

POWER SUPPLY THINLED DRIVE



Description :

This power supply has to be used in **strobe mode only**.

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

The synchronic ThinLED power supply :

This power supply has one input which drives simultaneously the 5 outputs.

The trigger input is a standart optocoupler that can be driven either by NPN or PNP systems because of a special input stage.

The asynchronous ThinLED power supply :

This power supply has 5 independant trigger inputs which are driving the 5 related outputs. The 5 trigger input can be driven either by NPN or PNP systems because of a special input stage.

The common pin has to be plugged either to 0V (PNP) or 24V (NPN).

Order reference :

5 strobed channels power supply - synchronic - fixed current	THLCCPD5SYNCP
5 strobed channels power supply - asynchronous - fixed current	THLCCPD5ASYCP

Order references in relation with the product :

THINLED 4 LEDs spot light	THLFL030SP4xxx
THINLED 1 LED spot light	THLFL030SP1xxx
1 strobed channel power supply	THLCCPD1SYNCP

	THINLED P.S.	Comments
Electric specifications		
Power supply	From 7 to 28 V	
Power consumption	10W max	0.5 W at rest 84.5 W on top
Strobe mode voltage	From 5 V to 28 V	
Output current	700mA per output	
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	/	
Mechanical specifications		
Dimensions	145 x 98 x 30 mm	
Weight	500 g	
Environment		
Operating temperature	0-40°C	
Storage temperature	0-60°C	
IP class	IP40	
Labels	RoHS - CE - DEEE	

Other documents available online :
- Plug in and settle up documents