

# MAC TW1™

## Software

### Main CPU

2007-04-04

ID: 5189 User support

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#### **Version 1.3.0**

Changes since version 1.2.0

- 80V dimmer control improved.
- IGBT dimmer improved when running on generator power or unstable mains.
- Lamp explosion made less sensitive, v1.2.0 would sometimes enter LAEX mode without the lamp being blown.
- LAEX retest added. If lamp enters LAEX mode, the lamp is retested every 10 seconds, and if light is detected, the fixture leaves LAEX mode.

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#### **Version 1.2.0**

Changes since version 1.1.0

- 80V dimmer curves adjusted.
- All menu options and shortcuts causing fixture reset, has been blocked when LAEX mode is active.
- Better frequency tracking, IGBT dimmer now accepts a frequency change rate of up to 1Hz/sec.
- Electronic dimmer tracking removed, making fade times more accurate.
- Lamp explosion (LAEX) mode made less sensitive, condition now has to be present for at least 5 seconds, before the fixture enters explosion mode.

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#### **Version 1.1.0**

Changes since version 1.0.0

- Improved fan control.
- Lamp LED now also turns off during HTCO error.
- Head temperature cut off "HTCO" error no longer makes the fixture enter explosion mode.
- Head temperature cut off "HTCO" raised from 85 to 95 degrees celcius.
- CMY current raised in all modes to prevent step-loss.

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#### **Version 1.0.0**

- Initial release

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