

Product Change Notification

PCN Number	PCN-2023-TRA01
PCN Title	Firmware upgrade and QoL
PCN Date	07/11/2023
Type of Change	☐ End of Life Notification ☒ Datasheet / Specification Change ☐ Design Change ☐ Other

Products Affected	
Product Series	Datasheet Link
PULSESTAR White-Light Series	https://www.raytecled.com/products/pulsestar-pstr-wl-2/
PULSESTAR Infra-Red Series	https://www.raytecled.com/products/pulsestar-pstr-ir-2/

Change Detail	
Description of Change	- IR limits defaults changed to 600% brightness. 1ms pulse, 20ms retrigger. - Datasheet tables updated to reflect the changes 50W max details added to user guides along with calculation - Engineer Guide changed to reflect this. - New internal pulse configuration to allow individual channels to be trigger internally - Engineer guide update to reflect this. - Bracket update on 72 to use new Adaptive Illumination (AI) triple bracket - General update to documentation
Reason for Change	- Firmware upgrade for increased platform stability - Product quality of life improvements & line rationalisation
Implementation Plan	- All products shipping from 13/11/2023 will feature the updated firmware. - For existing products, firmware will be available to download from the website.
Recommendations	Customers encouraged to update to the latest firmware version V81 or higher. No other action required.

Approvals				
	Name	Signed	Title	Date
Issued by	Ellis McCoy		Product Line Manager	08/11/2023
Approved by	Sarah Shires		Sales Manager	09/11/23

Appendix 1 – Part codes affected

PULSESTAR Infra-Red Series 850nm- Universal 100-230V AC

PSTR-i96-HV
PSTR-i96-HV-F
PSTR-i72-HV
PSTR-i48-HV

PSTR-i32-HV
PSTR-i24-HV

PULSESTAR Infra-Red Series 850nm- Low Voltage 24V DC

PSTR-i96-LV
PSTR-i96-LV/06402
PSTR-i96-LV/0640
PSTR-i72-LV
PSTR-i48-LV
PSTR-i32-LV
PSTR-i24-LV

PULSESTAR White-Light Series - Universal 100-230V AC

PSTR-w96-HV
PSTR-w72-HV
PSTR-w48-HV
PSTR-w32-HV

PSTR-w24-HV
PSTR-w24-HV-120120

PULSESTAR White-Light Series - Low Voltage 24V DC

PSTR-w96-LV
PSTR-w72-LV
PSTR-w48-LV
PSTR-w48-LV-MST
PSTR-w48-NC
PSTR-w32-LV
PSTR-w24-LV

PULSESTAR Infra-Red Series 730nm- Universal 100-230V AC

PSTR-i96-HV-730NM
PSTR-i72-HV-730NM
PSTR-i48-HV-730NM
PSTR-i32-HV-730NM
PSTR-i24-HV-730NM

PULSESTAR Infra-Red Series 940nm- Universal 100-230V AC

PSTR-i96-HV-C
PSTR-i72-HV-C
PSTR-i48-HV-C
PSTR-i32-HV-C
PSTR-i24-HV-C

PULSESTAR Infra-Red Series 730nm- Low Voltage 24V DC

PSTR-i96-LV-730NM
PSTR-i72-LV-730NM
PSTR-i48-LV-730NM
PSTR-i32-LV-730NM
PSTR-i24-LV-730NM

PULSESTAR Infra-Red Series 940nm- Low Voltage 24V DC

PSTR-i96-LV-C
PSTR-i72-LV-C
PSTR-i48-LV-C
PSTR-i32-LV-C
PSTR-i24-LV-C

PSTR-4CHNL-CNTR-RT420-20

PSTR-4CHNL-CNTR-LV-MST
PSTR-4CHNL-CNTR-LV
PSTR-150W-4CHNL-CNTR-HV

PULSESTAR Hybrid Series

PSTR-hy72-LV-MST
PSTR-hy32-HV-YB1
PSTR-VLK-hy32-2