



SINCE 1998

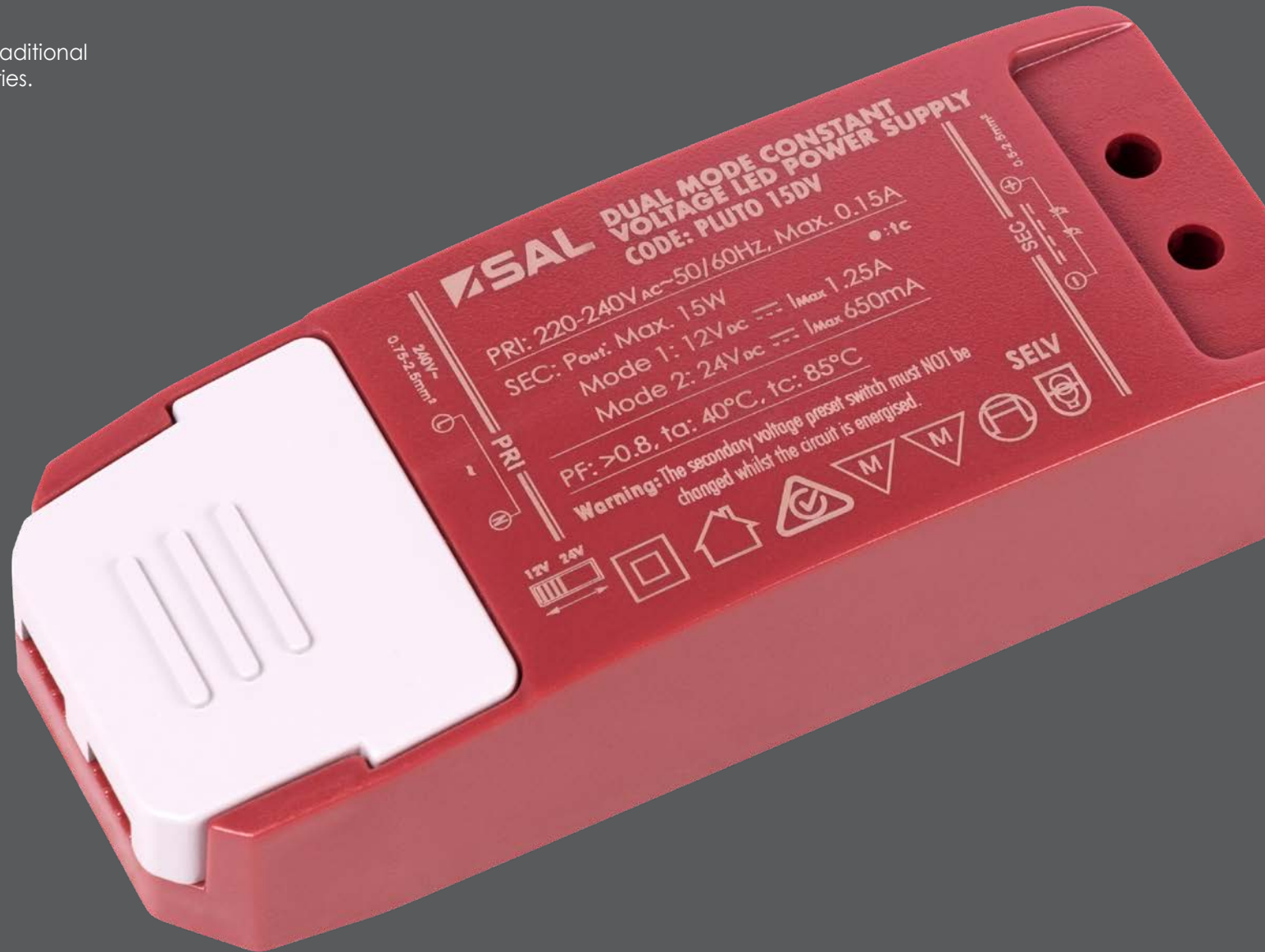


2024/25

**SMARTER
LIGHTING
CHOICES**



An expansive range of traditional LED drivers and accessories.





