SAL

2024/25

SMARTER
LIGHTING
CHOICES

A diverse selection of residential and commercial electrical accessories.

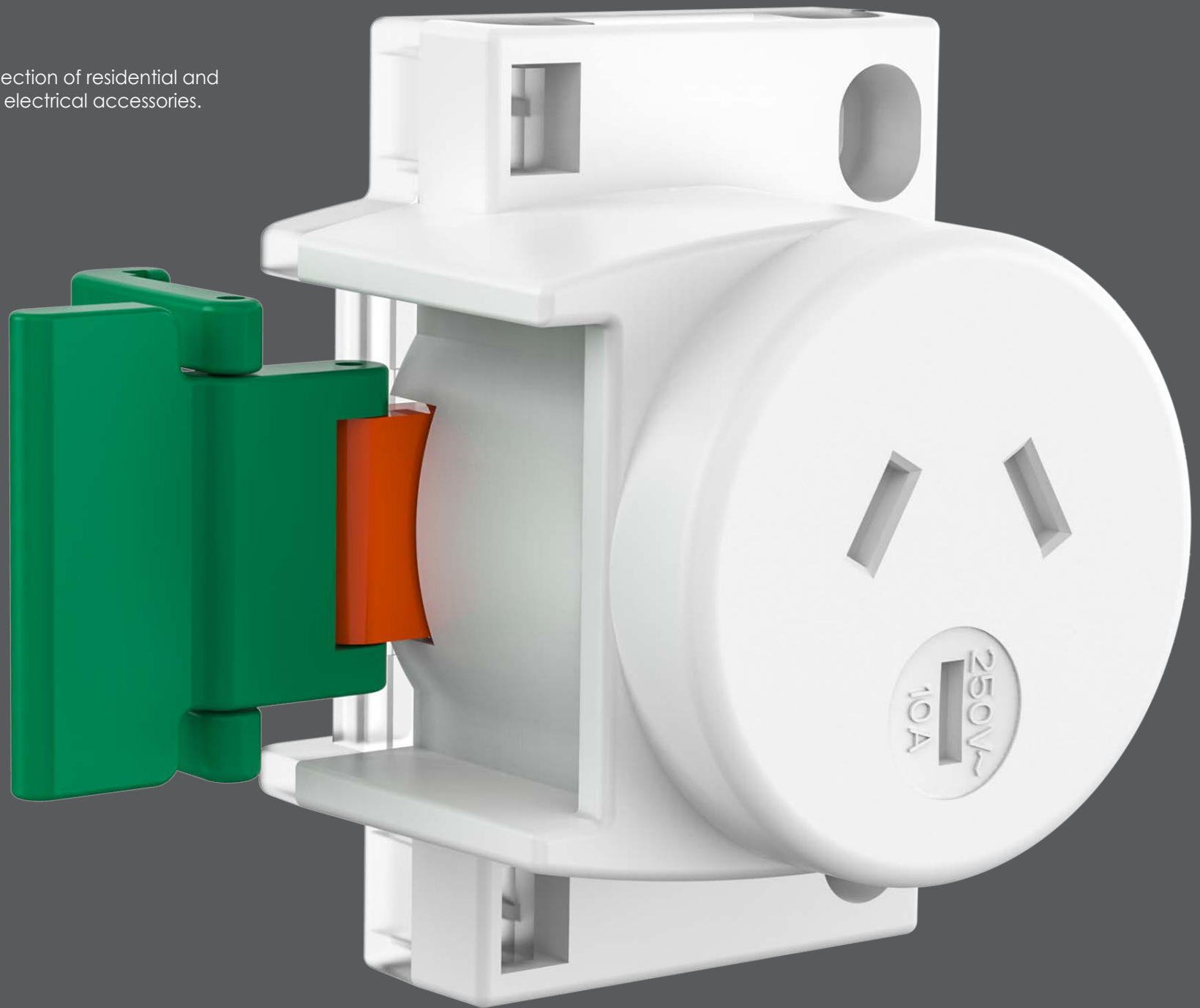| P540 | 1-10V SDF30 | P541 | ANALOGUE SDA450U/LED |
P542	DIGITAL DIM SDD350UM	P543	DIGITAL SEC SDD300US
P544	PORTABLE SHL008	P545	CONCRETE CAN S9913
P546	ROTARY DIM SDD400U	P548	SURFACE SOCKET ESS102
P549	SURFACE SOCKET ESS106	P550	SURFACE CONNECT ESS107
P552	SUSPENSION DROPS		

