

ACI-3022 Addendum to Datasheet
10/24/2019
Display: AUO G240UAN01.0 24"
Dual I-Drive5 Solution

Voltage Index	lcntl(V)	BL Step#	lout(%)	Theoretical lout for single driver (mA)	Theoretical Brightness (%)
0	0.000		0.00	0.00	0.00
1	0.020		0.00	0.00	0.00
2	0.039		0.00	0.00	0.00
3	0.059		0.00	0.00	0.00
4	0.078		0.00	0.00	0.00
5	0.098		0.00	0.00	0.00
6	0.117		0.00	0.00	0.00
7	0.137		0.00	0.00	0.00
8	0.156		0.00	0.00	0.00
9	0.176		0.00	0.00	0.00
10	0.195		0.00	0.00	0.00
11	0.215		0.00	0.00	0.00
12	0.234		0.00	0.00	0.00
13	0.254		0.00	0.00	0.00
14	0.273		0.00	0.00	0.00
15	0.293		0.00	0.00	0.00
16	0.313		0.00	0.00	0.00
17	0.332		0.00	0.00	0.00
18	0.352		0.00	0.00	0.00
19	0.371		0.00	0.00	0.00
20	0.391		0.00	0.00	0.00
21	0.410		0.00	0.00	0.00
22	0.430		0.00	0.00	0.00
23	0.449		0.00	0.00	0.00
24	0.469		0.00	0.00	0.00
25	0.488		0.00	0.00	0.00
26	0.508		0.00	0.00	0.00
27	0.527		0.00	0.00	0.00
28	0.547		0.00	0.00	0.00
29	0.566		0.00	0.00	0.00
30	0.586		0.00	0.00	0.00
31	0.605	1	0.29	0.58	0.29
32	0.625	1	0.29	0.58	0.29
33	0.645	1	0.29	0.58	0.29
34	0.664	2	0.34	0.67	0.34
35	0.684	2	0.34	0.67	0.34
36	0.703	2	0.34	0.67	0.34
37	0.723	3	0.36	0.72	0.36
38	0.742	3	0.36	0.72	0.36
39	0.762	3	0.36	0.72	0.36

Voltage Index	Icmtl(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
40	0.781	4	0.39	0.78	0.39
41	0.801	4	0.39	0.78	0.39
42	0.820	4	0.39	0.78	0.39
43	0.840	5	0.43	0.87	0.43
44	0.859	5	0.43	0.87	0.43
45	0.879	5	0.43	0.87	0.43
46	0.898	6	0.46	0.93	0.46
47	0.918	6	0.46	0.93	0.46
48	0.938	6	0.46	0.93	0.46
49	0.957	7	0.52	1.04	0.52
50	0.977	7	0.52	1.04	0.52
51	0.996	7	0.52	1.04	0.52
52	1.016	8	0.55	1.10	0.55
53	1.035	8	0.55	1.10	0.55
54	1.055	8	0.55	1.10	0.55
55	1.074	9	0.58	1.16	0.58
56	1.094	9	0.58	1.16	0.58
57	1.113	9	0.58	1.16	0.58
58	1.133	10	0.64	1.28	0.64
59	1.152	10	0.64	1.28	0.64
60	1.172	10	0.64	1.28	0.64
61	1.191	11	0.72	1.45	0.72
62	1.211	11	0.72	1.45	0.72
63	1.230	11	0.72	1.45	0.72
64	1.250	12	0.78	1.57	0.78
65	1.270	12	0.78	1.57	0.78
66	1.289	12	0.78	1.57	0.78
67	1.309	13	0.84	1.68	0.84
68	1.328	13	0.84	1.68	0.84
69	1.348	13	0.84	1.68	0.84
70	1.367	14	0.93	1.86	0.93
71	1.387	14	0.93	1.86	0.93
72	1.406	14	0.93	1.86	0.93
73	1.426	15	1.01	2.03	1.01
74	1.445	15	1.01	2.03	1.01
75	1.465	15	1.01	2.03	1.01
76	1.484	16	1.10	2.20	1.10
77	1.504	16	1.10	2.20	1.10
78	1.523	16	1.10	2.20	1.10
79	1.543	17	1.22	2.43	1.22
80	1.563	17	1.22	2.43	1.22
81	1.582	17	1.22	2.43	1.22
82	1.602	18	1.30	2.61	1.30
83	1.621	18	1.30	2.61	1.30
84	1.641	18	1.30	2.61	1.30

