

Steady State, 1Ch, 1A, PAD2 2135/1 External Dimmer

This package consists of:

- PAD2 2135/1, Steady State control unit
- Power/trigger cable, 5m

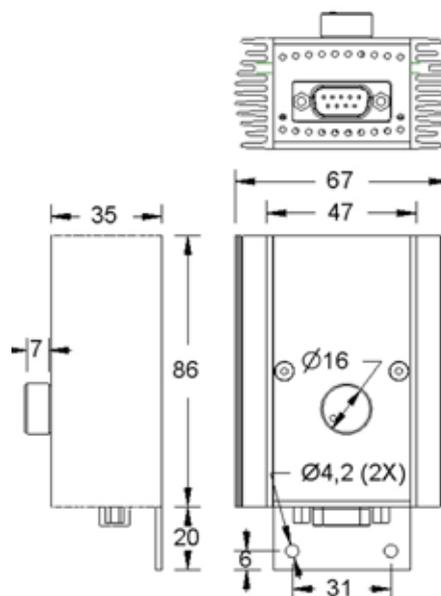
Specifications	
Voltage supply	24Vdc (±10%)
Current requirement	max. 1A
Protection class	IP30
Operation temperature	0°C+65 °C
Storage temperature	-40°C....+80 °C
Storage humidity	max. 80%
Power output	max. 1A
Light intensity	0 to 100%
Trigger pulselength	max. 5 sec

Warning!

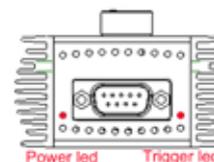
Do not connect to other than 24 V DC

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

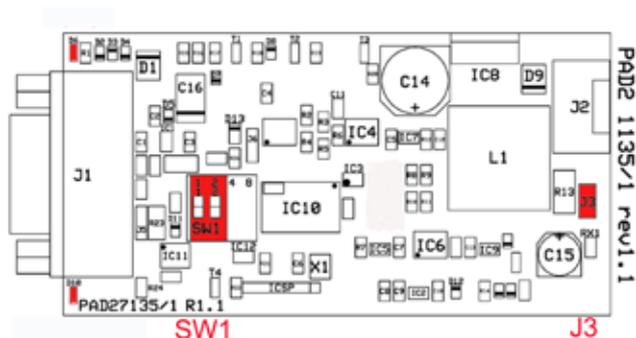


Light head connector:

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

Adjustment:

Open the units by unscrewing top cover



Light intensity by external potentiometer:

Turning the external potentiometer anti-clockwise will decrease the light intensity.

The external potentiometer has only 1 turn and by this the intensity can be adjusted from 0 to 100%.

LATAB recomend to reduce the light intensity as much as possible at installation.

Current measurement, J3:

The output current (light intensity) can be measured by connecting a voltmeter to "J3". 100mV is equal to 1A.

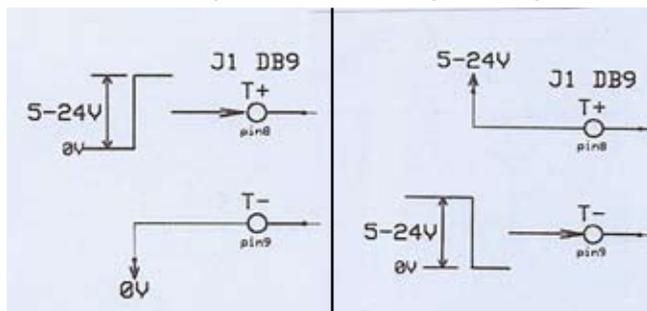
For example:

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

Trigger configuration

Positive edge

Negativ edge



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 os on and when the trigger signal is of 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.

Mode setting SW1

SW1-1 = OFF = Normal steady state mode

SW1-1 = ON = Long flash mode

SW1-2 = OFF = 100 % light intensity

SW1-2 = ON = 200 % light intensity

Trigger pulse is necessary for long flash mode

EEC compatibility:

This product, PAD3 1135/1 follow the EG-directive for EMC-compatibility, 89/7336, additional 93/21/EEG and 93/86/EEG