

# USER'S GUIDE

## SWRTPL1000

### INTRODUCTION

This note contains all the instructions and precautions for safe set up and optimal use of product.

Warning: we are not responsible if items below would not be respected and in this case, TPL Vision's guarantee could not be applied for this product.

### SAFETY AND OPERATING INFORMATION

Class III product

Produit IP20

Operating temperature 0°C à 40°C

Power supply 24VDC+/- 10%, if this is not respected, you may damage the product and/or the user may be electrocuted

Observe the power supply voltages and terminal plug in

Do not modify the product even partially

Do not clean while operating

Do not cover with a heat insulation or do not lock in a sealed area



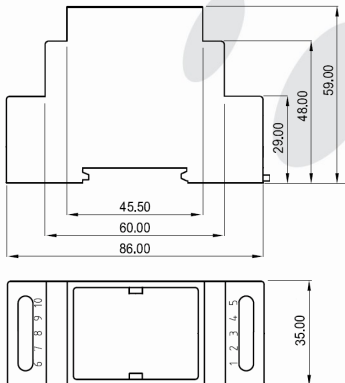
### PACKAGING / SHIPPING / RECEPTION

The product is packaged in our factory using appropriate boxes and packages. They are made to avoid damages during transportation.

However a damaged parcel should be reported to the carrier upon receipt and stated officially at its reception (as a "reserve"). Then, please report by writing to TPL VISION as soon as possible. (at least within 24 hours after the package reception). Any package damaged during transportation will not be taken back or replaced if it has not been reported on the travel voucher and to TPL VISION on time.

When you open the bag containing the product, any cutting blade should be avoided so as not to damage the product.

All accessories included in the package must be used if necessary (do not use other products or equivalent to replace the accessories supplied).



### MECHANICAL INSTALLATION

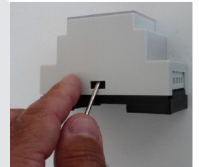
The product must be installed when is not electrically connected.  
DIN rail mounting.

### ELECTRICAL WIRING

- 1- Turn off overall system 24 VDC power supply
- 2- Make all connections (power off) regarding diagram overleaf

### OPENING THE BOX:

Slide a screwdriver in the slot (see photo).  
Make 1/4 of a turn to clear the block dip of the base. The box is then easily separated from its base.



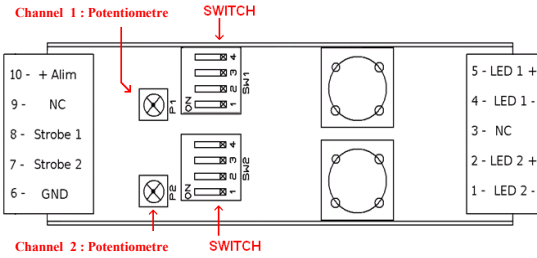
### CLEANING (PRODUCT TURNED OFF):

Use a soft, dry cloth.

Do not use solvents or chemicals.

Do not use abrasive cleaning products.

## SETTINGS:

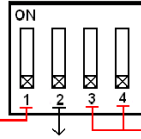


Potentiometers allows adjust brightness of light power by the associated channel. They only work when channel's strobe mode is activated.

## SWITCHES setting:

Strobe activation :  
ON Activate, OFF Disable

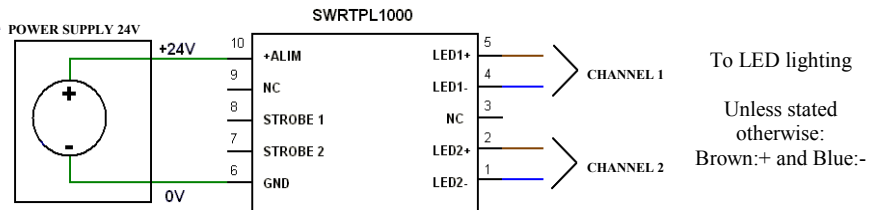
Strobe disable by default



Setting of output current :

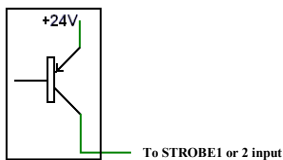
3	4	Output current
OFF	OFF	350 mA
ON	OFF	700 mA
OFF	ON	700 mA
ON	ON	1 A

## WIRING:

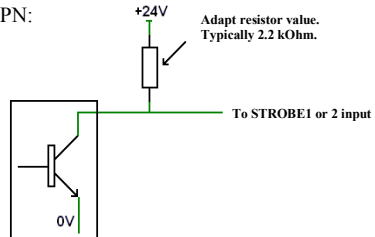


## Strobe wiring example :

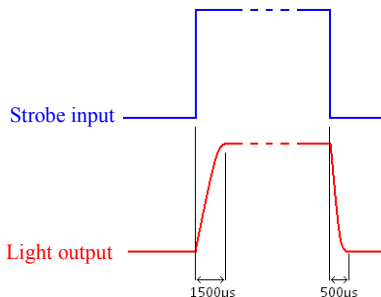
- Output type PNP:



- Output type NPN:



## CHRONOGRAMS Strobe mode:



Power supply: 24V +/- 10%

Strobe input: 24V or 5V TTL

Rising time max: 1,5 ms

Falling time max: 0.5ms

Frequency max: 500Hz