250V~
10A

1-10V DC DIMMING CONTROLLER - SDF30

1-10V analogue rotary dimming control

Application

Ideal for residential and commercial lighting control requirements

Design Specifications

- 1-10V rotary analogue dimming controller
- Fit most popular switch plates
- Note: maximum quantity of connected devices is 30 or a maximum current sink of 50mA

## Performance

- Dimmable - Analogue 1-10V DC

DIMMABLE   IP20   ta25

Dimensions

53 mm

23 mm

23 mm

Wiring Diagram

```
1 – 10V Dimmable LED Driver          LOAD
+                               +
– 1 – 10V Control

L ~ N
240V   SDF30  1-10V Dimmer
```

Technical Specifications

Model No.	Output (V DC)	Min / Max loads	Colour	Dimensions (L x W x H mm)	Operating Temp.
SDF30	1-10	< 30 PCS (Max. current sink 50mA)	White	53 x 23 x 23	0 - 25 °C

100% AUSTRALIAN OWNED AND OPERATED
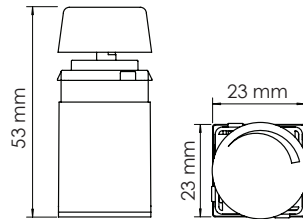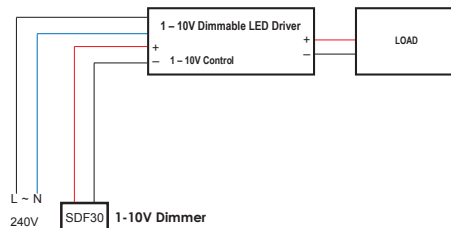
ANALOGUE DIMMER - SDA450U/LED

Trailing edge analogue dimmer designed for LED sources

Application

Residential and commercial lighting control requirements

Design Specifications

- Trailing-edge analogue dimmer, 240V, maximum load up to 400W LED, minimum 2W, no neutral required.
- Supplementary ON/OFF switch control required.
- Fits most popular switch plates, including the comprehensive range of PIXIE AMBIENCE electrical (switch plate) accessories
- Designed with over-heating protection, compliant with AS/NZS 60669 2.1
- Adjustable minimum DIM mech setting, utilizing the (manual) DIM dial rotation setting. For lighting loads with selectable half power options, always DIM using 100% selected power.
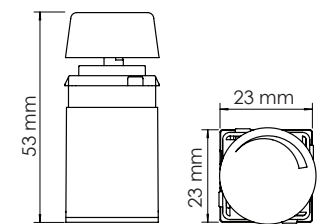
Performance

- Dimmable - Trailing edge

DIMMABLE   IP20   ta25

Dimensions

53 mm

23 mm

23 mm

Wiring Diagram

```
L                Load
    Load
  Dimmer
N

L       Load      Load
              Load
          Dimmer
N
```

Technical Specifications

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimensions (L x W x H mm)	Operating Temp.
SDA450U/LED	240/50	2W/400W	White Dial	53 x 23 x 23	0 - 25 °C

For terms of catalogue data use, refer to INDEX
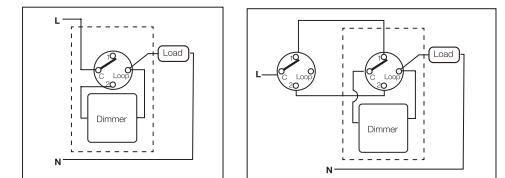
DIGITAL DIMMER - MASTER SDD350UM
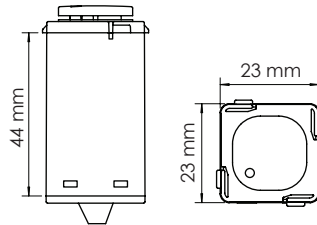
MASTER- universal digital dimmer

