

Uniclass L74 735	EPIC K712
CI/Sfb (62X) (63) X	

NEW **Hamilton**[®]
LITE & SOUND DIVISION

transforming your lighting efficiency...



ELECTRONIC TRANSFORMERS
super efficient, cost effective...



DIMMABLE LED DRIVERS
the greener environmental solution...



Hamilton Electronic Transformers

SELV         IP20 

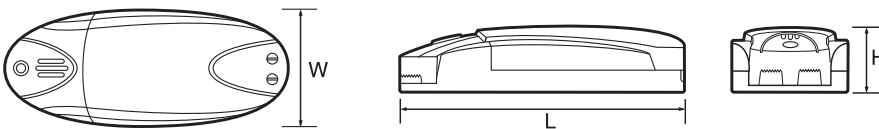
Product Features:

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

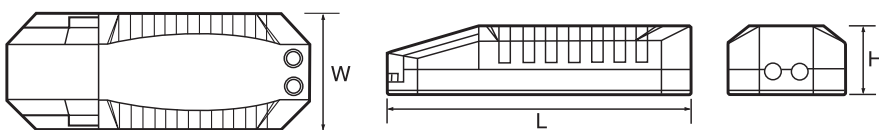
Type	Unit	Mini 60 20-60W	PLANET 60 20-60W	Mini 70 20-70W	Mini 105 35-105W
Primary voltage range:	V	230-240	230-240	230-240	230-240
Frequency:	Hz	50/60	50/60	50/60	50/60
Input current:	A	0.26	0.26	0.29	0.44
Secondary voltage:	V	11.5	11.5	11.5	11.5
Lamp wattage:	W	20-60	20-60	20-70	35-105
Efficiency:	%	95	95	95	95
Power factor: (COS)		0.99	0.99	0.99	0.99
Input capacitance:	nF	33	0 *See note	100	200
Ambient temperature ta:	°C	50	50	50	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	109 x 42 x 24	109 x 42 x 24	109 x 42 x 24	124 x 48 x 28
Weight:	Grams	80	100	80	120
Primary terminal:		2-pole, screw terminal Dia. 3.5mm	3-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia.3.5mm
Secondary terminal:		2-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia. 3.5mm	2-pole, screw terminal Dia.3.5mm

*Zero input capacitance to suit most dimmers

Mini Series

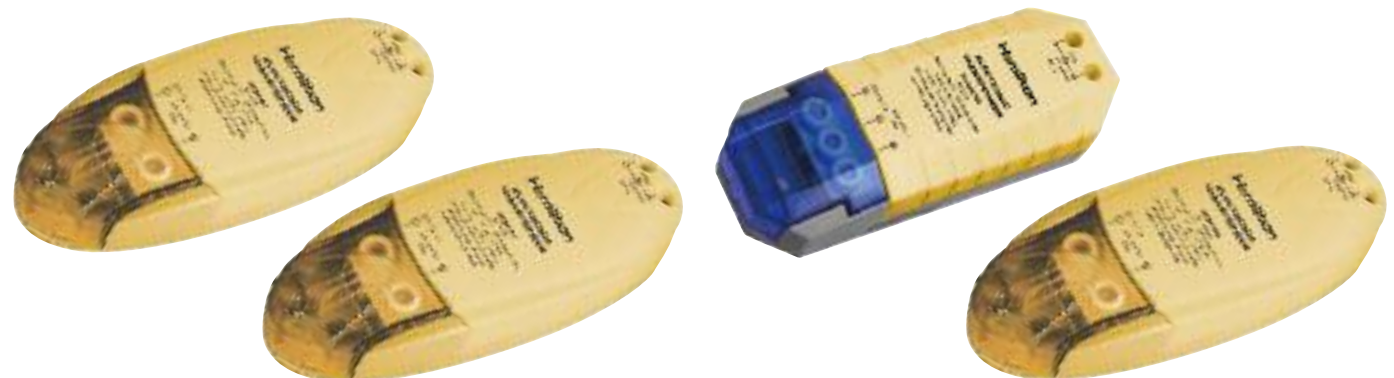


Planet 60



Dimmers

It is recommended that this product be used with Hamilton 400 watt Leading Edge or 250 watt Trailing Edge Dimmers (see back page).



