

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-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-L20-950U-L20-950D-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	4029
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	18622.911
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	18622.911
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.265 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.176 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	893.6	N.A.	22.2
FM - Front-Medium (30-60)	103.7	N.A.	2.6
FH - Front-High (60-80)	9.2	N.A.	0.2
FVH - Front-Very High (80-90)	0.6	N.A.	0.0
BL - Back-Low (0-30)	893.6	N.A.	22.2
BM - Back-Medium (30-60)	103.7	N.A.	2.6
BH - Back-High (60-80)	9.2	N.A.	0.2
BVH - Back-Very High (80-90)	0.6	N.A.	0.0
UL - Uplight-Low (90-100)	1.3	N.A.	0.0
UH - Uplight-High (100-180)	2013.0	N.A.	50.0
Total	4028.5	N.A.	100.0
BUG Rating	B2-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12606.435	12611.340	12616.246	12621.146	12626.051	12633.748	12644.240	12654.726	12665.219	12675.705
10	3777.900	3785.458	3793.015	3800.573	3808.130	3831.285	3870.042	3908.800	3947.552	3986.309
15	1244.426	1246.114	1247.795	1249.483	1251.164	1258.932	1272.788	1286.637	1300.493	1314.342
20	813.169	812.777	812.385	811.993	811.602	812.759	815.477	818.189	820.907	823.619
25	726.204	725.673	725.137	724.607	724.070	723.865	723.986	724.112	724.233	724.353
30	577.417	576.621	575.826	575.024	574.229	572.903	571.053	569.202	567.352	565.502
35	233.046	233.576	234.107	234.631	235.161	235.390	235.312	235.234	235.155	235.077
40	42.133	42.585	43.037	43.489	43.941	44.495	45.164	45.833	46.502	47.171
45	24.185	24.197	24.209	24.227	24.239	24.251	24.257	24.269	24.275	24.288
50	22.395	22.359	22.323	22.293	22.257	22.208	22.148	22.088	22.028	21.967
55	21.630	21.551	21.473	21.395	21.316	21.214	21.099	20.979	20.864	20.744
60	17.532	17.495	17.459	17.417	17.381	17.309	17.200	17.086	16.977	16.869
65	12.258	12.228	12.198	12.168	12.138	12.120	12.114	12.108	12.102	12.096
70	8.425	8.425	8.419	8.419	8.413	8.413	8.419	8.419	8.425	8.425
75	5.774	5.768	5.755	5.749	5.743	5.737	5.737	5.731	5.731	5.731
80	3.152	3.152	3.152	3.146	3.146	3.146	3.146	3.152	3.152	3.152
85	0.663	0.663	0.663	0.651	0.651	0.651	0.651	0.645	0.645	0.645
90	0.241	0.241	0.241	0.253	0.253	0.253	0.253	0.265	0.265	0.265
95	0.663	0.663	0.663	0.651	0.651	0.651	0.651	0.645	0.645	0.645
100	3.152	3.152	3.152	3.146	3.146	3.146	3.146	3.152	3.152	3.152
105	5.774	5.768	5.755	5.749	5.743	5.737	5.737	5.731	5.731	5.731
110	8.425	8.425	8.419	8.419	8.413	8.413	8.419	8.419	8.425	8.425
115	12.258	12.228	12.198	12.168	12.138	12.120	12.114	12.108	12.102	12.096
120	17.532	17.495	17.459	17.417	17.381	17.309	17.200	17.086	16.977	16.869
125	21.630	21.551	21.473	21.395	21.316	21.214	21.099	20.979	20.864	20.744
130	22.395	22.359	22.323	22.293	22.257	22.208	22.148	22.088	22.028	21.967
135	24.185	24.197	24.209	24.227	24.239	24.251	24.257	24.269	24.275	24.288
140	42.133	42.585	43.037	43.489	43.941	44.495	45.164	45.833	46.502	47.171
145	233.046	233.576	234.107	234.631	235.161	235.390	235.312	235.234	235.155	235.077
150	577.417	576.621	575.826	575.024	574.229	572.903	571.053	569.202	567.352	565.502
155	726.204	725.673	725.137	724.607	724.070	723.865	723.986	724.112	724.233	724.353
160	813.169	812.777	812.385	811.993	811.602	812.759	815.477	818.189	820.907	823.619
165	1244.426	1246.114	1247.795	1249.483	1251.164	1258.932	1272.788	1286.637	1300.493	1314.342
170	3777.900	3785.458	3793.015	3800.573	3808.130	3831.285	3870.042	3908.800	3947.552	3986.309
175	12606.447	12611.352	12616.258	12621.158	12626.064	12633.760	12644.252	12654.738	12665.231	12675.717
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12707.430	12739.160	12770.885	12802.615	12819.484	12821.491	12823.498	12825.505	12827.512	12825.505
10	4016.883	4047.456	4078.029	4108.603	4131.510	4146.740	4161.969	4177.198	4192.428	4177.198
15	1320.091	1325.841	1331.590	1337.340	1345.554	1356.227	1366.901	1377.580	1388.253	1377.580
20	826.253	828.892	831.526	834.160	836.414	838.282	840.144	842.012	843.881	842.012
25	724.926	725.498	726.071	726.644	727.668	729.139	730.609	732.080	733.550	732.080
30	566.020	566.533	567.051	567.563	568.419	569.618	570.818	572.017	573.216	572.017
35	236.951	238.819	240.694	242.568	243.581	243.743	243.906	244.063	244.225	244.063
40	48.081	48.991	49.901	50.811	51.239	51.185	51.136	51.082	51.034	51.082
45	24.275	24.269	24.257	24.251	24.257	24.282	24.312	24.336	24.360	24.336
50	21.937	21.907	21.877	21.847	21.829	21.811	21.792	21.780	21.762	21.780
55	20.684	20.617	20.557	20.491	20.455	20.436	20.424	20.406	20.394	20.406