Voltage Index	Icmtl(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
85	1.660	19	1.42	2.84	1.42
86	1.680	19	1.42	2.84	1.42
87	1.699	19	1.42	2.84	1.42
88	1.719	20	1.57	3.13	1.57
89	1.738	20	1.57	3.13	1.57
90	1.758	20	1.57	3.13	1.57
91	1.777	21	1.71	3.42	1.71
92	1.797	21	1.71	3.42	1.71
93	1.816	21	1.71	3.42	1.71
94	1.836	22	1.86	3.71	1.86
95	1.855	22	1.86	3.71	1.86
96	1.875	22	1.86	3.71	1.86
97	1.895	23	2.03	4.06	2.03
98	1.914	23	2.03	4.06	2.03
99	1.934	23	2.03	4.06	2.03
100	1.953	24	2.23	4.46	2.23
101	1.973	24	2.23	4.46	2.23
102	1.992	24	2.23	4.46	2.23
103	2.012	25	2.46	4.93	2.46
104	2.031	25	2.46	4.93	2.46
105	2.051	25	2.46	4.93	2.46
106	2.070	26	2.67	5.33	2.67
107	2.090	26	2.67	5.33	2.67
108	2.109	26	2.67	5.33	2.67
109	2.129	27	2.90	5.80	2.90
110	2.148	27	2.90	5.80	2.90
111	2.168	27	2.90	5.80	2.90
112	2.188	28	3.19	6.38	3.19
113	2.207	28	3.19	6.38	3.19
114	2.227	28	3.19	6.38	3.19
115	2.246	29	3.48	6.96	3.48
116	2.266	29	3.48	6.96	3.48
117	2.285	29	3.48	6.96	3.48
118	2.305	30	3.83	7.65	3.83
119	2.324	30	3.83	7.65	3.83
120	2.344	30	3.83	7.65	3.83
121	2.363	31	4.20	8.41	4.20
122	2.383	31	4.20	8.41	4.20
123	2.402	31	4.20	8.41	4.20
124	2.422	32	4.64	9.28	4.64
125	2.441	32	4.64	9.28	4.64
126	2.461	32	4.64	9.28	4.64
127	2.480	33	5.07	10.14	5.07
128	2.500	33	5.07	10.14	5.07
129	2.520	33	5.07	10.14	5.07

Voltage Index	Icmtl(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
130	2.539	34	5.51	11.01	5.51
131	2.559	34	5.51	11.01	5.51
132	2.578	34	5.51	11.01	5.51
133	2.598	35	6.09	12.17	6.09
134	2.617	35	6.09	12.17	6.09
135	2.637	35	6.09	12.17	6.09
136	2.656	36	6.67	13.33	6.67
137	2.676	36	6.67	13.33	6.67
138	2.695	36	6.67	13.33	6.67
139	2.715	37	7.25	14.49	7.25
140	2.734	37	7.25	14.49	7.25
141	2.754	37	7.25	14.49	7.25
142	2.773	38	7.97	15.94	7.97
143	2.793	38	7.97	15.94	7.97
144	2.813	38	7.97	15.94	7.97
145	2.832	39	8.70	17.39	8.70
146	2.852	39	8.70	17.39	8.70
147	2.871	39	8.70	17.39	8.70
148	2.891	40	9.57	19.13	9.57
149	2.910	40	9.57	19.13	9.57
150	2.930	40	9.57	19.13	9.57
151	2.949	41	10.43	20.87	10.43
152	2.969	41	10.43	20.87	10.43
153	2.988	41	10.43	20.87	10.43
154	3.008	42	11.59	23.19	11.59
155	3.027	42	11.59	23.19	11.59
156	3.047	42	11.59	23.19	11.59
157	3.066	43	12.61	25.22	12.61
158	3.086	43	12.61	25.22	12.61
159	3.105	43	12.61	25.22	12.61
160	3.125	44	13.91	27.83	13.91
161	3.145	44	13.91	27.83	13.91
162	3.164	44	13.91	27.83	13.91
163	3.184	45	15.36	30.72	15.36
164	3.203	45	15.36	30.72	15.36
165	3.223	45	15.36	30.72	15.36
166	3.242	46	16.67	33.33	16.67
167	3.262	46	16.67	33.33	16.67
168	3.281	46	16.67	33.33	16.67
169	3.301	47	18.41	36.81	18.41
170	3.320	47	18.41	36.81	18.41
171	3.340	47	18.41	36.81	18.41
172	3.359	48	20.14	40.29	20.14
173	3.379	48	20.14	40.29	20.14
174	3.398	48	20.14	40.29	20.14

