

# HYL-042RB1050G097ADC

Constant current LED driver

## Product description

- built-in or independent constant current LED Driver
- Adjustable output current between 900 and 1050 mA via DIP switch
- Max. output power 42 W
- Up to 88 % efficiency
- For luminaires of protection class II
- Nominal life-time up to 50,000 h
- 5-year guarantee



## Benefits

- Application-oriented operating window for maximum compatibility
- Long lasting and high reliability
- PC Plastic material housing 43 x 30 mm

## Interfaces

- Terminal blocks: 45° push terminals

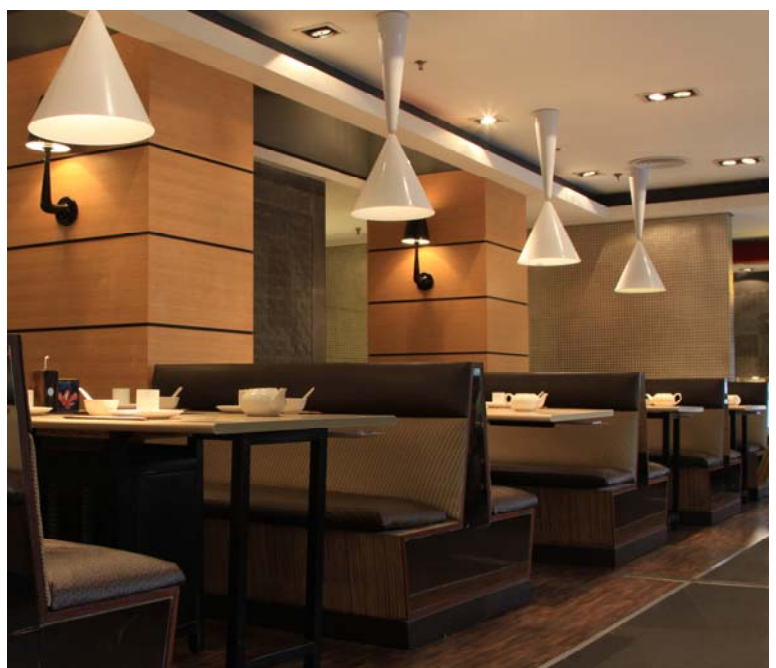
## Applications

- Linear and area lighting
- Office – industrial – shop

## Approval marks

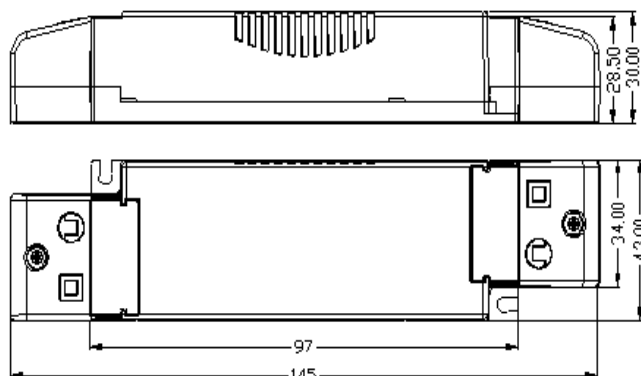


In preparation, if not already printed on product label

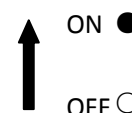
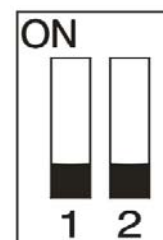


**Technical data**

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
DC voltage range	n.a
Mains frequency	50 / 60 Hz
Overvoltage protection	n.a
Typ. current (at 230 V, 50 Hz, full load)	180 – 210 mA
Leakage current (at 230 V, 50 Hz, full load)	< 500 $\mu$ A
Max. input power	48 W
Typ. efficiency (at 230 V / 50 Hz / full load)	0.88
$\lambda$ (at 230 V, 50 Hz, full load)	0.95
Typ. power input on stand-by	n.a
Typ. input power in no-load operation	n.a
In-rush current (peak / duration)	23A/186 $\mu$ s
THD (at 230 V, 50 Hz, full load)	<10 %
Time to light (at 230 V, 50 Hz, full load)	n.a
Time to light (DC mode)	n.a
Switchover time (AC/DC)	n.a
Turn off time (at 230 V, 50 Hz, full load)	< 4 ms
Output current tolerance	$\pm$ 5 %
Output current ripple	< 5 %
Max. output voltage (no-load voltage)	60 V
Dimming range	n.a
Mains surge capability (between L – N)	1 kV
Mains surge capability (between L/N – PE)	n.a
Surge voltage at output side (against PE)	n.a
Dimensions L x W x H	145/97x43x30 mm



Units: mm

**DIP Switch**

**Ordering data**

Type	Packaging	Weight per pc.
HYL-042RB1050G097ADC	100 pc(s)	0.130Kg

**Specific technical data**

Type	DIP Switch		Output current (mA)	Min. forward voltage (V)	Max. forward voltage (V)	Min. output power (W)	Max. output power (W)	Typ. power consumption (at 230 V, 50 Hz, full load) (W)	Typ. current consumption (at 230 V, 50 Hz, full load)(A)
	PIN 1	PIN 2							
HYL-042RB1050G097ADC	●	●	1050	28	40	29.4	42	47.46	0.211
	●	○	1000	28	40	28	40	44.79	0.199
	○	●	950	28	40	26.6	38	43.12	0.192
	○	○	900	28	40	25.2	36	40.38	0.180