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CANDELA TABULATION - (Cont.)

60	16.839	16.808	16.778	16.748	16.760	16.814	16.869	16.923	16.977	16.923
65	12.084	12.071	12.059	12.047	12.053	12.071	12.090	12.114	12.132	12.114
70	8.419	8.413	8.407	8.401	8.401	8.407	8.413	8.419	8.425	8.419
75	5.719	5.713	5.701	5.695	5.689	5.695	5.701	5.701	5.707	5.701
80	3.152	3.158	3.152	3.158	3.158	3.164	3.170	3.170	3.176	3.170
85	0.645	0.645	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
90	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265
95	0.645	0.645	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
100	3.152	3.158	3.152	3.158	3.158	3.164	3.170	3.170	3.176	3.170
105	5.719	5.713	5.701	5.695	5.689	5.695	5.701	5.701	5.707	5.701
110	8.419	8.413	8.407	8.401	8.401	8.407	8.413	8.419	8.425	8.419
115	12.084	12.071	12.059	12.047	12.053	12.071	12.090	12.114	12.132	12.114
120	16.839	16.808	16.778	16.748	16.760	16.814	16.869	16.923	16.977	16.923
125	20.684	20.617	20.557	20.491	20.455	20.436	20.424	20.406	20.394	20.406
130	21.937	21.907	21.877	21.847	21.829	21.811	21.792	21.780	21.762	21.780
135	24.275	24.269	24.257	24.251	24.257	24.282	24.312	24.336	24.360	24.336
140	48.081	48.991	49.901	50.811	51.239	51.185	51.136	51.082	51.034	51.082
145	236.951	238.819	240.694	242.568	243.581	243.743	243.906	244.063	244.225	244.063
150	566.020	566.533	567.051	567.563	568.419	569.618	570.818	572.017	573.216	572.017
155	724.926	725.498	726.071	726.644	727.668	729.139	730.609	732.080	733.550	732.080
160	826.253	828.892	831.526	834.160	836.414	838.282	840.144	842.012	843.881	842.012
165	1320.091	1325.841	1331.590	1337.340	1345.554	1356.227	1366.901	1377.580	1388.253	1377.580
170	4016.883	4047.456	4078.029	4108.603	4131.510	4146.740	4161.969	4177.198	4192.428	4177.198
175	12707.442	12739.172	12770.897	12802.627	12819.490	12821.503	12823.510	12825.517	12827.524	12825.517
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12823.498	12821.491	12819.484	12802.615	12770.885	12739.160	12707.430	12675.705	12665.219	12654.726
10	4161.969	4146.740	4131.510	4108.603	4078.029	4047.456	4016.883	3986.309	3947.552	3908.800
15	1366.901	1356.227	1345.554	1337.340	1331.590	1325.841	1320.091	1314.342	1300.493	1286.637
20	840.144	838.282	836.414	834.160	831.526	828.892	826.253	823.619	820.907	818.189
25	730.609	729.139	727.668	726.644	726.071	725.498	724.926	724.353	724.233	724.112
30	570.818	569.618	568.419	567.563	567.051	566.533	566.020	565.502	567.352	569.202
35	243.906	243.743	243.581	242.568	240.694	238.819	236.951	235.077	235.155	235.234
40	51.136	51.185	51.239	50.811	49.901	48.991	48.081	47.171	46.502	45.833
45	24.312	24.282	24.257	24.251	24.257	24.269	24.275	24.288	24.275	24.269
50	21.792	21.811	21.829	21.847	21.877	21.907	21.937	21.967	22.028	22.088
55	20.424	20.436	20.455	20.491	20.557	20.617	20.684	20.744	20.864	20.979
60	16.869	16.814	16.760	16.748	16.778	16.808	16.839	16.869	16.977	17.086
65	12.090	12.071	12.053	12.047	12.059	12.071	12.084	12.096	12.102	12.108
70	8.413	8.407	8.401	8.401	8.407	8.413	8.419	8.425	8.425	8.419
75	5.701	5.695	5.689	5.695	5.701	5.713	5.719	5.731	5.731	5.731
80	3.170	3.164	3.158	3.158	3.152	3.158	3.152	3.152	3.152	3.152
85	0.639	0.639	0.639	0.639	0.639	0.645	0.645	0.645	0.645	0.645
90	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265
95	0.639	0.639	0.639	0.639	0.639	0.645	0.645	0.645	0.645	0.645
100	3.170	3.164	3.158	3.158	3.152	3.158	3.152	3.152	3.152	3.152
105	5.701	5.695	5.689	5.695	5.701	5.713	5.719	5.731	5.731	5.731
110	8.413	8.407	8.401	8.401	8.407	8.413	8.419	8.425	8.425	8.419
115	12.090	12.071	12.053	12.047	12.059	12.071	12.084	12.096	12.102	12.108
120	16.869	16.814	16.760	16.748	16.778	16.808	16.839	16.869	16.977	17.086
125	20.424	20.436	20.455	20.491	20.557	20.617	20.684	20.744	20.864	20.979
130	21.792	21.811	21.829	21.847	21.877	21.907	21.937	21.967	22.028	22.088

