

Hamilton® Transformers

Practical and efficient dimming solutions for Domestic, Office and Commercial applications

- Mini 60 20-60W and Planet 60 20-60W Electronic Transformers
- DIM 350mA-9W, DIM 350mA-18W, DIM 700mA-8W and DIM 700mA-18W Dimmable LED Drivers



Hamilton® *fashion, finish, function and flexibility*

Hamilton® Electronic Transformers

ET
RANGE

SELV IP20

Applications:

Domestic Housing, Office and Commercial

Product Standards:

This product complies fully to the following standards:

EN 61347-1 EN 55015 EN 61000-3-3
EN 61347-2-13 EN 61000-3-2 EN 61547

Product Features:

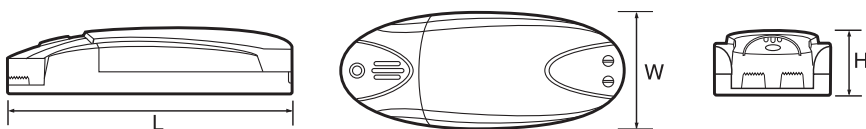
- Electronic transformer for 12V halogen lamps
- Captured terminal screws
- Safe no-load operation
- Over temperature cut off
- Thermally stable and shatter-resistant plastic casings
- Modern design
- Light weight
- Overload and short circuit protection with self resetting
- Dimmable with leading or trailing edge technology dimmer
- Simple installation
- High efficiency (95%)



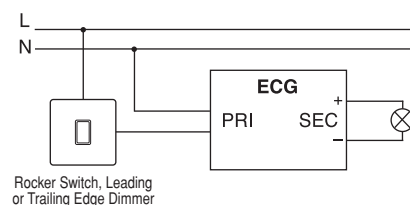
Type	Unit	Mini 60 20-60W	PLANET 60 20-60W
Primary voltage range:	V	230-240	230-240
Frequency:	Hz	50/60	50/60
Input current:	A	0.26	0.26
Secondary voltage:	V	11.5	11.5
Lamp wattage:	W	20-60	20-60
Efficiency:	%	95	95
Power factor: (COS)		0.99	0.99
Input capacitance:	nF	33	0 *See note
Ambient temperature ta:	°C	50	50
Max. Case temperature tc:	°C	80	80
Dimming:		Leading or Trailing Edge	Leading or Trailing Edge
Dimensions: L x W x H	mm	109 x 42 x 24	109 x 42 x 24
Weight:	Grams	80	100
Primary terminal:		2-pole, screw terminal Dia. 3.5mm	3-pole, screw terminal Dia. 3.5mm
Secondary terminal:		2-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia. 3.5mm

*Zero input capacitance to suit most dimmers

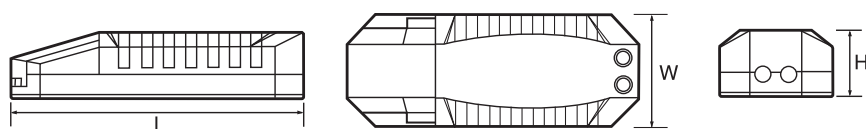
Mini Series



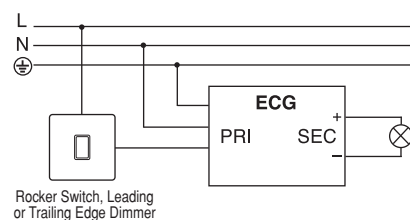
Mini Series Wiring Diagram



Planet 60



Planet 60 Wiring Diagram



Dimmers

It is recommended that this product be used with Hamilton 400 watt Leading Edge or 250 watt Trailing Edge Dimmers.

Due to constant changes in regulations etc., user should satisfy themselves there have been no amendments.

Hamilton® Dimmable LED Drivers

SELV

Applications:

Domestic Housing, Office and Commercial

Product Standards:

This product complies fully to the following standards:

EN 61347-1 EN 55015 EN 61000-3-3
EN 61347-2-13 EN 61000-3-2 EN 61547

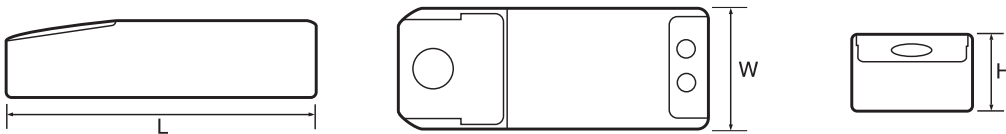
Product Features:

- Dimmable with leading and trailing edge dimmer
- Independent compact design
- Captured terminal screws
- Overheating protection
- SELV equivalent
- Dimming range 1 – 100%
- Constant Current Driver
- Easy press cable lock
- Safe no-load operation
- Overload and short circuit protection
- Simple installation
- Protection Class II

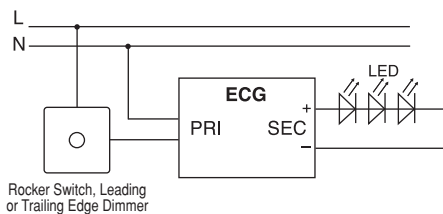


Type	Unit	DIM 350mA-9W	DIM 350mA-18W	DIM 700mA-8W	DIM 700mA-18W
Input Voltage:	V	220–240	220–240	220–240	220–240
Maximum Output:	W	9	18	8	18
Output Current:	mA	350	350	700	700
Output Voltage:	V	6–26	15–52	9–12	6–26
Power factor: (COS)		0.95	0.95	0.95	0.95
Efficiency	%	80	80	80	80
Ambient temperature ta:	°C	-20 – +50	-20 – +50	-20 – +50	-20 – +50
Max. Case temperature tc:	°C	80	80	80	80
Dimming:		Leading or Trailing Edge	Leading or Trailing Edge	Leading or Trailing Edge	Leading or Trailing Edge
Dimensions: L x W x H	mm	113 x 44 x 28	113 x 44 x 28	113 x 44 x 28	113 x 44 x 28
Weight:	Grams	108	108	108	108

LED Driver Series



LED Driver Series Wiring Diagram



LED DRIVERS: are current control devices that replace the need for resistors.

LED Drivers respond to the changing input voltage while maintaining a constant amount of current (output power) to the LED as its electrical properties change the temperature.

Dimmers

It is recommended that this product be used with Hamilton 400 watt Leading Edge or 250 watt Trailing Edge Dimmers.

Due to constant changes in regulations etc., user should satisfy themselves there have been no amendments.