



# SMARTER LIGHTING CHOICES

SINCE 1998



INTERIOR LIGHTING



EXTERIOR LIGHTING

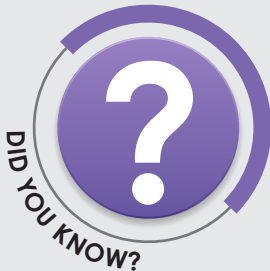


SMART LIGHTING  
CONTROLS



## DRIVERS

An expansive range of traditional LED drivers and accessories.



What is the importance of EMC? Electromagnetic Compatibility, defines the use of different electronic devices (such as electrical appliances, medical equipment, LED's and drivers etc) to operate without interference with other devices. This is a mandatory label (and testing) requirement for Australian Lighting equipment covered by AS/NZS CISPR 15. ACMA also recognises equivalent standards CISPR 15 and EN 55015. If you are unsure ask your supplier for EMC compliance.

*Need more information on EMC ? Check out the SAL web FAQ's or speak to your local SAL team member.*





## PLUTO EGL

Constant voltage LED driver,  
6 watt

### Application

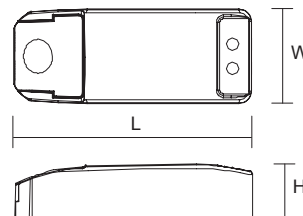
Independent compact design with captive terminal screws, ideal for low wattage retrofit and maintenance lighting requirements



### Design Specifications

- SELV and EMC compliant
- Safe no load operation, non-dimmable
- Overload and short circuit protection
- Hard wired termination design

### Dimensions

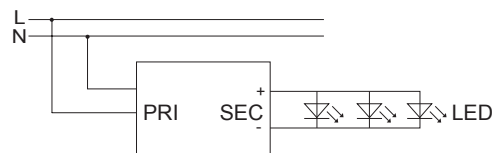


### Performance

Dimmable Driver - No



### Wiring Diagram



### Technical Specifications

| Model No.        | Input (V)/(Hz) | Output (V DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|------------------|----------------|---------------|-----------|--------------|-----------|---------------------------|
| PLUTO EGL 12V/6W | 240/50         | 12            | 6         | 0.6          | IP20      | 99 x 39 x 23              |

For terms and conditions of catalogue data use, refer to INDEX



**DUAL VOLTAGE**

## PLUTO 15DV, 30DV, 50DV

Dual voltage selection,  
constant voltage LED driver

### Application

Versatile and compact dual voltage range with captive terminal screws, ideal for low wattage retrofit and maintenance lighting requirements

### Design Specifications

- SELV and EMC compliant
- Safe no load operation, non-dimmable
- Overload and short circuit protection
- Hard wired termination design
- 15, 30, 50 watt capacity with selectable 12V or 24V secondary outputs

### Performance

Dimmable Driver - No



PLUTO 15DV

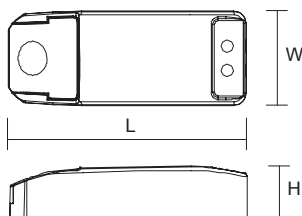


PLUTO 30DV



PLUTO 50DV

### Dimensions



### Technical Specifications

| Model No.  | Input (V)/(Hz) | Output (V DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|------------|----------------|---------------|-----------|--------------|-----------|---------------------------|
| PLUTO 15DV | 240/50         | 12/24         | 15        | 0.8          | IP20      | 99 x 39 x 23              |
| PLUTO 30DV | 240/50         | 12/24         | 30        | 0.9          | IP20      | 192 x 49 x 35             |
| PLUTO 50DV | 240/50         | 12/24         | 50        | 0.9          | IP20      | 192 x 49 x 35             |

For terms and conditions of catalogue data use, refer to INDEX



## PLUTO 100

Australian approved constant voltage LED driver IP67

### Application

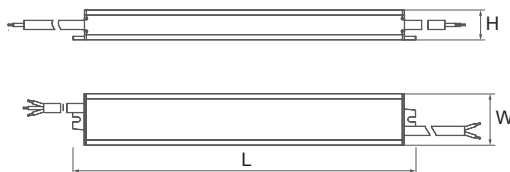
An ideal choice for LED strips, LED Neon or exterior lighting requirements

