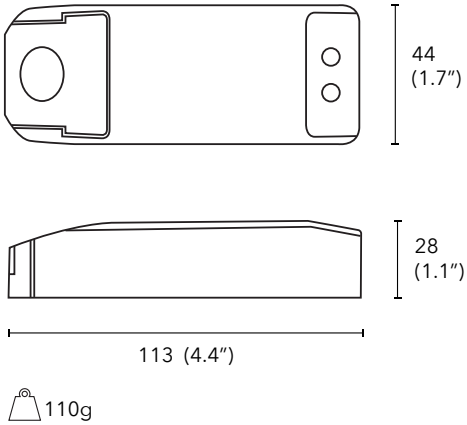
Soraa Optima Series Electronic Transformer

SORAA optima™

The Soraa Optima Series electronic transformer is ideal for 12V LED or halogen lamps. It's highly efficient, works with trailing edge dimmers, is easy to install, and features open circuit, short circuit, overload, and over-temperature protections and a 30,000 hour lifetime.



Construction
Thermally stable shatter proof PC plastic casing.

Primary Terminal	2-pole, Screw 5.2mm
Secondary Terminal	2-pole, Screw 3.2mm

Dimming
Compatible with trailing edge dimmers. Visit www.soraa.com for details

Compliance

Safety	EN 61347-2-1
RFI	EN 55015
Harmonics	EN61000-3-2
Immunity	EN 61547

Lifetime & Warranty
Average service life: 30,000 hours.
Three year warranty. See www.soraa.com.

Ambient

Storage Temperature- ts	-20 to +70°C
Operating Temperature- ta	-20 to +50°C
Case Temperature @ tc	+80°C

Protection

No Load, Overload, Short Circuit, Overtemperature	Auto-Recovery if Fault is Removed
Withstand Voltage	3.75KVAC, leakage < 5.0mA, 60S

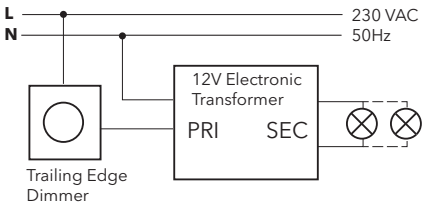
Electrical: Input

Rated Input Voltage	220-240VAC
Input Current (Full Load)	0.29A
Input Frequency	50/60Hz
Max Input Power	71W
Power Factor	≥ 0.99
THD (Full Load)	≤ 10%
Efficiency (Full Load)	≥ 93%
Input Capacitance	100nF

Electrical: Output

Output Voltage	11.2V ±5%
Output Current	6.0A
Output Power (Full Load)	67.2W
Operating Frequency	32-38KHz

Wiring Diagram



IP 20 | ta 50°C MAX | tc 80°C MAX | PFC 0.99 λ | SELV | 110 | CB | CE | RoHS

Order Number

Sample Number: TCVW - P - 12- 600 - 70 - 01 - S3

Constant	Type	Input Voltage	Dimming	Output Voltage	Output Current	Power	Variation	Region
T	CV Constant Voltage	W 230VAC	P Phase Dim	12 12VAC	600 6.0A (Full Load)	70 Max Input (W)	01 Default	S3 International