24.517
125	29.700	29.862	30.006	30.116	30.226	30.337	30.447	30.337	30.226	30.116
130	31.176	31.261	31.329	31.380	31.422	31.473	31.524	31.473	31.422	31.380
135	34.146	34.137	34.120	34.103	34.078	34.061	34.044	34.061	34.078	34.103
140	63.574	62.633	61.852	61.216	60.580	59.944	59.307	59.944	60.580	61.216
145	331.234	331.344	331.022	330.275	329.537	328.790	328.044	328.790	329.537	330.275
150	803.834	806.439	808.305	809.425	810.553	811.673	812.793	811.673	810.553	809.425
155	1019.109	1018.939	1019.227	1019.982	1020.729	1021.484	1022.230	1021.484	1020.729	1019.982
160	1147.895	1144.069	1142.440	1142.991	1143.543	1144.094	1144.646	1144.094	1143.543	1142.991
165	1791.622	1772.119	1761.184	1758.817	1756.442	1754.075	1751.699	1754.075	1756.442	1758.817
170	5447.612	5393.055	5360.462	5349.824	5339.186	5328.548	5317.909	5328.548	5339.186	5349.824
175	17798.507	17783.738	17772.904	17765.999	17759.093	17752.196	17745.291	17752.196	17759.093	17765.999
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

5	17772.887	17783.721	17798.490	17813.251	17828.021	17842.782	17887.438	17932.103	17976.760	18021.425
10	5360.462	5393.055	5447.612	5502.168	5556.717	5611.273	5654.309	5697.346	5740.382	5783.418
15	1761.184	1772.119	1791.622	1811.117	1830.620	1850.115	1858.208	1866.301	1874.395	1882.488
20	1142.440	1144.069	1147.895	1151.712	1155.538	1159.356	1163.063	1166.779	1170.486	1174.193
25	1019.227	1018.939	1019.109	1019.287	1019.456	1019.626	1020.432	1021.238	1022.044	1022.850
30	808.305	806.439	803.834	801.230	798.626	796.021	796.751	797.472	798.201	798.922
35	331.022	331.344	331.234	331.123	331.013	330.903	333.541	336.171	338.809	341.448
40	61.852	62.633	63.574	64.516	65.458	66.399	67.680	68.961	70.242	71.523
45	34.120	34.137	34.146	34.163	34.171	34.188	34.171	34.163	34.146	34.137
50	31.329	31.261	31.176	31.092	31.007	30.922	30.880	30.837	30.795	30.752
55	30.006	29.862	29.700	29.531	29.369	29.200	29.115	29.022	28.937	28.843
60	24.466	24.364	24.212	24.050	23.898	23.745	23.703	23.660	23.618	23.575
65	17.086	17.060	17.052	17.043	17.035	17.026	17.009	16.992	16.975	16.958
70	11.843	11.843	11.851	11.851	11.860	11.860	11.851	11.843	11.834	11.826
75	8.085	8.076	8.076	8.068	8.068	8.068	8.051	8.042	8.025	8.017
80	4.428	4.428	4.428	4.437	4.437	4.437	4.437	4.445	4.437	4.445
85	0.916	0.916	0.916	0.908	0.908	0.908	0.908	0.908	0.899	0.899
90	0.356	0.356	0.356	0.373	0.373	0.373	0.373	0.373	0.373	0.373
95	0.916	0.916	0.916	0.908	0.908	0.908	0.908	0.908	0.899	0.899
100	4.428	4.428	4.428	4.437	4.437	4.437	4.437	4.445	4.437	4.445
105	8.085	8.076	8.076	8.068	8.068	8.068	8.051	8.042	8.025	8.017
110	11.843	11.843	11.851	11.851	11.860	11.860	11.851	11.843	11.834	11.826
115	17.086	17.060	17.052	17.043	17.035	17.026	17.009	16.992	16.975	16.958
120	24.466	24.364	24.212	24.050	23.898	23.745	23.703	23.660	23.618	23.575
125	30.006	29.862	29.700	29.531	29.369	29.200	29.115	29.022	28.937	28.843
130	31.329	31.261	31.176	31.092	31.007	30.922	30.880	30.837	30.795	30.752
135	34.120	34.137	34.146	34.163	34.171	34.188	34.171	34.163	34.146	34.137
140	61.852	62.633	63.574	64.516	65.458	66.399	67.680	68.961	70.242	71.523
145	331.022	331.344	331.234	331.123	331.013	330.903	333.541	336.171	338.809	341.448
150	808.305	806.439	803.834	801.230	798.626	796.021	796.751	797.472	798.201	798.922
155	1019.227	1018.939	1019.109	1019.287	1019.456	1019.626	1020.432	1021.238	1022.044	1022.850
160	1142.440	1144.069	1147.895	1151.712	1155.538	1159.356	1163.063	1166.779	1170.486	1174.193
165	1761.184	1772.119	1791.622	1811.117	1830.620	1850.115	1858.208	1866.301	1874.395	1882.488
170	5360.462	5393.055	5447.612	5502.168	5556.717	5611.273	5654.309	5697.346	5740.382	5783.418
175	17772.904	17783.738	17798.507	17813.268	17828.029	17842.799	17887.455	17932.120	17976.777	18021.442
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	18045.170	18047.995	18050.820	18053.645	18056.470	18053.645	18050.820	18047.995	18045.170	18021.425
10	5815.663	5837.101	5858.538	5879.976	5901.413	5879.976	5858.538	5837.101	5815.663	5783.418
15	1894.051	1909.075	1924.099	1939.131	1954.155	1939.131	1924.099	1909.075	1894.051	1882.488
20	1177.366	1179.996	1182.617	1185.247	1187.877	1185.247	1182.617	1179.996	1177.366	1174.193
25	1024.292	1026.362	1028.432	1030.502	1032.572	1030.502	1028.432	1026.362	1024.292	1022.850
30	800.127	801.815	803.503	805.192	806.880	805.192	803.503	801.815	800.127	798.922
35	342.873	343.102	343.331	343.551	343.781	343.551	343.331	343.102	342.873	341.448
40	72.126	72.049	71.981	71.905	71.837	71.905	71.981	72.049	72.126	71.523
45	34.146	34.180	34.222	34.256	34.290	34.256	34.222	34.180	34.146	34.137
50	30.727	30.701	30.676	30.659	30.633	30.659	30.676	30.701	30.727	30.752
55	28.793	28.767	28.750	28.725	28.708	28.725	28.750	28.767	28.793	28.843
60	23.592	23.669	23.745	23.821	23.898	23.821	23.745	23.669	23.592	23.575
65	16.967	16.992	17.018	17.052	17.077	17.052	17.018	16.992	16.967	16.958
70	11.826	11.834	11.843	11.851	11.860	11.851	11.843	11.834	11.826	11.826
75	8.008	8.017	8.025	8.025	8.034	8.025	8.025	8.017	8.008	8.017