### Design Specifications

- SELV and EMC compliant
- Safe no load operation, power factor 0.95
- Overload and short circuit protection
- 1.2m flex and plug fitted for easy installation, output (secondary) end is provided with rubber fly leads
- Durable metal casing IP67



### Dimensions

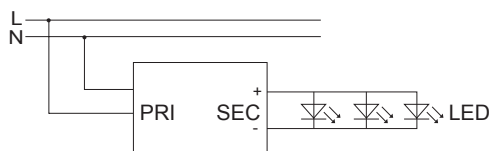


### Performance

Dimmable Driver - No



### Wiring Diagram



### Technical Specifications

| Model No.     | Input (V)/(Hz) | Output (V DC) | Power (W) | Min. Load | Power Factor | Dimensions (L x W x H mm) |
|---------------|----------------|---------------|-----------|-----------|--------------|---------------------------|
| PLUTO 100/12V | 240/50         | 12            | 100       | 10        | 0.9          | 262 x 40 x 23             |
| PLUTO 100/24V | 240/50         | 24            | 100       | 10        | 0.9          | 262 x 40 x 23             |



## PLUTO 200

Australian approved constant voltage LED drivers IP66

### Application

An ideal choice for LED strips, LED Neon or exterior lighting requirements

### Design Specifications

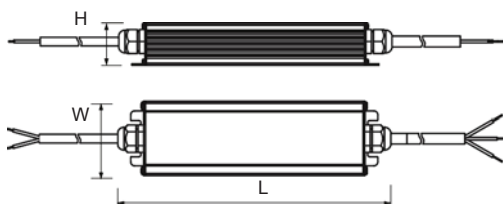
- SELV and EMC compliant
- Safe no load operation, power factor 0.95
- Overload and short circuit protection
- 1.2m flex and plug fitted for easy installation, output (secondary) end is provided with rubber fly leads
- Durable metal casing IP66

### Performance

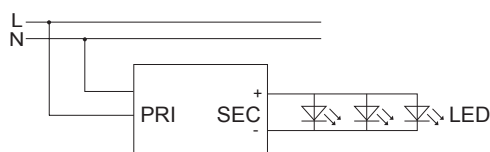
Dimmable Driver - No



### Dimensions



### Wiring Diagram



### Technical Specifications

| Model No.     | Input (V)/(Hz) | Output (V DC) | Power (W) | Min. Load | Power Factor | Dimensions (L x W x H mm) |
|---------------|----------------|---------------|-----------|-----------|--------------|---------------------------|
| PLUTO 200/12V | 240/50         | 12            | 200       | 10        | 0.95         | 252 x 68 x 39             |
| PLUTO 200/24V | 240/50         | 24            | 200       | 10        | 0.95         | 252 x 68 x 39             |





## DIM 2 IN1 12V/24V

IP65 dimmable 12 / 24 volt constant voltage LED driver

### Application

Reliable constant voltage control for use with LED strip and constant voltage circuits

### Design Specifications

- Trailing edge and 1-10V dimming combined
- Independent compact design, safe no load operation and overload, short circuit protection
- Overheating protection
- SELV and EMC compliant, 1.2m flex and plug fitted for easy installation
- Recommended SAL 1-10V dimmer; SDF30
- Recommended SAL trailing edge dimmers; SDD350UM, SDD400U, SDA450U, SDD350BT

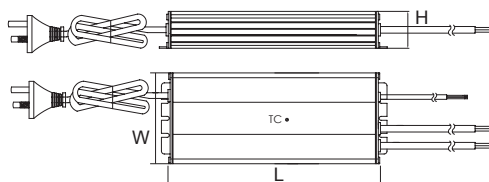
### Performance

Dimmable Driver - Yes

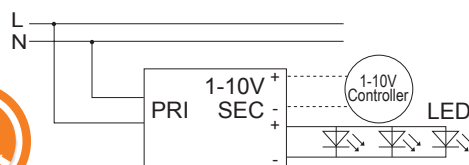
Dimmer Type - Trailing edge, 1-10V



### Dimensions



### Wiring Diagram (1-10V)



### Technical Specifications

| Model No.       | Input (V)/(Hz) | Output (V DC) | Power (W) | Min. Load | Power Factor | Dimensions (L x W x H mm) |
|-----------------|----------------|---------------|-----------|-----------|--------------|---------------------------|
| DIM2IN1/96/12V  | 240/50         | 12            | 96        | 10        | 0.9          | 222 x 73 x 38             |
| DIM2IN1/96/24V  | 240/50         | 24            | 96        | 10        | 0.9          | 222 x 73 x 38             |
| DIM2IN1/192/12V | 240/50         | 12            | 192       | 20        | 0.9          | 226 x 96 x 39             |
| DIM2IN1/192/24V | 240/50         | 24            | 192       | 20        | 0.9          | 226 x 96 x 39             |