Application

Smart lighting controls for residential and commercial applications
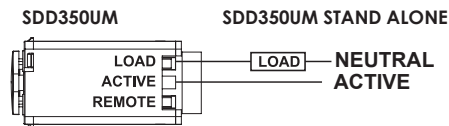
Design Specifications

- Push button control for trailing or leading edge dimming, with soft start and soft off technology
- Colour temperature selection functionality is achieved when used with compatible SAL downlights (S9842CS/WH)
- Multiple-location dimming by connecting SDD350UM with any number of secondary dimmers SDD300US can be achieved.
- Fit most popular switch plates, three complimentary mech caps provided
- Overheating and over current protection, full short circuit protection
- Programmable minimum brightness level
- Compliant to AS/NZS60669.2.1
- Supports ceiling sweep & exhaust fan < 60 watt loads in leading edge mode only.

Performance

- Dimmable - Trailing & Leading edge

DIMMABLE   IP20   ta25

Dimensions

44 mm   23 mm   23 mm

Wiring Diagram

SDD350UM   SDD350UM STAND ALONE

LOAD
ACTIVE
REMOTE   LOAD   NEUTRAL
ACTIVE

Technical Specifications

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimensions (L x W x H mm)	Operating Temp.
SDD350UM	240/50	5W/300W	White	44 x 23 x 23	0 - 25 °C

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DIGITAL DIMMER - SECONDARY SDD300US
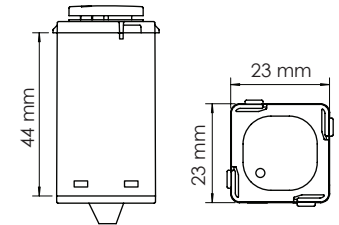
SECONDARY- universal digital dimmer

Application

Smart lighting controls for residential and commercial applications

Design Specifications

- Push button control for trailing or leading edge dimming via the MASTER connection
- Multiple-location dimming by connecting SDD350UM with any number of secondary dimmers SDD300US can be achieved.
  NOTE: the total length of the remote wire (>0.5mm²) used to interconnect all of the SDD300US should not exceed 50 metres.
- Fit most popular switch plates
- Overheating and over current protection, full short circuit protection
- Programmable minimum brightness level
- Compliant to AS/NZS60669.2.1

Performance

- Dimmable - Secondary switch, dimming by SDD350UM only

DIMMABLE   IP20   ta25

Dimensions

44 mm   23 mm   23 mm

Wiring Diagram

SDD350UM   SDD350UM connected to SDD300US

LOAD
ACTIVE
REMOTE   LOAD   NEUTRAL
ACTIVE

SDD300US

ACTIVE
REMOTE   SDD300US
TO ADDITIONAL

Technical Specifications

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimensions (L x W x H mm)	Operating Temp.
SDD300US	240/50	5W/300W	White	44 x 23 x 23	0 - 25 °C

For terms of catalogue data use, refer to INDEX

SAL
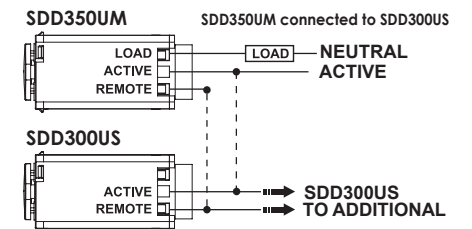
PORTABLE LED HEAD LAMP
SHL008

Portable LED Head lamp

Application

Super bright rechargeable LED head lamp, ideal for all trades and outdoor camping activities

Design Specifications

- Designed with a rechargeable Lithium battery for long life, 5 watt.
- Designed with dual switching, with full & half power or flashing
- Detachable long USB lead included
- Adjustable elasticated head strap
- Reliable performance with a 4 hour battery life from full charge
- High performance optical design with an adjustable beam angle, wide to narrow

IP20 **ta25**

Designed with two rechargeable long life Lithium batteries

Adjustable elasticated head strap

Detachable 600mm long USB2.0 lead included

High performance optical design with an adjustable beam

Technical Specifications

Model No.	Power (W)	Lumen (lm)	Operating Time	Recharging	Belt Colour	Dimensions (L x W x H mm)
SHL008	5	300	4 hours	USB2.0 port	Black	220 x 210 x 160