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

80	4.445	4.454	4.462	4.462	4.471	4.462	4.462	4.454	4.445	4.445
85	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899
90	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373
95	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899
100	4.445	4.454	4.462	4.462	4.471	4.462	4.462	4.454	4.445	4.445
105	8.008	8.017	8.025	8.025	8.034	8.025	8.025	8.017	8.008	8.017
110	11.826	11.834	11.843	11.851	11.860	11.851	11.843	11.834	11.826	11.826
115	16.967	16.992	17.018	17.052	17.077	17.052	17.018	16.992	16.967	16.958
120	23.592	23.669	23.745	23.821	23.898	23.821	23.745	23.669	23.592	23.575
125	28.793	28.767	28.750	28.725	28.708	28.725	28.750	28.767	28.793	28.843
130	30.727	30.701	30.676	30.659	30.633	30.659	30.676	30.701	30.727	30.752
135	34.146	34.180	34.222	34.256	34.290	34.256	34.222	34.180	34.146	34.137
140	72.126	72.049	71.981	71.905	71.837	71.905	71.981	72.049	72.126	71.523
145	342.873	343.102	343.331	343.551	343.781	343.551	343.331	343.102	342.873	341.448
150	800.127	801.815	803.503	805.192	806.880	805.192	803.503	801.815	800.127	798.922
155	1024.292	1026.362	1028.432	1030.502	1032.572	1030.502	1028.432	1026.362	1024.292	1022.850
160	1177.366	1179.996	1182.617	1185.247	1187.877	1185.247	1182.617	1179.996	1177.366	1174.193
165	1894.051	1909.075	1924.099	1939.131	1954.155	1939.131	1924.099	1909.075	1894.051	1882.488
170	5815.663	5837.101	5858.538	5879.976	5901.413	5879.976	5858.538	5837.101	5815.663	5783.418
175	18045.178	18048.003	18050.837	18053.662	18056.487	18053.662	18050.837	18048.012	18045.178	18021.442
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