Product Information Sheet

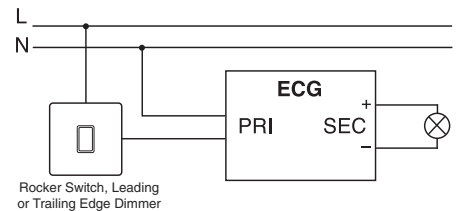
Applications: Domestic Housing, Office and Commercial

Product Standards:

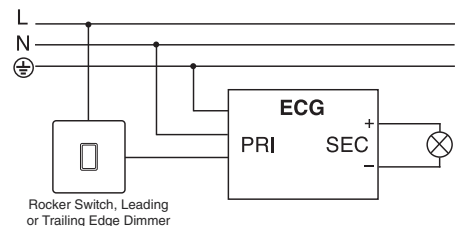
This product complies fully to the following standards:

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

Mini Series Wiring Diagram



Planet 60 Wiring Diagram



Hamilton Dimmable LED Drivers

SELV         IP20 

Product Information Sheet

Applications: Domestic Housing, Office and Commercial

Product Standards:

This product complies fully to the following standards:

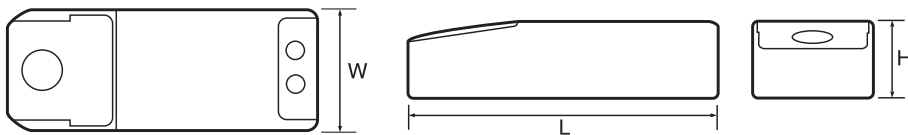
- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547

Product Features:

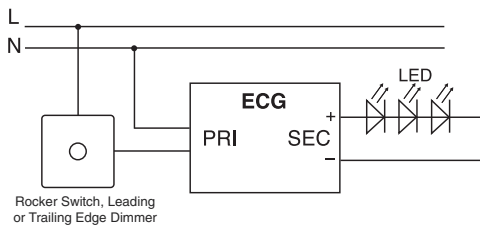
- Dimmable with leading and trailing edge dimmer
- Constant Current Driver
- Easy press cable lock
- Safe no-load operation
- Overheating protection
- SELV equivalent
- Dimming range 1 – 100%
- Independent compact design
- Captured terminal screws
- Overload and short circuit protection
- Simple installation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

Type	Unit	LED Driver DIM 350mA/9W	LED Driver DIM 350mA/18W	LED Driver DIM 700mA/18W
Input Voltage:	V	220–240	220–240	220–240
Maximum Output:	W	9	18	18
Output Current:	mA	350	350	700
Output Voltage:	V	6–26	15–52	6–26
Power factor: (COS)		0.95	0.95	0.95
Efficiency	%	80	80	80
Ambient temperature ta:	°C	-20 – +50	-20 – +50	-20 – +50
Max. Case temperature tc:	°C	80	80	80
Dimming:		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
Weight:	Grams	108	108	108

LED Driver Series



LED Driver Series Wiring Diagram



Dimmers

It is recommended that this product be used with Hamilton 400 watt Leading Edge or 250 watt Trailing Edge Dimmers (see back page).



Associated Product Ranges from Hamilton



Linea-Duo CFX
Trailing Edge
Push On/Off Dimmer
LD P2XTE25 PB/BS



Sheer
Trailing Edge
Push On/Off Dimmer
84 P1XTE25



Linea-Rondo Piano Black
Trailing Edge Touch Master
Multi-Way Dimmer
LRX 2XTM25 BC/N B



Hartland CFX
Trailing Edge Touch Master
Multi-Way Dimmer
74C 1XTM25 WH



40-400W
Push
On/Off
Resistive
Dimmer



100-
600W
Push
On/Off
Resistive
Dimmer



25-250W
Trailing
Edge
Push
On/Off
Dimmer



25-250W
Trailing
Edge
Touch
Master
Multi-
Way
Dimmer

Hamilton Push On/Off Resistive Dimmers



P1X400



P2X400



P3X400



P4X400

Please refer to Hamilton Brochures for Plate Style and Finish required.

- 1 gang 2 way 400W (Max. 400W per gang)
- 2 gang 2 way 400W (Max. 400W per gang)
- 3 gang 2 way 400W (Max. 300W per gang)
- 4 gang 2 way 400W (Max. 250W per gang)

Note: When using Mains Voltage Halogen Lamps Dimmers should be de-rated by 25%.