For terms and conditions of catalogue data use, refer to INDEX





## DIM40W/12V & DIM40W/24V

IP65 dimmable constant voltage LED driver

### Application

Suitable for LED strip, trailing edge dimming models

### Design Specifications

- SELV and EMC compliant
- Safe no load operation, 40 watt, minimum load 5 watt, PF >0.9, outputs 12V or 24V
- Overload and short circuit protection
- 1.2 m flex & 2 pin plug fitted, output fly leads at the secondary end
- Recommended SAL trailing edge dimmers; SDD350UM, SDD400U, SDA450U, SDD350BT

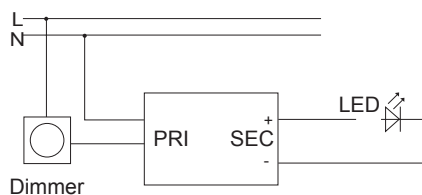


### Performance

Dimmable Driver - Yes  
Dimmer Type - Trailing edge



### Wiring Diagram



### Technical Specifications

| Model No.  | Input (V)/(Hz) | Output (V DC) | Power (W) | Min. Load | Power Factor | Dimensions (L x W x H mm) |
|------------|----------------|---------------|-----------|-----------|--------------|---------------------------|
| DIM40W/12V | 240/50         | 12            | 40        | 5         | 0.9          | 110 x 60 x 33             |
| DIM40W/24V | 240/50         | 24            | 40        | 5         | 0.9          | 110 x 60 x 33             |



## S-HLG-80H, 150H, 240H, 320H

Australian approved, constant voltage IP67 power supply

### Application

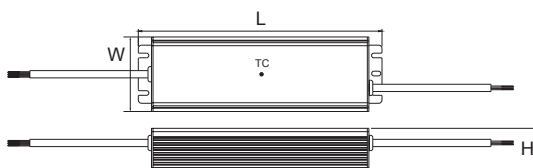
The perfect choice for high performance exterior LED strips, LED Neon or exterior applications

### Design Specifications

- Choice of 12V / 60 watt through to 24V / 320 watt models
- System design protection for short circuit, over current, over voltage and over temperature conditions
- Class II electrical classification, non-dimmable



### Dimensions



### Technical Specifications

| Model No.      | Input (V)/(Hz) | Output (V DC) | Power (W) | Line Current (A) | Power Factor | Dimensions (L x W x H mm) |
|----------------|----------------|---------------|-----------|------------------|--------------|---------------------------|
| S-HLG-80H-12V  | 240/50         | 12            | 60        | Max. 5           | 0.9          | 196 x 62 x 39             |
| S-HLG-80H-24V  | 240/50         | 24            | 81        | Max. 3           | 0.9          | 196 x 62 x 39             |
| S-HLG-150H-12V | 240/50         | 12            | 150       | Max. 12          | 0.9          | 228 x 68 x 39             |
| S-HLG-150H-24V | 240/50         | 24            | 150       | Max. 6           | 0.9          | 228 x 68 x 39             |
| S-HLG-240H-12V | 240/50         | 12            | 192       | Max. 16          | 0.9          | 244 x 68 x 39             |
| S-HLG-240H-24V | 240/50         | 24            | 240       | Max. 10          | 0.9          | 244 x 68 x 39             |
| S-HLG-320H-12V | 240/50         | 12            | 264       | Max. 22          | 0.9          | 252 x 90 x 44             |
| S-HLG-320H-24V | 240/50         | 24            | 320       | Max. 13          | 0.9          | 252 x 90 x 44             |

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## PLUTO DIM 350MA, 500MA, 700MA

Australian approved dimmable  
constant current LED driver

### Application

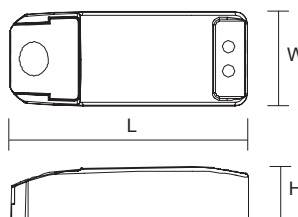
The perfect choice for constant  
current electronic lighting circuits