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	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284	26214.284
5	17976.760	17932.103	17887.438	17842.782	17828.021	17813.251	17798.490	17783.721	17772.887	17765.982
10	5740.382	5697.346	5654.309	5611.273	5556.717	5502.168	5447.612	5393.055	5360.462	5349.824
15	1874.395	1866.301	1858.208	1850.115	1830.620	1811.117	1791.622	1772.119	1761.184	1758.817
20	1170.486	1166.779	1163.063	1159.356	1155.538	1151.712	1147.895	1144.069	1142.440	1142.991
25	1022.044	1021.238	1020.432	1019.626	1019.456	1019.287	1019.109	1018.939	1019.227	1019.982
30	798.201	797.472	796.751	796.021	798.626	801.230	803.834	806.439	808.305	809.425
35	338.809	336.171	333.541	330.903	331.013	331.123	331.234	331.344	331.022	330.275
40	70.242	68.961	67.680	66.399	65.458	64.516	63.574	62.633	61.852	61.216
45	34.146	34.163	34.171	34.188	34.171	34.163	34.146	34.137	34.120	34.103
50	30.795	30.837	30.880	30.922	31.007	31.092	31.176	31.261	31.329	31.380
55	28.937	29.022	29.115	29.200	29.369	29.531	29.700	29.862	30.006	30.116
60	23.618	23.660	23.703	23.745	23.898	24.050	24.212	24.364	24.466	24.517
65	16.975	16.992	17.009	17.026	17.035	17.043	17.052	17.060	17.086	17.128
70	11.834	11.843	11.851	11.860	11.860	11.851	11.851	11.843	11.843	11.851
75	8.025	8.042	8.051	8.068	8.068	8.068	8.076	8.076	8.085	8.093
80	4.437	4.445	4.437	4.437	4.437	4.437	4.428	4.428	4.428	4.428
85	0.899	0.908	0.908	0.908	0.908	0.908	0.916	0.916	0.916	0.916
90	0.373	0.373	0.373	0.373	0.373	0.373	0.356	0.356	0.356	0.356
95	0.899	0.908	0.908	0.908	0.908	0.908	0.916	0.916	0.916	0.916
100	4.437	4.445	4.437	4.437	4.437	4.437	4.428	4.428	4.428	4.428
105	8.025	8.042	8.051	8.068	8.068	8.068	8.076	8.076	8.085	8.093
110	11.834	11.843	11.851	11.860	11.860	11.851	11.851	11.843	11.843	11.851
115	16.975	16.992	17.009	17.026	17.035	17.043	17.052	17.060	17.086	17.128
120	23.618	23.660	23.703	23.745	23.898	24.050	24.212	24.364	24.466	24.517
125	28.937	29.022	29.115	29.200	29.369	29.531	29.700	29.862	30.006	30.116
130	30.795	30.837	30.880	30.922	31.007	31.092	31.176	31.261	31.329	31.380
135	34.146	34.163	34.171	34.188	34.171	34.163	34.146	34.137	34.120	34.103
140	70.242	68.961	67.680	66.399	65.458	64.516	63.574	62.633	61.852	61.216
145	338.809	336.171	333.541	330.903	331.013	331.123	331.234	331.344	331.022	330.275
150	798.201	797.472	796.751	796.021	798.626	801.230	803.834	806.439	808.305	809.425

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

155	1022.044	1021.238	1020.432	1019.626	1019.456	1019.287	1019.109	1018.939	1019.227	1019.982
160	1170.486	1166.779	1163.063	1159.356	1155.538	1151.712	1147.895	1144.069	1142.440	1142.991
165	1874.395	1866.301	1858.208	1850.115	1830.620	1811.117	1791.622	1772.119	1761.184	1758.817
170	5740.382	5697.346	5654.309	5611.273	5556.717	5502.168	5447.612	5393.055	5360.462	5349.824
175	17976.777	17932.120	17887.455	17842.799	17828.038	17813.268	17798.507	17783.738	17772.904	17765.999
180	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648	26213.648

