

## 1 CHANNEL POWER SUPPLY THINLED DRIVE



### Description :

The supply in regulated current limits the LEDs lighting drifts because of the temperature and power supply purposes.

The fast rising time allows the user to trig simultaneously LEDs and Camera even with low shutter times (for example : 100µs trigger gives less than 10% repetatibility mistakes)

### How to use it :

This power supply works from 7 to 28VDC so that it can be plugged either with 12 VDC and 24VDC power supplies.

The ThinLED Drive is protected from polarization inversion on inputs which prevents from destruction when wrongly plugged

This power supply has one optocoupler input that drives directly the output.

The trigger input can be driven either by NPN or PNP signals.

Plugg ins are really easy: the cathode to 0V for PNP or the anode to 24V for NPN.

### Order reference :

1 strobed channel power supply - fixed current	<b>THLCCPD1SYNCP</b>
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### Order references in relation with the product :

5 strobed channels power supply - synchronic - fixed current	<b>THLCCPD5SYNCP</b>
5 strobed channels power supply - asynchronous - fixed current	<b>THLCCPD5ASYCP</b>
THINLED 4 LEDs spot light	<b>THLFL030SP4xxx</b>
THINLED 1 LED spot light	<b>THLFL030SP1xxx</b>

	THINLED P.S.	Comments
<b>Electric specifications</b>		
Power supply	From 7 to 28 V	
Power consumption	2W max	0.5 W at rest / 18W on top
Strobe mode voltage	From 5 V to 28 V	
Output current	700mA	
Strobe signal frequency	5 kHz max	
Maximum rise time	10 µs	
Maximum fall time	10 µs	
Power ripple in the LEDs	5 % max	
Maximum duty cycle	10 % max	
Included accessories	/	
<b>Mechanical specifications</b>		
Dimensions	86 x 35 x 59 mm	
Weight	60 g	
<b>Environment</b>		
Operating temperature	0-40°C	
Storage temperature	0-60°C	
IP class	IP20	
Labels	RoHS - CE - DEEE	

### Other documents available online :

- Plug in and settle up documents