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CANDELA TABULATION - (Cont.)

135	24.312	24.282	24.257	24.251	24.257	24.269	24.275	24.288	24.275	24.269
140	51.136	51.185	51.239	50.811	49.901	48.991	48.081	47.171	46.502	45.833
145	243.906	243.743	243.581	242.568	240.694	238.819	236.951	235.077	235.155	235.234
150	570.818	569.618	568.419	567.563	567.051	566.533	566.020	565.502	567.352	569.202
155	730.609	729.139	727.668	726.644	726.071	725.498	724.926	724.353	724.233	724.112
160	840.144	838.282	836.414	834.160	831.526	828.892	826.253	823.619	820.907	818.189
165	1366.901	1356.227	1345.554	1337.340	1331.590	1325.841	1320.091	1314.342	1300.493	1286.637
170	4161.969	4146.740	4131.510	4108.603	4078.029	4047.456	4016.883	3986.309	3947.552	3908.800
175	12823.510	12821.497	12819.490	12802.627	12770.897	12739.172	12707.442	12675.717	12665.225	12654.738
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

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	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12644.240	12633.748	12626.051	12621.146	12616.246	12611.340	12606.435	12611.340	12616.246	12621.146
10	3870.042	3831.285	3808.130	3800.573	3793.015	3785.458	3777.900	3785.458	3793.015	3800.573
15	1272.788	1258.932	1251.164	1249.483	1247.795	1246.114	1244.426	1246.114	1247.795	1249.483
20	815.477	812.759	811.602	811.993	812.385	812.777	813.169	812.777	812.385	811.993
25	723.986	723.865	724.070	724.607	725.137	725.673	726.204	725.673	725.137	724.607
30	571.053	572.903	574.229	575.024	575.826	576.621	577.417	576.621	575.826	575.024
35	235.312	235.390	235.161	234.631	234.107	233.576	233.046	233.576	234.107	234.631
40	45.164	44.495	43.941	43.489	43.037	42.585	42.133	42.585	43.037	43.489
45	24.257	24.251	24.239	24.227	24.209	24.197	24.185	24.197	24.209	24.227
50	22.148	22.208	22.257	22.293	22.323	22.359	22.395	22.359	22.323	22.293
55	21.099	21.214	21.316	21.395	21.473	21.551	21.630	21.551	21.473	21.395
60	17.200	17.309	17.381	17.417	17.459	17.495	17.532	17.495	17.459	17.417
65	12.114	12.120	12.138	12.168	12.198	12.228	12.258	12.228	12.198	12.168
70	8.419	8.413	8.413	8.419	8.419	8.425	8.425	8.425	8.419	8.419
75	5.737	5.737	5.743	5.749	5.755	5.768	5.774	5.768	5.755	5.749
80	3.146	3.146	3.146	3.146	3.152	3.152	3.152	3.152	3.152	3.146
85	0.651	0.651	0.651	0.651	0.663	0.663	0.663	0.663	0.663	0.651
90	0.253	0.253	0.253	0.253	0.241	0.241	0.241	0.241	0.241	0.253
95	0.651	0.651	0.651	0.651	0.663	0.663	0.663	0.663	0.663	0.651
100	3.146	3.146	3.146	3.146	3.152	3.152	3.152	3.152	3.152	3.146
105	5.737	5.737	5.743	5.749	5.755	5.768	5.774	5.768	5.755	5.749
110	8.419	8.413	8.413	8.419	8.419	8.425	8.425	8.425	8.419	8.419
115	12.114	12.120	12.138	12.168	12.198	12.228	12.258	12.228	12.198	12.168
120	17.200	17.309	17.381	17.417	17.459	17.495	17.532	17.495	17.459	17.417
125	21.099	21.214	21.316	21.395	21.473	21.551	21.630	21.551	21.473	21.395
130	22.148	22.208	22.257	22.293	22.323	22.359	22.395	22.359	22.323	22.293
135	24.257	24.251	24.239	24.227	24.209	24.197	24.185	24.197	24.209	24.227
140	45.164	44.495	43.941	43.489	43.037	42.585	42.133	42.585	43.037	43.489
145	235.312	235.390	235.161	234.631	234.107	233.576	233.046	233.576	234.107	234.631
150	571.053	572.903	574.229	575.024	575.826	576.621	577.417	576.621	575.826	575.024
155	723.986	723.865	724.070	724.607	725.137	725.673	726.204	725.673	725.137	724.607
