

Steady State, 1Ch, 3A, PAD2 1135/3

This package consists of:

- PAD2 1135/3, Steady State control unit
- Power/Trigger cable, 5m

Specifications	
Voltage supply	24VDC (±10%)
Current requirement	max. 2,5A
Protection class	IP30
Operation temperature	0°C+65 °C
Storage temperature	-40°C....+80 °C
Storage humidity	max. 80%
Power output	max. 3A
Light intensity	0 to 100%.
Trigger pulselength	max. 5 sec

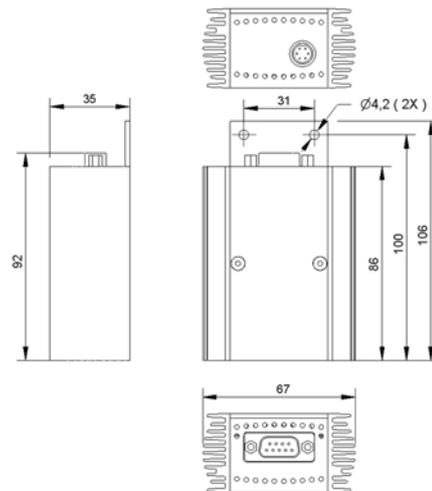
Warning!

Do not connect to other than 24 V DC

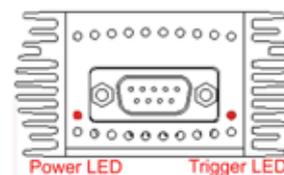
Power/trigger cable		
Yellow	24 VDC	Pin 1, 2
Brown	0 V	Pin 3, 4
Green	Trigger +	Pin 8
White	Trigger -	Pin 9

Trigger input: Optical isolated

Trigger range: 5-24VDC, 20mA



LED indication

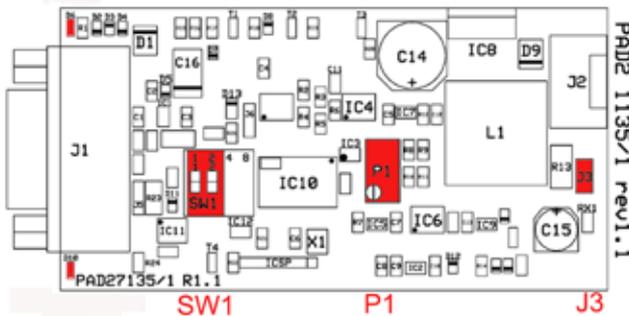


Light head connector:

Pull back the spring-loaded housing before connecting and disconnecting.

Adjustment:

Open the units by unscrewing top cover.



Light intensity, P1:

Turning P1 anti-clockwise will decrease the light intensity.

Default value: 100%.

LATAB recommend to reduce the light intensity as much as possible to increase lifetime.

360 degr (1 turn) is equal to about 5%.

Current measurement, J3:

The output current (light intensity) can be measured by connecting a voltmeter to "J3".

100mV is equal to 1A.

For example:

A voltage of 30mV correspond to a current of 300mA.

Long flash mode.

This unit can be remotely controlled, ON/OFF, by using the long flash (LF) mode, turning ON and OFF the light by a triggering signal.

As long as a trigger signal is on the light is on and when the trigger signal is off the light is off.

200% light intensity.

At long flash mode it is possible to extend the light intensity to 200%.

At double intensity, 200% (DI) mode, the maximum ON-time is five seconds after which the controller automatically turns OFF the light head for five seconds.

This cooling state is indicated by flashing the Power LED.

Long flash mode setting, SW1:

SW1-1 = OFF = Normal steady state mode.

SW1-1 = ON = Long flash (LF) mode.

SW1-2 = OFF = 100% light intensity.

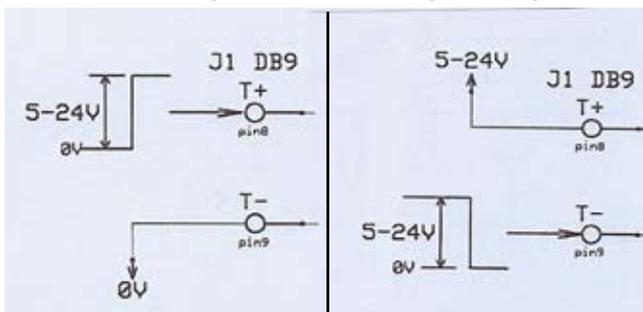
SW1-2 = ON = 200% light intensity (DI mode).
(Only at LF-mode)

Trigger pulse is necessary for long flash mode.

Trigger configuration

Positive edge

Negativ edge



EEC compatibility:

This product, PAD2 1135/3 follow the EG-directive for EMC-compatibility, 89/7336, additional 93/21/EEG and 93/86/EEG