CONSTANT VOLTAGE



DALI 75/120/150 - 12V/24V

Australian approved, dimmable constant voltage, DALI 2.0 power supply

Application

Reliable constant voltage dimmable power supply with DALI 2.0 certified by DiiA

Design Specifications

- Choice of 75 watt / 24V, 150 watt / 24V or 120 watt / 12V
- DALI 2.0 certified by DiiA
- Overload and short circuit protection
- DALI and Push DIM control
- SELV and EMC compliant, fixed terminal termination
- flickerCONTROLLED technology
- Electrical class II, Do Not Cover.



• Wiring Diagram of Brightness Changing in Push Dimming Mode



• Wiring Diagram of DALI Dimming Operation



Performance

- Dimmable - DALI2



Technical Specifications

| Model No. | Input (V)/(Hz) | Output Voltage (V/DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|-------------|----------------|-----------------------|-----------|--------------|-----------|---------------------------|
| DALI75/24V | 240/50 | 24 | 75 | 0.95 | IP20 | 300 x 43 x 31 |
| DALI150/24V | 240/50 | 24 | 150 | 0.95 | IP20 | 361 x 43 x 31 |
| DALI120/12V | 240/50 | 12 | 120 | 0.95 | IP20 | 361 x 43 x 31 |



CONSTANT VOLTAGE



DIM 75/150 - 24V

Australian approved, trailing edge dimmable constant voltage, power supply

Application

Reliable constant voltage trailing edge dimmable power supply 75 / 150 watt

Design Specifications

- Choice of 75 watt / 24V, 150 watt / 24V
- Trailing edge dimming control
- Overload and short circuit protection
- SELV and EMC compliant, fixed terminal termination
- flickerCONTROLLED technology
- Electrical class II, Do Not Cover

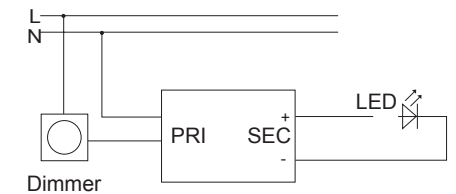


Performance

- Dimmable - Trailing edge



Wiring Diagram



Technical Specifications

| Model No. | Input (V)/(Hz) | Output Voltage (V/DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|---------------|----------------|-----------------------|-----------|--------------|-----------|---------------------------|
| DIM75/24V/FC | 240/50 | 24 | 75 | 0.95 | IP20 | 300 x 43 x 31 |
| DIM150/24V/FC | 240/50 | 24 | 150 | 0.95 | IP20 | 361 x 43 x 31 |

For terms of catalogue data use, refer to INDEX





CONSTANT VOLTAGE

DIM 2 IN1 12V/24V

Australian approved IP65 dimmable
12 / 24V constant voltage LED power supply

Application

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

Design Specifications

- Trailing edge and 1-10V dimming combined
- Independent compact design, safe no load operation and overload, short circuit protection, overheating protection
- Output options of 12V or 24V DC
- SELV and EMC compliant, 1.2m flex & plug
- Recommended SAL 1-10V dimming controller; SDF30
- Recommended SAL trailing edge dimmers; SDD350UM, SDA450U/LED, SDD400U
- Minimum load - DIM 2IN1 96/12/24V = 10W, DIM 2IN1 192/12/24V = 20W
- Electrical class I, Do Not Cover

Performance

- Dimmable - Trailing edge, 1-10V



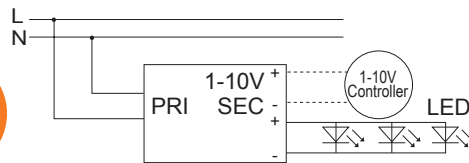
DIM2IN1/96/12V

DIM2IN1/96/24V

DIM2IN1/192/12V

DIM2IN1/192/24V

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 |



CONSTANT VOLTAGE

DIM40/12V & DIM40/24V

Australian approved IP65 dimmable
12 / 24V constant voltage LED power supply

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 DC
- Overload and short circuit protection
- 1.2 m flex & 2 pin plug fitted, secondary output fly leads
- Recommended SAL trailing edge dimmers; SDD350UM, SDD400U, SDA450U/LED
- Electrical class II, Do Not Cover

Performance

- Dimmable - Trailing edge

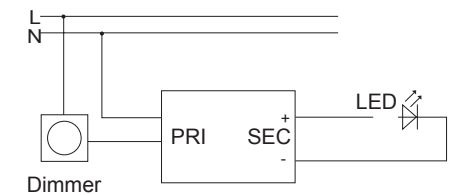


DIM40/12V



DIM40/24V

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) |
|-----------|----------------|---------------|-----------|-----------|--------------|---------------------------|
| DIM40/12V | 240/50 | 12 | 40 | 5 | 0.9 | 155 x 43 x 26 |
| DIM40/24V | 240/50 | 24 | 40 | 5 | 0.9 | 155 x 43 x 26 |

For terms of catalogue data use, refer to INDEX





CONSTANT CURRENT



DIM550 DP/NR - 23W

Australian approved dimmable constant current LED driver with selectable power.