160	815.477	812.759	811.602	811.993	812.385	812.777	813.169	812.777	812.385	811.993
165	1272.788	1258.932	1251.164	1249.483	1247.795	1246.114	1244.426	1246.114	1247.795	1249.483
170	3870.042	3831.285	3808.130	3800.573	3793.015	3785.458	3777.900	3785.458	3793.015	3800.573
175	12644.252	12633.760	12626.064	12621.158	12616.252	12611.352	12606.447	12611.352	12616.252	12621.158
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

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	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	12626.0511	2633.7481	2644.2401	2654.7261	2665.2191	2675.7051	2707.4301	2739.1601	2770.8851	2802.615
10	3808.130	3831.285	3870.042	3908.800	3947.552	3986.309	4016.883	4047.456	4078.029	4108.603
15	1251.164	1258.932	1272.788	1286.637	1300.493	1314.342	1320.091	1325.841	1331.590	1337.340
20	811.602	812.759	815.477	818.189	820.907	823.619	826.253	828.892	831.526	834.160
25	724.070	723.865	723.986	724.112	724.233	724.353	724.926	725.498	726.071	726.644
30	574.229	572.903	571.053	569.202	567.352	565.502	566.020	566.533	567.051	567.563
35	235.161	235.390	235.312	235.234	235.155	235.077	236.951	238.819	240.694	242.568
40	43.941	44.495	45.164	45.833	46.502	47.171	48.081	48.991	49.901	50.811
45	24.239	24.251	24.257	24.269	24.275	24.288	24.275	24.269	24.257	24.251
50	22.257	22.208	22.148	22.088	22.028	21.967	21.937	21.907	21.877	21.847
55	21.316	21.214	21.099	20.979	20.864	20.744	20.684	20.617	20.557	20.491
60	17.381	17.309	17.200	17.086	16.977	16.869	16.839	16.808	16.778	16.748
65	12.138	12.120	12.114	12.108	12.102	12.096	12.084	12.071	12.059	12.047
70	8.413	8.413	8.419	8.419	8.425	8.425	8.419	8.413	8.407	8.401
75	5.743	5.737	5.737	5.731	5.731	5.731	5.719	5.713	5.701	5.695
80	3.146	3.146	3.146	3.152	3.152	3.152	3.152	3.158	3.152	3.158
85	0.651	0.651	0.651	0.645	0.645	0.645	0.645	0.645	0.639	0.639
90	0.253	0.253	0.253	0.265	0.265	0.265	0.265	0.265	0.265	0.265
95	0.651	0.651	0.651	0.645	0.645	0.645	0.645	0.645	0.639	0.639
100	3.146	3.146	3.146	3.152	3.152	3.152	3.152	3.158	3.152	3.158
105	5.743	5.737	5.737	5.731	5.731	5.731	5.719	5.713	5.701	5.695
110	8.413	8.413	8.419	8.419	8.425	8.425	8.419	8.413	8.407	8.401
115	12.138	12.120	12.114	12.108	12.102	12.096	12.084	12.071	12.059	12.047
120	17.381	17.309	17.200	17.086	16.977	16.869	16.839	16.808	16.778	16.748
125	21.316	21.214	21.099	20.979	20.864	20.744	20.684	20.617	20.557	20.491
130	22.257	22.208	22.148	22.088	22.028	21.967	21.937	21.907	21.877	21.847
135	24.239	24.251	24.257	24.269	24.275	24.288	24.275	24.269	24.257	24.251
140	43.941	44.495	45.164	45.833	46.502	47.171	48.081	48.991	49.901	50.811
145	235.161	235.390	235.312	235.234	235.155	235.077	236.951	238.819	240.694	242.568
150	574.229	572.903	571.053	569.202	567.352	565.502	566.020	566.533	567.051	567.563
155	724.070	723.865	723.986	724.112	724.233	724.353	724.926	725.498	726.071	726.644
160	811.602	812.759	815.477	818.189	820.907	823.619	826.253	828.892	831.526	834.160
165	1251.164	1258.932	1272.788	1286.637	1300.493	1314.342	1320.091	1325.841	1331.590	1337.340
170	3808.130	3831.285	3870.042	3908.800	3947.552	3986.309	4016.883	4047.456	4078.029	4108.603
175	12626.0641	2633.7601	2644.2521	2654.7381	2665.2251	2675.7171	2707.4421	2739.1721	2770.8971	2802.627
180	18622.4591	8622.4591	8622.4591	8622.4591	8622.4591	8622.4591	8622.4591	8622.4591	8622.4591	8622.459