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CONCRETE CAN INSERT
S9913

Designed for SAL luminaires: S9003, S9041, S9141, S9046, S9065, S9071, S9048, S9146
Material, aluminium construction
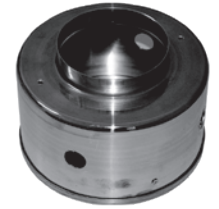
S9913

2 PIN FLEX & PLUG
2S9000

250V, 10Amp, Colour black,
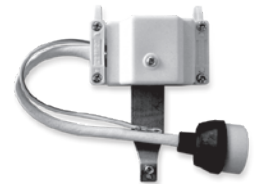2 x pin flex and plug, 2 x 0.75mm²

2S9000

3 PIN FLEX & PLUG
3S9000

3 x pin flex and plug, 3 x 0.75mm²,
250V, 10Amp, Colour black:
3S9000 - 1200mm long
3S9000/2 - 2000mm long

3S9000
3S9000/2

GU10 LAMPHOLDER
SGU9000LH

GU10 base lampholder,
250V maximum 2A rated

SGU9000LH

ELV LAMP HOLDER
S9000LH

S9000 LH push in MR16 base, rated voltage 25V DC, rated current 5A

S9000LH

E27 LAMPHOLDER
SLH100

E27 lampholder, 250V Max. 100W rated

SLH100

For terms of catalogue data use, refer to INDEX

TRAILING/LEADING

ROTARY DIMMER - UNIVERSAL
SDD400U

Universal, multi-function digital dimmer 2 - 400W

Application

Residential and commercial lighting control requirements

Design Specifications

- Multi-function trailing edge or leading edge digital dimmer with soft start and soft off technology, with no neutral termination required
- 240V, load rating 2 - 400W, load compatibility and multi-gang configuration de-rating values, refer to the installation sheet
- Fit most popular switch plates
- Designed with over-heating protection, compliant with AS/NZS 60669 2.1
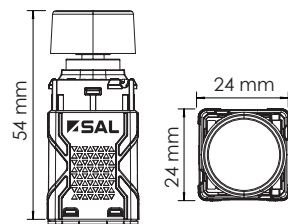- Colour temperature selection functionality is achieved when used with SAL S9842CS/WH

Performance

- Dimmable - Trailing & Leading edge

DIMMABLE   IP20   ta25

DiY Colour Select
3000K • 4000K • 6000K

Dimensions

54 mm
24 mm
24 mm

Technical Specifications

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimensions (L x W x H mm)	Operating Temp.
SDD400U	240/50	2W/400W	White Dial	54 x 24 x 24	0 - 25 °C

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DIMMING CONTROLS JUST GOT A LOT EASIER

- SDA450U/LED - 2/400 Watt lighting loads, analogue trailing edge with soft start technology - **best choice for LED loads**

- SDD350UM - 5/300 Watt lighting or <60 Watt fan loads, universal (master) digital trailing edge or leading edge push button control, with (secondary) connectivity and programmable minimum dim setting - **best choice for two way dimming**

- SDD400U - 2/400 Watt lighting loads, multifunction digital trailing or leading edge with rotary control, push ON/OFF and programmable minimum dim setting - **best choice for rotary push ON/FF control.** * DIY colour select with compatible SAL downlights only

- SDD350BT G2 - 2/350 Watt lighting loads, with push button Digital, Bluetooth, with (secondary) connectivity and programmable minimum dim setting - **best choice for smart controls**

- SDD300BTAM G3 - 2/300 Watt lighting loads, with push button Digital, Bluetooth, with (secondary) connectivity and programmable minimum dim setting - **best choice for advanced smart controls**

For Smart controls, refer to the Smart Home Controls

DiY Colour Select Inside *

DiY Colour Select Inside *

SURFACE SOCKET
ESS102

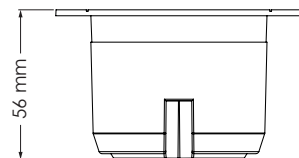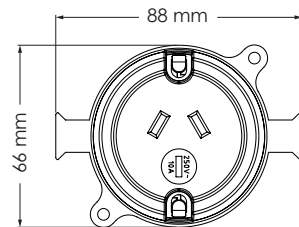Standard surface socket 240V / 10A rated, compliant to AS/NZS3112:2017