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	26214.284	26214.284	26214.284
5	17759.085	17752.179	17745.274
10	5339.186	5328.548	5317.909
15	1756.442	1754.075	1751.699
20	1143.543	1144.094	1144.646
25	1020.729	1021.484	1022.230
30	810.553	811.673	812.793
35	329.537	328.790	328.044
40	60.580	59.944	59.307
45	34.078	34.061	34.044
50	31.422	31.473	31.524
55	30.226	30.337	30.447
60	24.576	24.627	24.678
65	17.170	17.213	17.255
70	11.851	11.860	11.860
75	8.102	8.119	8.127
80	4.437	4.437	4.437
85	0.933	0.933	0.933
90	0.339	0.339	0.339
95	0.933	0.933	0.933
100	4.437	4.437	4.437
105	8.102	8.119	8.127
110	11.851	11.860	11.860
115	17.170	17.213	17.255
120	24.576	24.627	24.678
125	30.226	30.337	30.447
130	31.422	31.473	31.524
135	34.078	34.061	34.044
140	60.580	59.944	59.307
145	329.537	328.790	328.044
150	810.553	811.673	812.793
155	1020.729	1021.484	1022.230
160	1143.543	1144.094	1144.646
165	1756.442	1754.075	1751.699
170	5339.186	5328.548	5317.909
175	17759.102	17752.196	17745.291
180	26213.648	26213.648	26213.648

COEFFICIENTS OF UTILIZATION



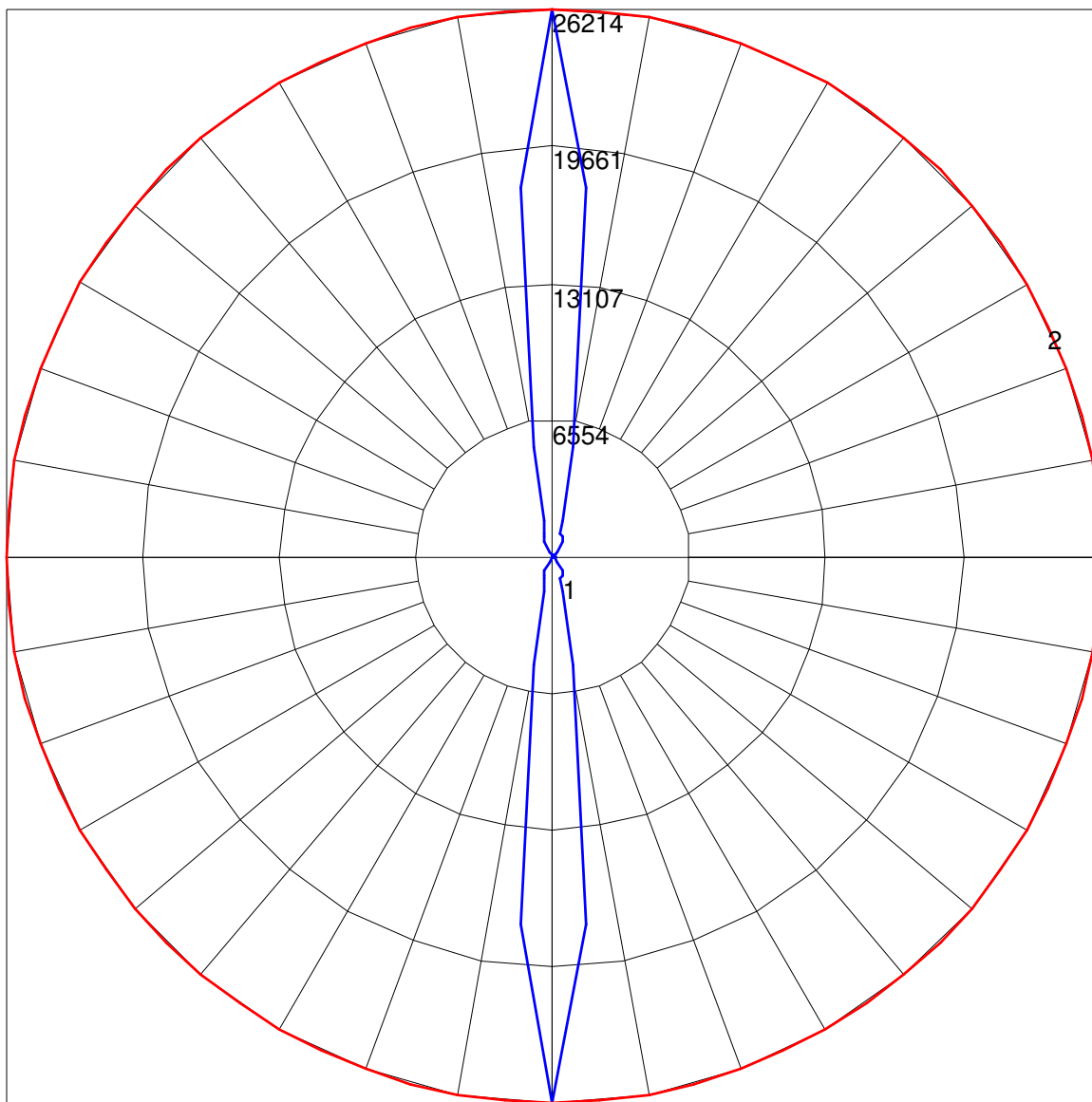
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1417.7	25.0
Downward House Side	1417.7	25.0
Downward Total	2835.4	50.0
Upward Street Side	1417.7	25.0
Upward House Side	1417.7	25.0
Upward Total	2835.4	50.0
Total Flux	5670.8	100.0