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	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12819.4841	2821.4911	2823.4981	2825.5051	2827.5121	2825.5051	2823.4981	2821.4911	12819.4841	2802.615
10	4131.510	4146.740	4161.969	4177.198	4192.428	4177.198	4161.969	4146.740	4131.510	4108.603
15	1345.554	1356.227	1366.901	1377.580	1388.253	1377.580	1366.901	1356.227	1345.554	1337.340
20	836.414	838.282	840.144	842.012	843.881	842.012	840.144	838.282	836.414	834.160
25	727.668	729.139	730.609	732.080	733.550	732.080	730.609	729.139	727.668	726.644
30	568.419	569.618	570.818	572.017	573.216	572.017	570.818	569.618	568.419	567.563
35	243.581	243.743	243.906	244.063	244.225	244.063	243.906	243.743	243.581	242.568
40	51.239	51.185	51.136	51.082	51.034	51.082	51.136	51.185	51.239	50.811
45	24.257	24.282	24.312	24.336	24.360	24.336	24.312	24.282	24.257	24.251
50	21.829	21.811	21.792	21.780	21.762	21.780	21.792	21.811	21.829	21.847
55	20.455	20.436	20.424	20.406	20.394	20.406	20.424	20.436	20.455	20.491
60	16.760	16.814	16.869	16.923	16.977	16.923	16.869	16.814	16.760	16.748
65	12.053	12.071	12.090	12.114	12.132	12.114	12.090	12.071	12.053	12.047
70	8.401	8.407	8.413	8.419	8.425	8.419	8.413	8.407	8.401	8.401
75	5.689	5.695	5.701	5.701	5.707	5.701	5.701	5.695	5.689	5.695

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	3.158	3.164	3.170	3.170	3.176	3.170	3.170	3.164	3.158	3.158
85	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
90	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265
95	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639	0.639
100	3.158	3.164	3.170	3.170	3.176	3.170	3.170	3.164	3.158	3.158
105	5.689	5.695	5.701	5.701	5.707	5.701	5.701	5.695	5.689	5.695
110	8.401	8.407	8.413	8.419	8.425	8.419	8.413	8.407	8.401	8.401
115	12.053	12.071	12.090	12.114	12.132	12.114	12.090	12.071	12.053	12.047
120	16.760	16.814	16.869	16.923	16.977	16.923	16.869	16.814	16.760	16.748
125	20.455	20.436	20.424	20.406	20.394	20.406	20.424	20.436	20.455	20.491
130	21.829	21.811	21.792	21.780	21.762	21.780	21.792	21.811	21.829	21.847
135	24.257	24.282	24.312	24.336	24.360	24.336	24.312	24.282	24.257	24.251
140	51.239	51.185	51.136	51.082	51.034	51.082	51.136	51.185	51.239	50.811
145	243.581	243.743	243.906	244.063	244.225	244.063	243.906	243.743	243.581	242.568
150	568.419	569.618	570.818	572.017	573.216	572.017	570.818	569.618	568.419	567.563
155	727.668	729.139	730.609	732.080	733.550	732.080	730.609	729.139	727.668	726.644
160	836.414	838.282	840.144	842.012	843.881	842.012	840.144	838.282	836.414	834.160
165	1345.554	1356.227	1366.901	1377.580	1388.253	1377.580	1366.901	1356.227	1345.554	1337.340
170	4131.510	4146.740	4161.969	4177.198	4192.428	4177.198	4161.969	4146.740	4131.510	4108.603
175	12819.490	12821.497	12823.510	12825.517	12827.524	12825.517	12823.510	12821.497	12819.490	12802.627
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