Application

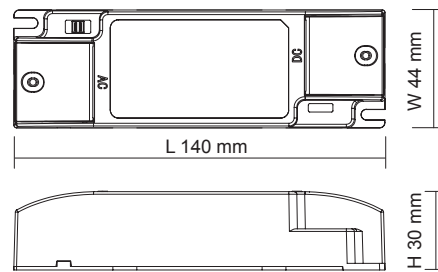
The perfect choice for constant current electronic lighting circuits

Design Specifications

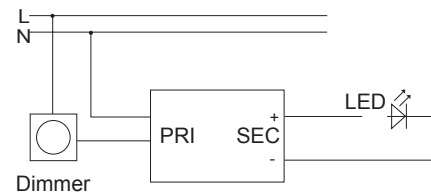
- Compact design, SELV, EMC compliant
- Safe no load, overload, short circuit protection
- Integral selectable output current 350/550mA
- Dimmable with a trailing edge dimmer, delivering flickerCONTROLLED driver performance. Recommended SAL trailing edge dimmers SDD400U, SDA450U/LED, SDD350UM, SDD300BTAM
- Electrical class II, Do Not Cover



Dimensions



Wiring Diagram



Performance

- Dimmable - Trailing edge



Technical Specifications

| Model No. | Input (V)/(Hz) | Output Current (mA) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|----------------|----------------|---------------------|-----------|--------------|-----------|---------------------------|
| DIM550/23DP/NR | 240/50 | 350/550 | 23 | 0.9 | IP20 | 140 x 44 x 30 |



TC SELECTABLE COLOUR

CONSTANT CURRENT



DIM700 DC/NR - 28W

Australian approved dimmable constant current LED driver with selectable Power and CCT

Application

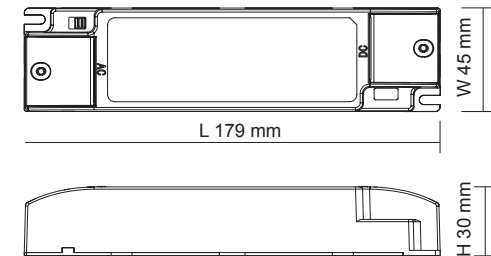
The perfect choice for constant current electronic lighting circuits

Design Specifications

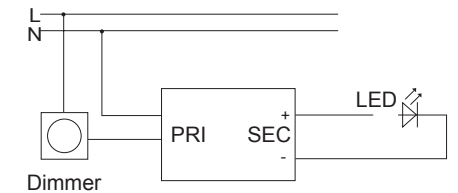
- Compact design, SELV, EMC compliant
- Safe no load, overload, short circuit protection
- Integral selectable output current (500/700mA)
- Integral selectable CCT with approved SAL products
- Dimmable with a trailing edge dimmer, delivering flickerCONTROLLED driver performance. Recommended SAL trailing edge dimmers SDD350UM, SDD400U, SDD300BTAM, SDA450U/LED
- Electrical class II, Do Not Cover



Dimensions



Wiring Diagram



Performance

- Dimmable - Trailing edge



Technical Specifications

| Model No. | Input (V)/(Hz) | Output Current (mA) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|----------------|----------------|---------------------|-----------|--------------|-----------|---------------------------|
| DIM700/28DC/NR | 240/50 | 500/700 | 28 | 0.9 | IP20 | 179 x 45 x 30 |





TC SELECTABLE COLOUR

CONSTANT CURRENT



DIM1200 DC/NR - 48W

Australian approved dimmable constant current LED driver with selectable Power and CCT

Application

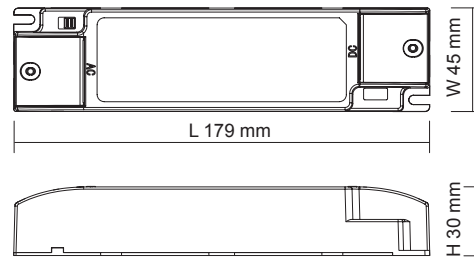
The perfect choice for constant current electronic lighting circuits