IES ROAD REPORT

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

POLAR GRAPH



Maximum Candela = 26214.284 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

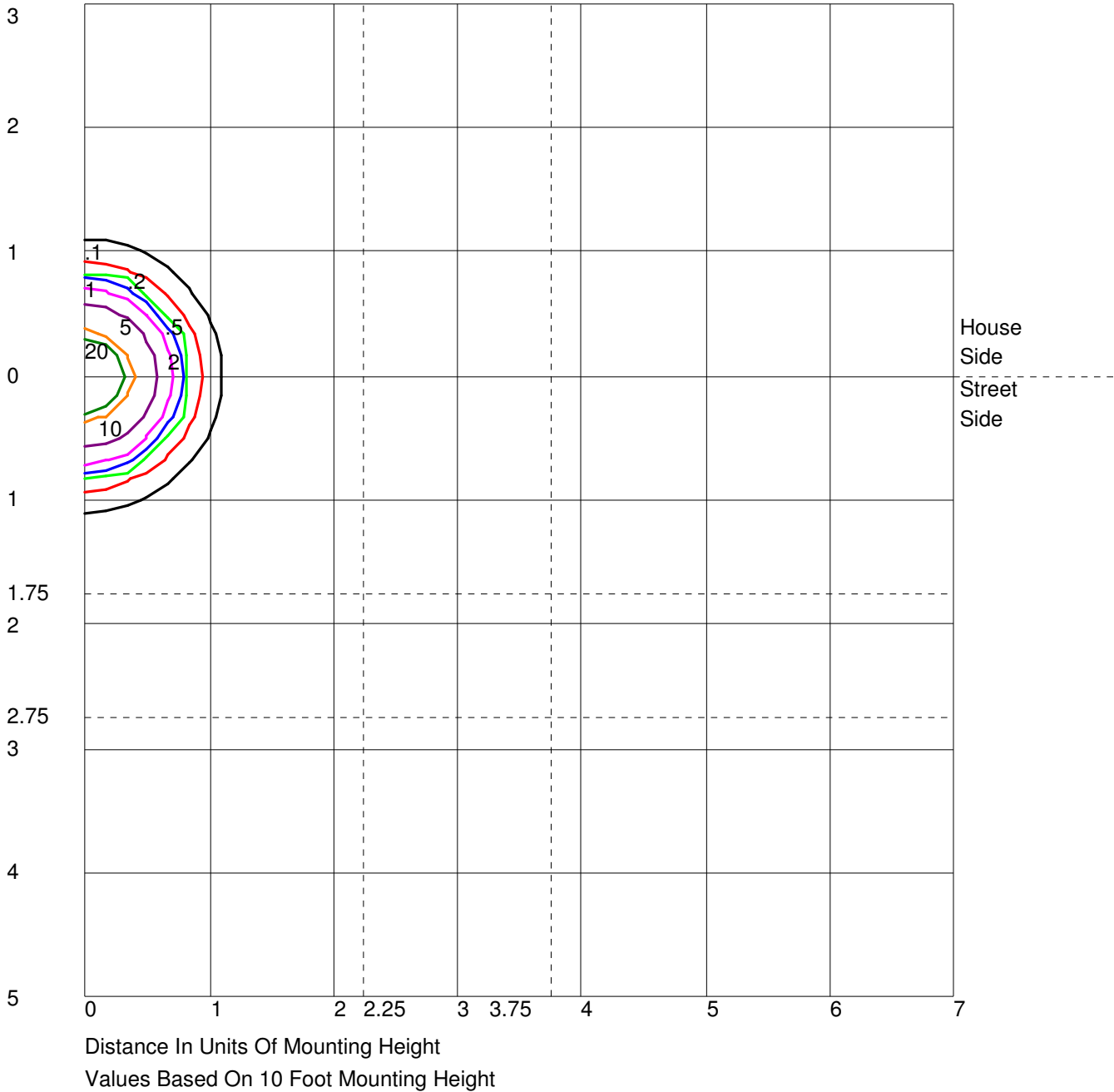


PHOTO LUMENS