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	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911	18622.911
5	12770.885	12739.160	12707.430	12675.705	12665.219	12654.726	12644.240	12633.748	12626.051	12621.146
10	4078.029	4047.456	4016.883	3986.309	3947.552	3908.800	3870.042	3831.285	3808.130	3800.573
15	1331.590	1325.841	1320.091	1314.342	1300.493	1286.637	1272.788	1258.932	1251.164	1249.483
20	831.526	828.892	826.253	823.619	820.907	818.189	815.477	812.759	811.602	811.993
25	726.071	725.498	724.926	724.353	724.233	724.112	723.986	723.865	724.070	724.607
30	567.051	566.533	566.020	565.502	567.352	569.202	571.053	572.903	574.229	575.024
35	240.694	238.819	236.951	235.077	235.155	235.234	235.312	235.390	235.161	234.631
40	49.901	48.991	48.081	47.171	46.502	45.833	45.164	44.495	43.941	43.489
45	24.257	24.269	24.275	24.288	24.275	24.269	24.257	24.251	24.239	24.227
50	21.877	21.907	21.937	21.967	22.028	22.088	22.148	22.208	22.257	22.293
55	20.557	20.617	20.684	20.744	20.864	20.979	21.099	21.214	21.316	21.395
60	16.778	16.808	16.839	16.869	16.977	17.086	17.200	17.309	17.381	17.417
65	12.059	12.071	12.084	12.096	12.102	12.108	12.114	12.120	12.138	12.168
70	8.407	8.413	8.419	8.425	8.425	8.419	8.419	8.413	8.413	8.419
75	5.701	5.713	5.719	5.731	5.731	5.731	5.737	5.737	5.743	5.749
80	3.152	3.158	3.152	3.152	3.152	3.152	3.146	3.146	3.146	3.146
85	0.639	0.645	0.645	0.645	0.645	0.645	0.651	0.651	0.651	0.651
90	0.265	0.265	0.265	0.265	0.265	0.265	0.253	0.253	0.253	0.253
95	0.639	0.645	0.645	0.645	0.645	0.645	0.651	0.651	0.651	0.651
100	3.152	3.158	3.152	3.152	3.152	3.152	3.146	3.146	3.146	3.146
105	5.701	5.713	5.719	5.731	5.731	5.731	5.737	5.737	5.743	5.749
110	8.407	8.413	8.419	8.425	8.425	8.419	8.419	8.413	8.413	8.419
115	12.059	12.071	12.084	12.096	12.102	12.108	12.114	12.120	12.138	12.168
120	16.778	16.808	16.839	16.869	16.977	17.086	17.200	17.309	17.381	17.417
125	20.557	20.617	20.684	20.744	20.864	20.979	21.099	21.214	21.316	21.395
130	21.877	21.907	21.937	21.967	22.028	22.088	22.148	22.208	22.257	22.293
135	24.257	24.269	24.275	24.288	24.275	24.269	24.257	24.251	24.239	24.227
140	49.901	48.991	48.081	47.171	46.502	45.833	45.164	44.495	43.941	43.489
145	240.694	238.819	236.951	235.077	235.155	235.234	235.312	235.390	235.161	234.631
150	567.051	566.533	566.020	565.502	567.352	569.202	571.053	572.903	574.229	575.024

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	726.071	725.498	724.926	724.353	724.233	724.112	723.986	723.865	724.070	724.607
160	831.526	828.892	826.253	823.619	820.907	818.189	815.477	812.759	811.602	811.993
165	1331.590	1325.841	1320.091	1314.342	1300.493	1286.637	1272.788	1258.932	1251.164	1249.483
170	4078.029	4047.456	4016.883	3986.309	3947.552	3908.800	3870.042	3831.285	3808.130	3800.573
175	12770.897	12739.172	12707.442	12675.717	12665.231	12654.738	12644.252	12633.760	12626.064	12621.158
180	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459	18622.459