Voltage Index	Icmt(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
175	3.418	49	22.03	44.06	22.03
176	3.438	49	22.03	44.06	22.03
177	3.457	49	22.03	44.06	22.03
178	3.477	50	24.35	48.70	24.35
179	3.496	50	24.35	48.70	24.35
180	3.516	50	24.35	48.70	24.35
181	3.535	51	26.81	53.62	26.81
182	3.555	51	26.81	53.62	26.81
183	3.574	51	26.81	53.62	26.81
184	3.594	52	29.86	59.71	29.86
185	3.613	52	29.86	59.71	29.86
186	3.633	52	29.86	59.71	29.86
187	3.652	53	32.75	65.51	32.75
188	3.672	53	32.75	65.51	32.75
189	3.691	53	32.75	65.51	32.75
190	3.711	54	35.94	71.88	35.94
191	3.730	54	35.94	71.88	35.94
192	3.750	54	35.94	71.88	35.94
193	3.770	55	39.71	79.42	39.71
194	3.789	55	39.71	79.42	39.71
195	3.809	55	39.71	79.42	39.71
196	3.828	55	39.71	79.42	39.71
197	3.848	55	39.71	79.42	39.71
198	3.867	56	43.77	87.54	43.77
199	3.887	56	43.77	87.54	43.77
200	3.906	56	43.77	87.54	43.77
201	3.926	56	43.77	87.54	43.77
202	3.945	56	43.77	87.54	43.77
203	3.965	57	48.70	97.39	48.70
204	3.984	57	48.70	97.39	48.70
205	4.004	57	48.70	97.39	48.70
206	4.023	57	48.70	97.39	48.70
207	4.043	57	48.70	97.39	48.70
208	4.063	58	53.62	107.25	53.62
209	4.082	58	53.62	107.25	53.62
210	4.102	58	53.62	107.25	53.62
211	4.121	58	53.62	107.25	53.62
212	4.141	58	53.62	107.25	53.62
213	4.160	59	59.42	118.84	59.42
214	4.180	59	59.42	118.84	59.42
215	4.199	59	59.42	118.84	59.42
216	4.219	59	59.42	118.84	59.42
217	4.238	59	59.42	118.84	59.42
218	4.258	60	65.51	131.01	65.51
219	4.277	60	65.51	131.01	65.51

Voltage Index	Icmtl(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
220	4.297	60	65.51	131.01	65.51
221	4.316	60	65.51	131.01	65.51
222	4.336	60	65.51	131.01	65.51
223	4.355	61	72.46	144.93	72.46
224	4.375	61	72.46	144.93	72.46
225	4.395	61	72.46	144.93	72.46
226	4.414	61	72.46	144.93	72.46
227	4.434	61	72.46	144.93	72.46
228	4.453	62	80.58	161.16	80.58
229	4.473	62	80.58	161.16	80.58
230	4.492	62	80.58	161.16	80.58
231	4.512	62	80.58	161.16	80.58
232	4.531	62	80.58	161.16	80.58
233	4.551	63	89.28	178.55	89.28
234	4.570	63	89.28	178.55	89.28
235	4.590	63	89.28	178.55	89.28
236	4.609	63	89.28	178.55	89.28
237	4.629	63	89.28	178.55	89.28
238	4.648	64	100.00	200.00	100.00
239	4.668	64	100.00	200.00	100.00
240	4.688	64	100.00	200.00	100.00
241	4.707	64	100.00	200.00	100.00
242	4.727	64	100.00	200.00	100.00
243	4.746		0.00	0.00	0.00
244	4.766		0.00	0.00	0.00
245	4.785		0.00	0.00	0.00
246	4.805		0.00	0.00	0.00
247	4.824		0.00	0.00	0.00
248	4.844		0.00	0.00	0.00
249	4.863		0.00	0.00	0.00
250	4.883		0.00	0.00	0.00
251	4.902		0.00	0.00	0.00
252	4.922		0.00	0.00	0.00
253	4.941		0.00	0.00	0.00
254	4.961		0.00	0.00	0.00
255	4.980		0.00	0.00	0.00
256	5.000		0.00	0.00	0.00

Voltage Index	Icctl(V)	BL Step#	Iout(%)	Theoretical Iout for single driver (mA)	Theoretical Brightness (%)
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