CLAYPAKY
AN OSRAM BUSINESS

PRODUCTS *PRODOTTI*	STORMY STORMY CC

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Key / *Legenda*

	Grey background *Sfondo grigio*	The firmware is not suitable for the fixture. *Il firmware non è idoneo per il prodotto.*
●	Green background with dot *Sfondo verde con punto*	The firmware is the latest one available for the fixture and includes changes from the previous version for the same fixture. *Il firmware è l'ultima versione disponibile per il prodotto e include modifiche rispetto alla versione precedente per il medesimo prodotto.*
	Green background *Sfondo verde*	The firmware is the latest one available for the fixture but it does not include any changes from the previous version for the same fixture. *Il firmware è l'ultima versione disponibile per il prodotto ma non contiene alcuna modifica rispetto alla precedente versione per il medesimo prodotto.*
●	White background with dot *Sfondo bianco con punto*	The firmware includes changes from the previous version for the fixture but one (or more) newer version(s) is (are) currently available for the same fixture. *Il firmware include modifiche rispetto alla precedente versione per il prodotto, ma al momento è disponibile una (o più) versione(i) aggiornata(e) per il medesimo prodotto.*
	White background *Sfondo bianco*	The firmware is suitable for the fixture but it does not include any changes from the previous version and newer versions are available for the same fixture. *Il firmware è idoneo per il prodotto ma non contiene alcuna modifica rispetto alla precedente versione e sono disponibili versioni aggiornate per il medesimo prodotto.*

►► CPU Application Firmware

✓ to be uploaded on the fixture before the LED Driver firmware
✓ *da caricare sul proiettore prima del LED Driver firmware*

ELECTRONIC BOARD *SCHEDA ELETTRONICA*	TYPE / *TIPO* **CP0163**	DESCRIPTION / *DESCRIZIONE* CPU board / *Scheda CPU*
	CP PART NUMBER / *CODICE CP* **SCH01Q**	
	IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION ➜ SYSTEM VERSION MENU) *IDENTIFICAZIONE SUL DISPLAY DEL PROIETTORE (MENÙ INFORMATION ➜ SYSTEM VERSION)* CPU board	

Filename *Nome file*	Nameroot / *radice del nome* STORMY_FW_	Revision / *Revisione* N.N.NNN	Extension / *Estensione* **.img**

Upload system *Metodo di caricamento*	Fixture-to-Fixture *da proiettore a proiettore* ■	**F**irmware**U**p**L**oader (C61206 kit) ■

REVISION *REVISIONE* DATE *DATA*	DESCRIPTION *DESCRIZIONE*	STORMY	STORMY CC
1.1.054 *December 2018*	Identification in fixture's Menù / *Identificazione nel menu del proiettore*: Strobe firmware **1.1.054** • Improved RDM management.	●	●
1.1.053 *May 2018*	• Improved performances of ''Duration channels''.		●
1.1.052 *September 2017*	• **Stormy**: Introduced the possibility to deactivate the "Xenon" effect using the Macro DMX channel. So new macro parameters: 0-3 bit Macro Off, 3-5 bit Xenon effect OFF. • **Stormy**: Improved the Random Strobe effects into the macro parameter. • **Stormy e CC** : Fixed a bug of display visualization into advanced menu.	●	●

REVISION *REVISIONE* DATE *DATA*	DESCRIPTION *DESCRIZIONE*	STORMY	STORMY CC
1.1.050 *June 2015*	• In **Stormy CC**: In Extended mode only, fixed unwanted, random OFF commands sent to to the background strobe channel.		●
1.1.049 *June 2015*	• Dimmer curve 2 set as default; the lower end of curve 2 was adapted to match the lower end of dimmer curve 1. • Fixed a bug that could sometimes cause a firmware update failure if the master unit's driver firmware had been updated previously. • Cooling fans in the main body renamed "Head" in the "Fans Monitor". • Fixed bug on the "rate" parameter that was causing the foreground dimmer not to be forced to 0 when needed • Introduced channel-specific minimum threshold value for intensity, this also forces all the color channels to 0 when all said values are below their threshold. • Improved the DMX reception when the starting channels were higher than 504. • Possible loss of ON / OFF commands for the color channels prevented, ==when used in combination with LED driver's FW release 3.017==. • Presets are not reset anymore after a "Reset to default" command is used. • In **Stormy CC**: Added Extended DMX mode, macros to be implemented in a later step.	●	●
1.1.035 *January 2015*	• Improved internal controls and updated the graphic library to prevent undue warning displays. • Added short-cuts to set maximum and minimum values of numbers range into the user menu. • Added FUL command to set the Fixture hours. • Implemented the cooling fans speed management. • In **Stormy CC**: Added driver management for the Independent mode.	●	●
1.1.033 *January 2015*	• Optimized LEDs functionality in few specific conditions (for example after a long while they remain continuously on at full power.	●	●
1.1.032 *December 2014*	• Temporary firmware release including several operational improvements in early production batches, among them: in **STORMY** (not in CC version) has been deleted the menu item "Led Mode" and has been added the "Xenon Mode" which include a new Macro channel.	●	●
1.1.022 *September 2014*	• Temporary firmware release which includes few operational improvements in early batches of **STORMY** and **STORMY CC**.	●	●
1.1.017 *August 2014*	• Temporary firmware release which solves few known malfunctioning in early batches of **STORMY** and **STORMY CC**.	●	●

►► LED Driver Firmware

✓ to be uploaded on the fixture <u>after</u> the CPU Application firmware
✓ after the firmware upload, it is necessary to manually switch the fixture off and on again to activate the updating
✓ *da caricare sul proiettore dopo il CPU Application firmware*
✓ *dopo aver caricato il firmware può essere necessario spegnere e riaccendere il proiettore per attivare l'aggiornamento*

ELECTRONIC BOARD / SCHEDA ELETTRONICA	DESCRIPTION / *DESCRIZIONE*
	AC/DC LED Strobe Driver 4x225W
	CP PART NUMBER / *CODICE CP*
	ALI00B

Filename *Nome file*	Nameroot / *radice del nome*	Revision / *Revisione*	Extension / *Estensione*
	STORMY_FW1_	N.NN	**.img**

Upload system *Metodo di caricamento*	**F**irmware**UpL**oader (C61206 kit)
	■

REVISION *REVISIONE* DATE *DATA*	DESCRIPTION *DESCRIZIONE*	STORMY	STORMY CC
3.17 *April 2015*	Identification in fixture's Menù / *Identificazione nel menu del proiettore*: Driver firmware **3.17** • Prevented a possible loss of ON / OFF commands to the colour channels.	●	●
3.08 *December 2014*	• Improved zero-crossing synchronization.	●	●
3.07 *October 2014*	• Optimized start-up process when the ambient temperature is lower than 0°C (32°F).	●	●
3.06 *September 2014*	• Improved reliability of serial messages communication to prevent flashing irregularities.	●	●
3.05 *August 2014*	• First official firmware release for **STORMY** and **STORMY CC**.	●	●