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	18622.911	18622.911	18622.911
5	12616.246	12611.340	12606.435
10	3793.015	3785.458	3777.900
15	1247.795	1246.114	1244.426
20	812.385	812.777	813.169
25	725.137	725.673	726.204
30	575.826	576.621	577.417
35	234.107	233.576	233.046
40	43.037	42.585	42.133
45	24.209	24.197	24.185
50	22.323	22.359	22.395
55	21.473	21.551	21.630
60	17.459	17.495	17.532
65	12.198	12.228	12.258
70	8.419	8.425	8.425
75	5.755	5.768	5.774
80	3.152	3.152	3.152
85	0.663	0.663	0.663
90	0.241	0.241	0.241
95	0.663	0.663	0.663
100	3.152	3.152	3.152
105	5.755	5.768	5.774
110	8.419	8.425	8.425
115	12.198	12.228	12.258
120	17.459	17.495	17.532
125	21.473	21.551	21.630
130	22.323	22.359	22.395
135	24.209	24.197	24.185
140	43.037	42.585	42.133
145	234.107	233.576	233.046
150	575.826	576.621	577.417
155	725.137	725.673	726.204
160	812.385	812.777	813.169
165	1247.795	1246.114	1244.426
170	3793.015	3785.458	3777.900
175	12616.258	12611.352	12606.447
180	18622.459	18622.459	18622.459

COEFFICIENTS OF UTILIZATION



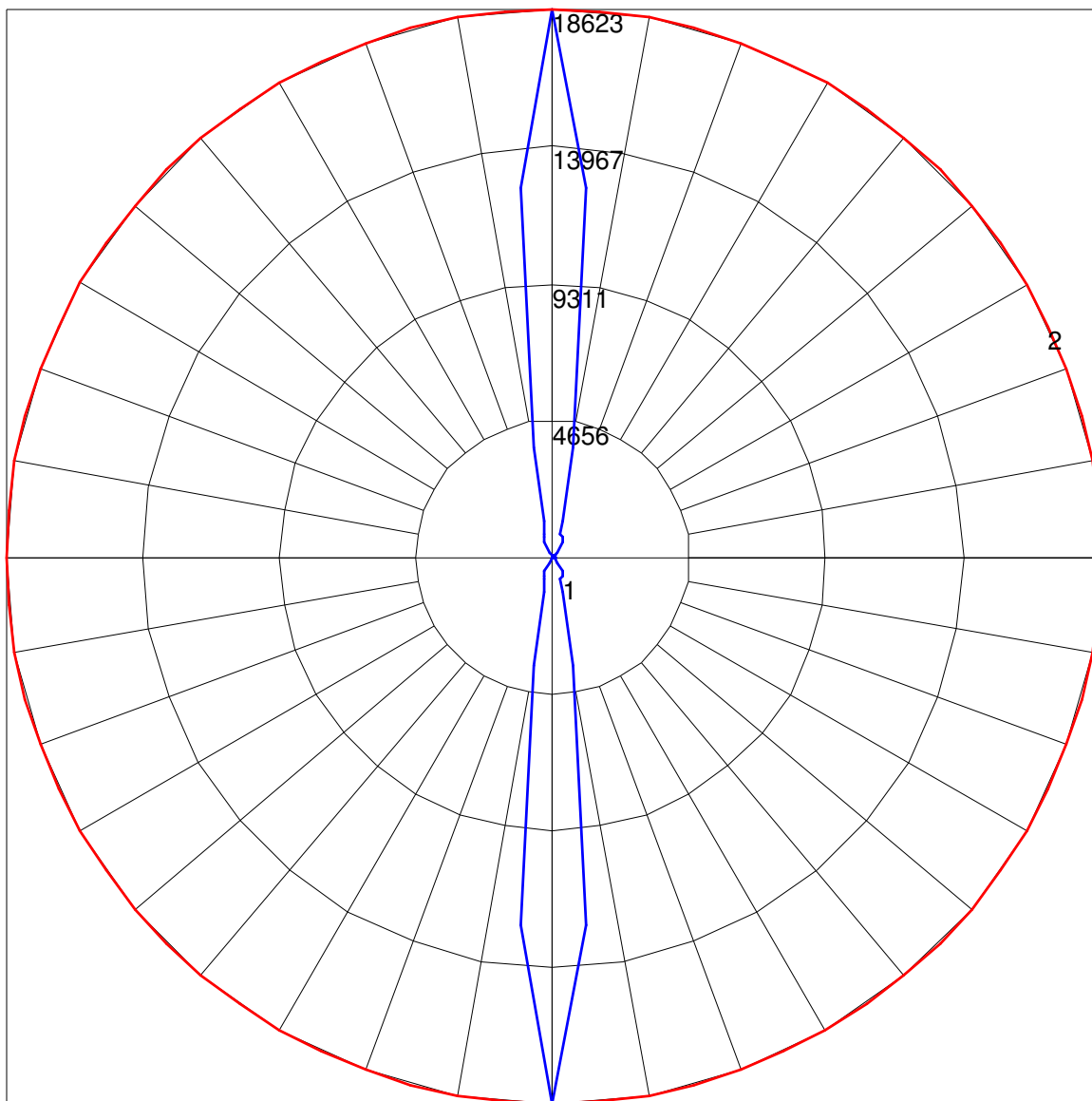
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1007.2	25.0
Downward House Side	1007.2	25.0
Downward Total	2014.4	50.0
Upward Street Side	1007.2	25.0
Upward House Side	1007.2	25.0
Upward Total	2014.4	50.0
Total Flux	4028.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-950U-L20-950D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 18622.911 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

