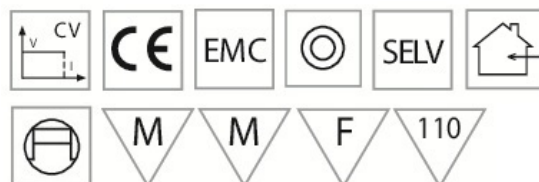
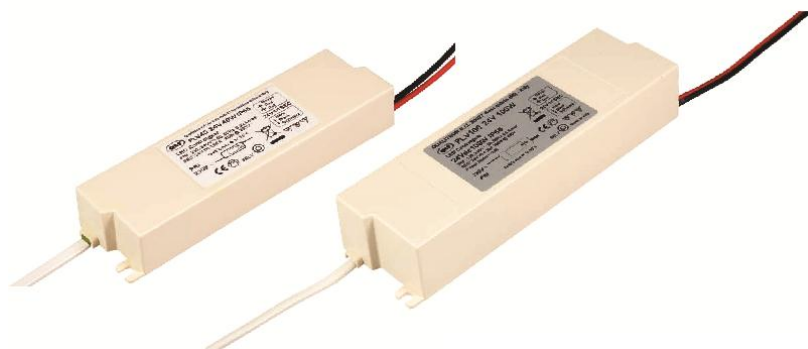


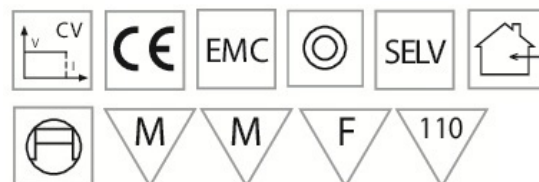
LED drivers – PLV – IP65

Constant voltage LED driver / Alimentatore per LED a tensione costante

Made in Italy 



Part number Codice prodotto	P out W @230V	V out DC ±5%	I out DC max @230V	λ Power Factor	Efficiency @230V	tc °C
A40PLV04000B	40	24	1,66 A	0,96	87%	85
A40PLV05000B	50	24	2,08 A	0,96	90%	85
A40PLV10000B	100	24	4,16 A	0,96	92%	80
A40PLV15000B	150	24	6,25 A	0,96	93%	85



Part number Codice prodotto	P out W @230V	V out DC ±5%	I out DC max @230V	λ Power Factor	Efficiency @230V	tc °C
A40PLV30000B	300	24	12,5 A	0,98	92%	85

Features

- IP65 built-in driver
- Double or reinforced insulation
- Supplied with double insulation cable on primary side
- Self-resetting protection against overtemperatures, open circuit and output short circuits

Caratteristiche

- Alimentatore da incorporare IP65
- Isolamento doppio o rinforzato
- Fornito con cavo doppio isolamento sul lato primario
- Protezione auto ripristinante contro le sovratemperature, il circuito aperto e il corto-circuito sul secondario



LED drivers – PLV – IP65

Constant voltage LED driver / Alimentatore per LED a tensione costante

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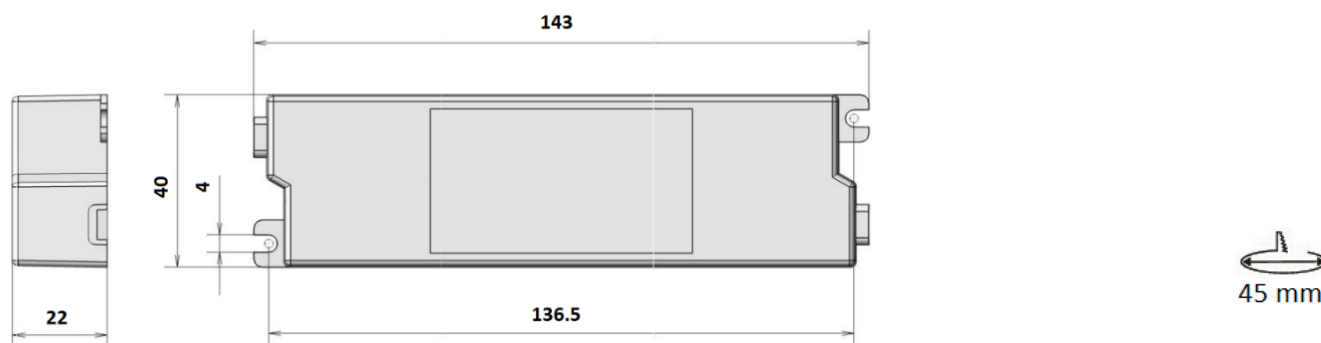
Other electrical data	
Nominal input voltage AC	110-240 V
Mains frequency	50/60 Hz
iTHD (40 W / 50 W / 100 W / 150 W)	5%
iTHD (300 W)	2,4%
Inrush current (100 W / 150 W)	11 A, 320 μ s
Inrush current (300 W)	40 A, 106 μ s
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Output PWM frequency	1 kHz
Minimum output load	10 W (50 W for PLV300)
Output voltage ripple (100 Hz)	< 5%
Standby power (Psb)	$\leq$ 0,5 W
Networked stanby power (Pnet)	$\leq$ 0,5 W
No-load proof	YES
Intended for no-load operation	NO
Output PstLM (Flicker value)	$\leq$ 1
Output SVM (Stroboscopic effects value)	$\leq$ 0,4
Insulation primary/secondary:	Class II SELV 3750V AC
Leakage current:	< 0,5 mA
Temperatures and operating conditions	
Ambient temperature range	-10...+40 °C
Storage temperature range	-15...+50 °C
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Input side cables (40 W / 50 W)	2 x 0,75 mm ² white, double insulation, 25 cm.
Output side cables (40 W / 50 W)	2 x 0,5 mm ² black and red PVC, 25 cm.
Input side cables (100 W / 150 W)	2 x 0,75 mm ² white, double insulation, 25 cm.
Output side cables (100 W / 150 W)	2 x 1,5 mm ² black and red PVC, 25 cm.
Input side cables (300 W)	2 x 0,75 mm ² white, double insulation, 25 cm.
Output side cables (300 W)	2 x 1,5 mm ² black PVC, 20 cm + 2 x 1,5 mm ² red PVC, 20 cm
Nominal life-time	50000h @Ta 40 °C