### Design Specifications

- SELV and EMC compliant
- Safe no load operation
- Overload and short circuit protection
- Dimmable with trailing edge dimmer,  
Dimming range 10%~100%
- Recommended trailing edge dimmers  
SDD350UM, SDD400U, SDA450U, SDD350BT

### Dimensions

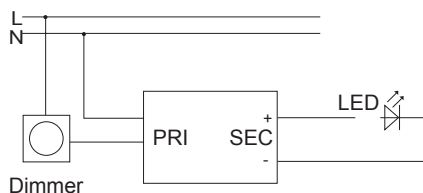


### Performance

Dimmable Driver - Yes  
Dimmer Type - Trailing edge



### Wiring Diagram



### Technical Specifications

| Model No.    | Input (V)/(Hz) | Output (V DC) | Power (W) | Output Current (mA) | Power Factor | Dimensions (L x W x H mm) |
|--------------|----------------|---------------|-----------|---------------------|--------------|---------------------------|
| DIM350mA/12W | 240/50         | 18~35         | 12        | 350                 | 0.9          | 98 x 40 x 24              |
| DIM350mA/18W | 240/50         | 30~54         | 18        | 350                 | 0.9          | 121 x 45 x 20             |
| DIM500mA/18W | 240/50         | 20~40         | 18        | 500                 | 0.9          | 121 x 45 x 20             |
| DIM700mA/18W | 240/50         | 15~29         | 18        | 700                 | 0.9          | 121 x 45 x 20             |



## MINI 60 & MINI/P60

Australian approved electronic transformer 12V / 60 watt

### Application

Dimmable trailing edge electronic transformer for SELV lighting equipment

### Design Specifications

- Overload and short circuit protection
- Overheating protection
- Safe no load operation
- Mini60 is hardwired termination, Mini/P60 is supplied with flex and plug

### Performance

Dimmable Driver - Yes  
Dimmer Type - Trailing edge

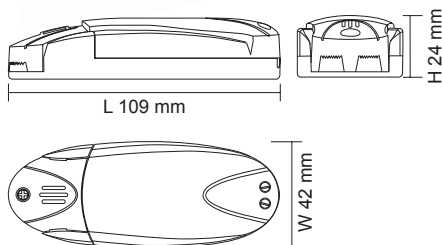


MINI60



MINI/P60

### Dimensions



### Technical Specifications

| Model No. | Input (V)/(Hz) | Output (V DC) | Power (W) | Power Factor | 1.2 m Flex & Plug Fitted | Dimensions (L x W x H mm) |
|-----------|----------------|---------------|-----------|--------------|--------------------------|---------------------------|
| MINI60    | 240/50         | 11.5          | 20~60     | 0.99         | No                       | 109 x 42 x 24             |
| MINI/P60  | 240/50         | 11.5          | 20~60     | 0.99         | Yes                      | 109 x 42 x 24             |



## MAGNETIC WEATHERPROOF ST SERIES

Magnetic weatherproof  
AC-AC transformer IP66

### Application

Magnetic weatherproof  
AC-AC transformer

### Design Specifications

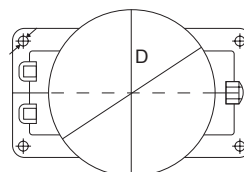
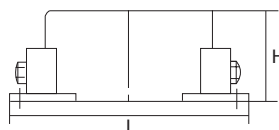
- Overload and short circuit protection
- Overheating protection
- SELV and EMC compliant
- 1.2 m flex & 3 pin plug fitted
- Output fly leads at secondary end
- IP66 protection

### Performance

Dimmable Driver - No



### Dimensions



### Technical Specifications

| Model No. | Input (V)/(Hz) | Output (V DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x D x H mm) |
|-----------|----------------|---------------|-----------|--------------|-----------|---------------------------|
| ST105     | 240/50         | 12            | 105       | 0.9          | IP66      | 195 x 124 x 60            |
| ST150     | 240/50         | 12            | 150       | 0.9          | IP66      | 195 x 124 x 60            |
| ST200     | 240/50         | 12            | 200       | 0.9          | IP66      | 210 x 138 x 70            |
| ST300     | 240/50         | 12            | 300       | 0.9          | IP66      | 210 x 138 x 70            |
| ST400     | 240/50         | 12            | 400       | 0.9          | IP66      | 210 x 138 x 70            |