Product Code

- P1X400
- P2X400
- P3X400
- P3X400

Hamilton Trailing Edge Push On/Off Dimmers



P1XTE25



P2XTE25



P3XTE25



P4XTE25

Please refer to Hamilton Brochures for Plate Style and Finish required.

- 1 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 2 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 3 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 4 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)

Note: When using Wire Wound Inductive Load Transformers - Maximum Rating is 210VA

Product Code

- P1XTE25
- P2XTE25
- P3XTE25
- P4XTE25

Hamilton Trailing Edge Touch Master Multi-Way Dimmers



1XTM25



2XTM25



3XTM25



4XTM25

Please refer to Hamilton Brochures for Plate Style and Finish required.

- 1 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 2 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 3 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)
- 4 gang Multi-way 250W/VA (250W/VA Max. 25W/VA Min.)

Note: When using Wire Wound Inductive Load Transformers - Maximum Rating is 210VA

Product Code

- 1XTM25
- 2XTM25
- 3XTM25
- 4XTM25

Hamilton ICDM1000 1000W Ceiling Dimmer

Infinite control when used with Hamilton Push-to-make Retractive Rocker Switches or Hamilton Touch Slave Dimmers or a combination of both.

- Suitable for 230/240 volt supply 50 or 60 Hz
- Built-in overload protection - automatic switch off and restart
- Built-in temperature protection - automatic cut-off
- Soft Start Technology - provides long lamp life
- Multi-position control
- Slow lamp fade off
- Flicker-free operation

Operating range 40-1000W and 50-1000VA. Complies to EN 61347 and EN 55015



Hamilton Digital Mercury Lighting Control

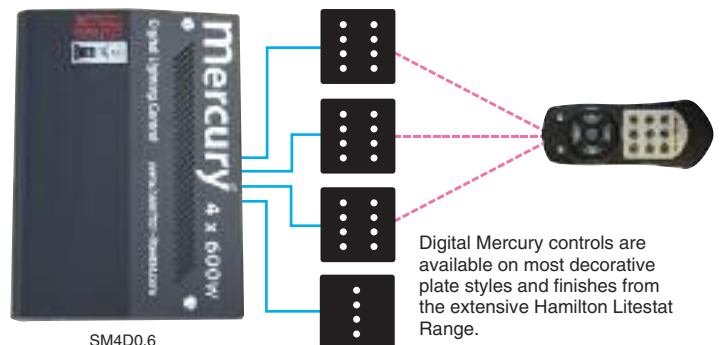
Digital Mercury pack and controls for resistive loads, low voltage (including most electronic transformers) or fluorescent (with 1-10V ballast interface) LEDs and RGB lamps. Intelligent dimming allows scene setting and easy changes which the system will remember and automatically reproduce when next turned on. Control options include remote, momentary and rotary as well as scene setting. All are built into the system. These controls fit most Hamilton plates to achieve consistency of appearance. A four-wire daisy chain system allows the installer to link one control to another on the same line. Outstations are coded with an individual identity allowing multi-zones and multi-channels per zone, making the system simple yet versatile.

System Features

- Standard system does not require any software knowledge or programming input by the specifier, installer or the end-user
- Not reliant on manufacturer's commissioning
- Larger, multi-channel configurations possible
- Wiring between dimmer pack and control station is CAT5 cable or Beldon 20AWG cable
- Create Multi-load Type Channels
- Settings unaffected by power failure
- Centrally located or split control pack
- Can be added to and upgraded at a later stage
- Multiple Control Options and Mixes
- Extensive range of controls

- Rotary:** traditional simple rotary dimmer control
- Momentary:** retractive rocker or push to make switch
- Scene-set:** back illuminated push button, storable scene set and infra-red option
- Infra-red receiver:** plate with receiver only
- Infra-red hand-set:** all control options from hand-set

- Uses standard Hamilton single and double plates (box depth 35mm)
- Larger plates, special sizes, chosen finishes to order
- Suitable for domestic and commercial schemes
- RS232 Interface
- Keyswitch partitioning available
- Controls will match in with your other Hamilton Litestat fittings



SM4D0.6

Digital Mercury controls are available on most decorative plate styles and finishes from the extensive Hamilton Litestat Range.

Included in
LUCKINS
DATABASE



BS EN ISO 9001:2008
CERT NO. FM11239

Hamilton
LITE & SOUND DIVISION

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