Design Specifications

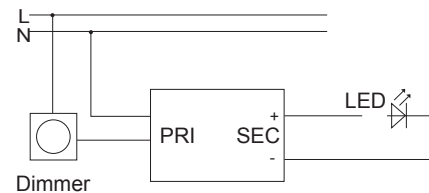
- Compact design, SELV, EMC compliant
- Safe no load, overload, short circuit protection
- Integral selectable output current (1000/1200mA)
- Integral selectable CCT with approved SAL products
- Dimmable with a trailing edge dimmer, delivering flickerCONTROLLED driver performance, recommended SAL trailing edge dimmers SDD350UM, SDD400U, SDD300BTAM, SDA450U/LED
- Electrical class II, Do Not Cover



Dimensions



Wiring Diagram



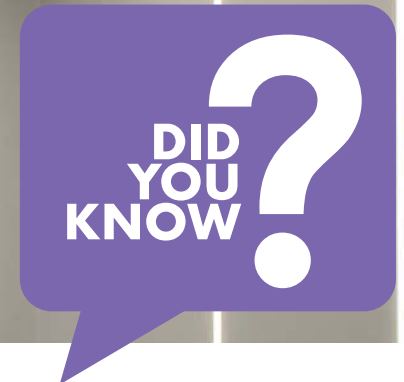
Performance

- Dimmable - Trailing edge



Technical Specifications

| Model No. | Input (V)/(Hz) | Output Current (mA) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|-----------------|----------------|---------------------|-----------|--------------|-----------|---------------------------|
| DIM1200/48DC/NR | 240/50 | 1000/1200 | 48 | 0.9 | IP20 | 179 x 45 x 30 |



What is the importance of EMC? Electromagnetic Compatibility, defines the use of different electronic devices (such as electrical appliances, medical equipment, LEDs 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.





MAGNETIC WEATHERPROOF ST SERIES

Australian approved 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
- Non dimmable
- 1.2 m flex & plug fitted
- Output fly leads at secondary end
- IP66
- Electrical class II, Do Not Cover

Performance

- Non-dimmable



Technical Specifications

| Model No. | Input (V)/(Hz) | Output (V AC) | 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 | 225 x 150 x 80 |



MINI 60 & MINI/P60

Australian approved electronic transformer 12V AC-AC

Application

Dimmable trailing or leading edge electronic transformer for SELV lighting equipment

Design Specifications

- Overload and short circuit protection
- Overheating protection
- Safe no load operation
- Dimmable with compatible trailing or leading edge dimmers
- Mini60 is hardwired termination, Mini/P60 is supplied with flex and plug
- Minimum / Max loads - LED 1 watt min / 20 watt max HALOGEN 20 watt min / 60 watt max
- Note: minimum load compatibility with a dimming device, may be subject to the inclusion of a load correction capacitor/s in the circuit.
- Electrical class II, Do Not Cover

Performance

- Dimmable - Trailing or leading edge



Technical Specifications

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

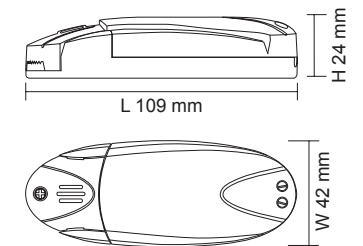


MINI60



MINI/P60

Dimensions



For terms of catalogue data use, refer to INDEX





CONSTANT VOLTAGE

PLUTO EGL

Australian approved constant voltage LED power supply, 6 watt

Application

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

Design Specifications

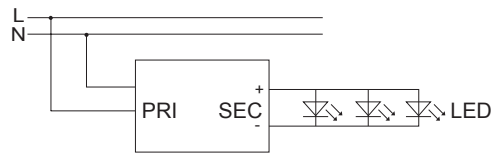
- SELV and EMC compliant
- Safe no load operation,
- Non-dimmable
- Overload and short circuit protection
- Hard wired termination design
- Electrical class II, Do Not Cover