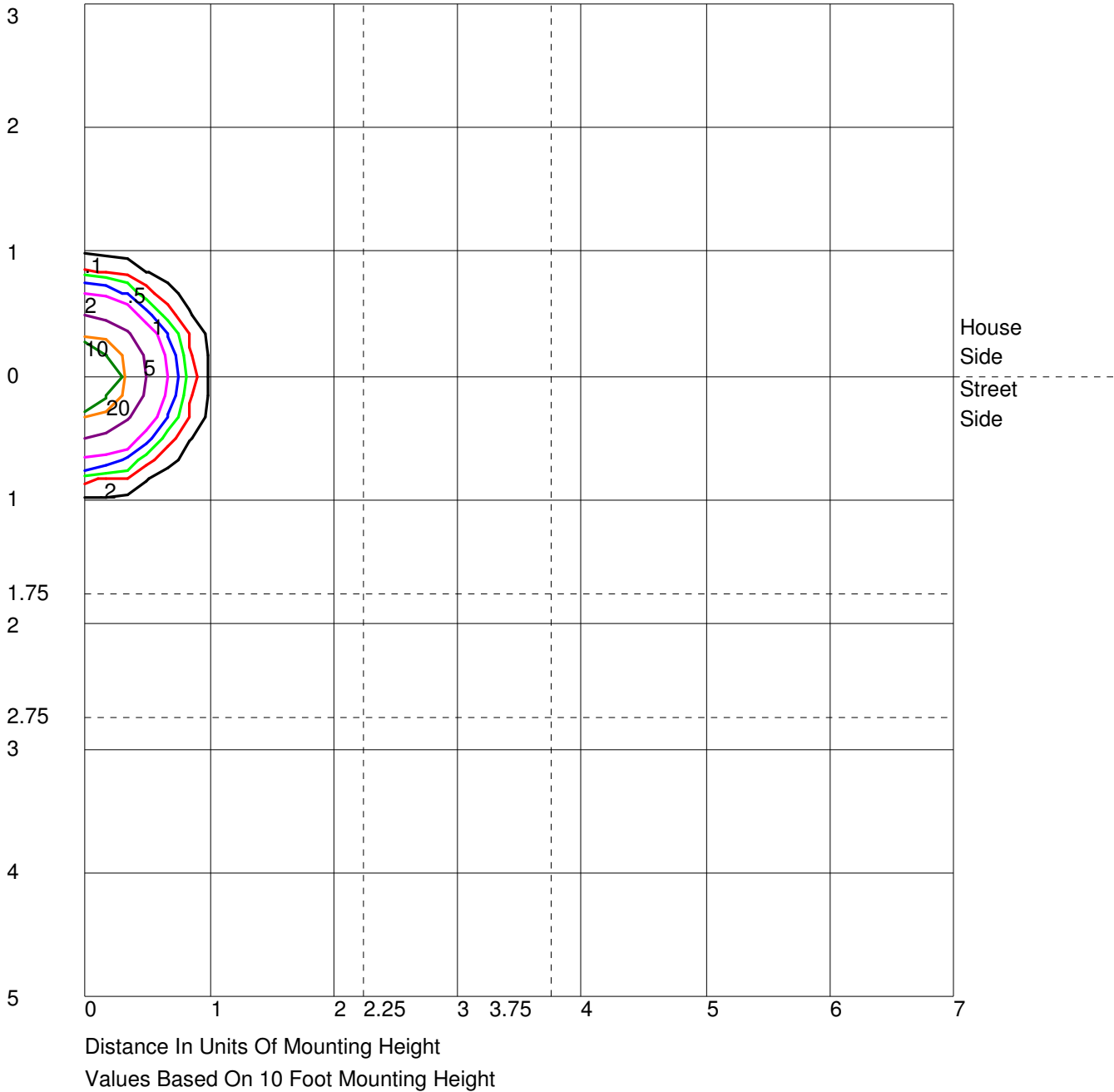


PHOTO LUMENS