LED drivers – PLV – IP65

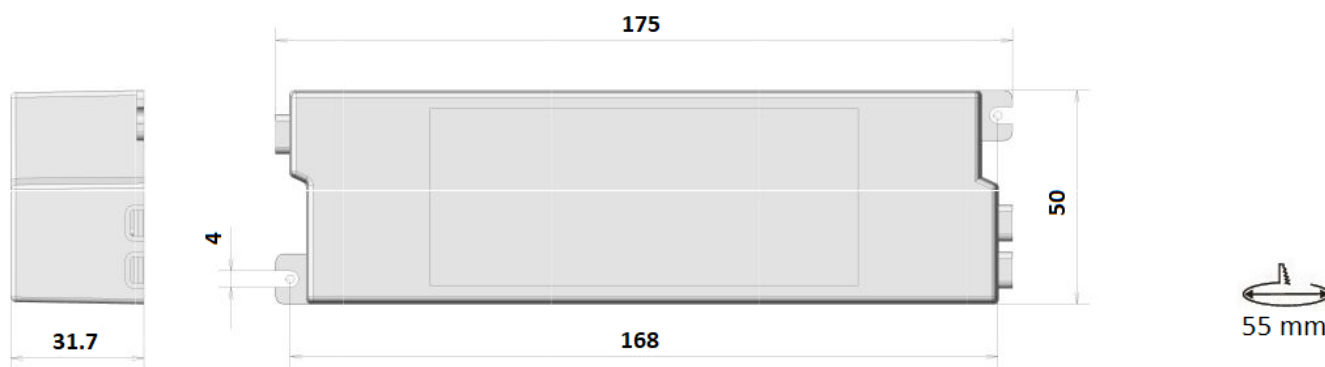
Constant voltage LED driver / Alimentatore per LED a tensione costante

Made in Italy 

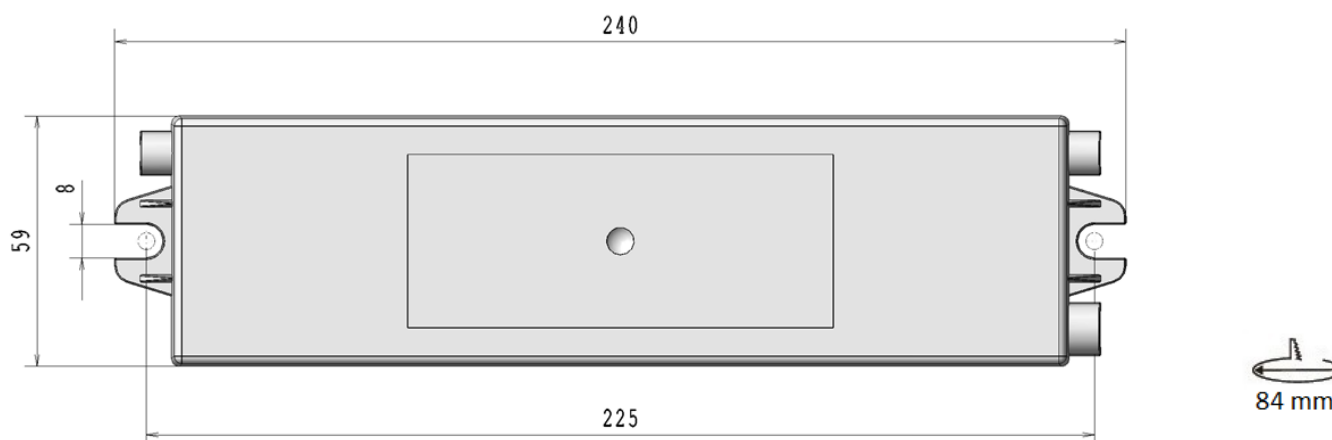
Product dimensions (40 W / 50 W)



Product dimensions (100 W / 150 W)



Product dimensions (300 W)





LED drivers – PLV – IP65

Constant voltage LED driver / Alimentatore per LED a tensione costante

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Product weight

A40PLV04000B / A40PLV05000B	190 gr.
A40PLV10000B	400 gr.
A40PLV15000B	410 gr.
A40PLV30000B	885 gr.

Directives / Direttive:

2014/35/EU (LVD); 2014/30/EU (EMC); RoHs 2011/65/EU + 2015/863/EU (RoHs);
2009/125/ ECODESIGN regulation (EU) N° 2019/2020 and 341/2021 amendment

Standards compliance: Conformità alle norme:

EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015 + A1:2021
EN 55015:2019 + A11:2020; EN 61000-3-3:2013 + A1:2020; EN 61547:2011;
EN IEC 61000-3-2:2019 + A1:2021 + A2:2024
EN 63000:2018;
EN IEC 62442-3:2022