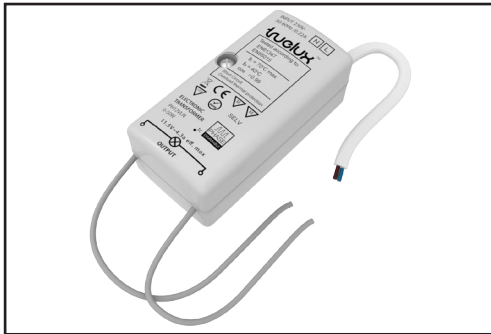


PHASE DRIVER 12V

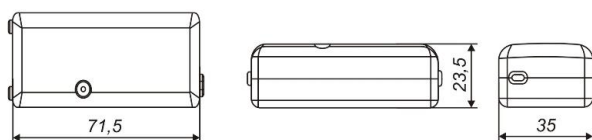


Technical

Model number	PH12VLN
Dimming control	PHASE
Output power (LED load)	0-25W
Output Power (Halogen Load)*	0-50W
Efficiency	82%
Recommended Lamps	12V MR16 or 12V AR111
Output Voltage	11.5V AC
Rated supply voltage AC	210 - 250V AC
Mains frequency	50 / 60 Hz
PF at 230V / 50 Hz	> 0.99
THD	<15%
Min dim level*	5-15%
Dimming output	Linear
Turn on time at 230 V	< 0.5 s
Ta operating (at Lifetime 50,000hrs)	0°C to +40°C
Humidity	95% max non condensing
Max. casing temperature	+80°C
Storage temperature	-25°C to +60°C
Weight	75g
Enclosure material	White Polycarbonate
Dimensions L x W x H	71.5 x 35 x 23.5mm
Input cables	2 x 0.5mm ²
Output cables	2 x 1.0mm ²
Mounting screw	3mm self tap, supplied

For the latest specifications please refer to the website www.trueluxgroup.co.uk
 *Dimming performance should be tested with dimming system unless approved by Truelux
 *Trailing edge dimming typically gives better dimming results
 *Minimum level depends on dimmer. Programmable dimmer recommended to avoid low level flicker
 *Driver also works with halogen lamp loads up to 50W
 Data subject to change without notice

Dimensions



- Suitable for most phase dimming systems
- Designed for 12V Soraa MR16 and AR111 and many other LED lamps
- Linear output signal
- Open-circuit protection
- Short-circuit protection with automatic restart
- SELV
- Pre-installed input (0.5mm²) and output cables (1mm²)

The Truelux phase dimming driver works with many mains phase dimming systems to provide smooth dimming with all Soraa 12V lamps and other dimmable LEDs.



Ordering data

Model number	PH12VLN	
Qty per box	100	200
Box Dimension /cm	22x26x44	45x28x47
Weight per box	10.5Kg	21Kg

Compliance

IEC 55015 IEC 61347-1

Connection