Performance

- Non-dimmable



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 |



CONSTANT VOLTAGE

PLUTO 15DV, 40DV, 60DV

Australian approved dual voltage selection, constant voltage LED power supply

Application

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

Design Specifications

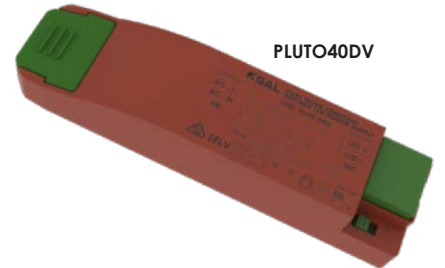
- SELV and EMC compliant
- Safe no load operation,
- Non-dimmable
- Overload and short circuit protection
- Hard wired termination design
- 15, 40, 60 watt capacity with selectable 12V DC or 24V DC secondary outputs
- Electrical class II, Do Not Cover

Performance

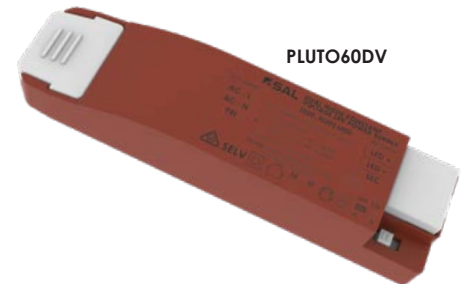
- Non-dimmable



PLUTO15DV



PLUTO40DV



PLUTO60DV

Technical Specifications

| Model No. | Input (V)/(Hz) | Output (V DC) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|-----------|----------------|---------------|-----------|--------------|-----------|---------------------------|
| PLUTO15DV | 240/50 | 12/24 | 15 | 0.8 | IP20 | 99 x 39 x 23 |
| PLUTO40DV | 240/50 | 12/24 | 40 | 0.9 | IP20 | 160 x 40 x 30 |
| PLUTO60DV | 240/50 | 12/24 | 60 | 0.9 | IP20 | 160 x 40 x 30 |

For terms of catalogue data use, refer to INDEX





CONSTANT VOLTAGE



PLUTO 100 - 250 FC

Australian approved constant voltage flickerCONTROL LED power supply, 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, non-dimmable
- Overload and short circuit protection, flickerCONTROLLED performance
- 1.2m flex and plug fitted for easy installation, output (secondary) end is provided with rubber fly leads
- Durable metal casing IP67
- Electrical class I, Do Not Cover.

Performance

- Non-dimmable



Technical Specifications

| Model No. | Input (V)/(Hz) | Output (V DC) | Power (W) | Min. Load (W) | Power Factor | Dimensions (L x W x H mm) |
|-----------------|----------------|---------------|-----------|---------------|--------------|---------------------------|
| PLUTO100/12V/FC | 240/50 | 12 | 100 | 1 | 0.95 | 170 x 61 x 34 |
| PLUTO100/24V/FC | 240/50 | 24 | 100 | 1 | 0.95 | 170 x 61 x 34 |
| PLUTO200/12V/FC | 240/50 | 12 | 200 | 1 | 0.95 | 227 x 61 x 34 |
| PLUTO200/24V/FC | 240/50 | 24 | 200 | 1 | 0.95 | 227 x 61 x 34 |
| PLUTO250/24V/FC | 240/50 | 24 | 250 | 1 | 0.95 | 227 x 61 x 34 |



CONSTANT CURRENT

PLUTO 650/1150 QP

Australian approved 1-10V dimmable constant current LED driver with selectable output

Application

The perfect choice for constant current electronic lighting circuits

Design Specifications

- SELV and EMC compliant, safe no load operation
- Compact design profile
- Overload and short circuit protection
- Dimmable 1-10V, dimming range 10%~100%
- Secondary output range 650/500/350/200mA (PLUTO 650/30QP/A), 1150/1000/850/700mA (PLUTO 1150/60QP/A)
- Auxiliary 12V DC power source (maximum sink current 40mA)
- Electrical class II, Do Not Cover.

Performance

- Dimmable - 1-10V




Technical Specifications

| Model No. | Input (V)/(Hz) | Output Current (mA) | Power (W) | Power Factor | IP Rating | Dimensions (L x W x H mm) |
|-------------------|----------------|---------------------|-----------|--------------|-----------|---------------------------|
| PLUTO 650/30QP/A | 240/50 | 650/500/350/200 | 28 | 0.9 | IP20 | 140 x 46 x 30 |
| PLUTO 1150/60QP/A | 240/50 | 1150/1000/850/700 | 60 | 0.9 | IP20 | 180 x 46 x 30 |





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