Application

Australian approved electrical accessories, saving installation time and money

Design Specifications

- Australian approved three pin 240V, 10A socket, compliant to AS/NZS3112:2017
- Innovative transparent rear termination inspection cover
- Durable polycarbonate construction
- Designed to suit 1.0mm² to 2.5mm² FLAT twin and earth TPS, for installation by a qualified electrical installer
- Colour white

IP20 **ta40**

Dimensions

88 mm

66 mm

56 mm

Technical Specifications

Model No.	Input (V)/(Hz)	Max. Loads	Dimensions (D x H mm)	Type	Suitable Conductors
ESS102	240/50	10A	φ 66 x 56	Surface	1mm² - 2.5mm² solid or stranded TPS

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SURFACE SOCKET
ESS106

Compact surface socket 250V / 10A rated, compliant to AS/NZS3112:2017

Application

Australian approved electrical accessories, saving installation time and money

Design Specifications

- Compact design to suit a 70mm cut-out
- Australian approved three pin 250V, 10A socket, compliant to AS/NZS3112:2017
- Innovative transparent rear termination inspection cover
- Durable polycarbonate construction
- Designed to suit 1.0mm² to 2.5mm² FLAT twin and earth TPS, for installation by a qualified electrical installer
- Colour white

70 mm CUTOUT

IP20 **ta40**

Dimensions

84 mm

60 mm

46 mm
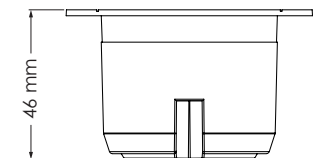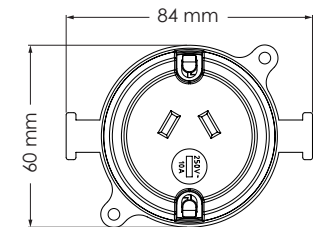
Technical Specifications

Model No.	Input (V)/(Hz)	Max. Loads	Dimensions (D x H mm)	Type	Suitable Conductors
ESS106	250/50	10A	φ 60 x 46	Surface	1mm² - 2.5mm² solid or stranded TPS

For terms of catalogue data use, refer to INDEX

ELECTRICAL ACCESSORIES

SURFACE SOCKET -
QUICK CONNECT ESS107

Inline socket 250V / 10A rated

Application

Inline surface socket designed to save you installation time and money

Design Specifications

- Australian approved three pin 250V, 10A socket, compliant to AS/NZS3112:2017
- Secure clip lock design
- Innovative transparent rear termination inspection cover
- Durable polycarbonate construction
- Designed to suit 1.0mm² to 2.5mm² FLAT twin and earth TPS, stranded or solid conductors.
- Colour white

IP20   ta40

Dimensions

70 mm
56 mm
45 mm
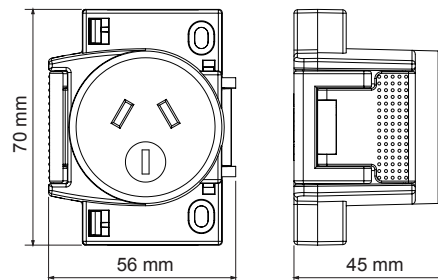
Technical Specifications

Model No.	Input (V)/(Hz)	Max. Loads	Dimensions (L x W x H mm)	Type	Suitable Cable Conductor
ESS107	250/50	10A	70 x 56 x 45	Quick connect	1.0mm², 2.5mm² stranded or solid FLAT TPS

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Berkshire
White Duck   W
Spanish Olive   W

SAL

DID YOU KNOW?

In the interest of safety and product performance, all electrical accessory components are covered by mandatory Australian and International Safety Standards. Always look out for the RCM logo on the product and if in doubt, check the compliance via your local Electrical regulator.

SUSPENSION DROPS

Multi-function LED panel, weatherproof, track and linear extrusion suspension drops

Application

Panel, weatherproof and linear extrusion accessories for retail, residential and commercial applications
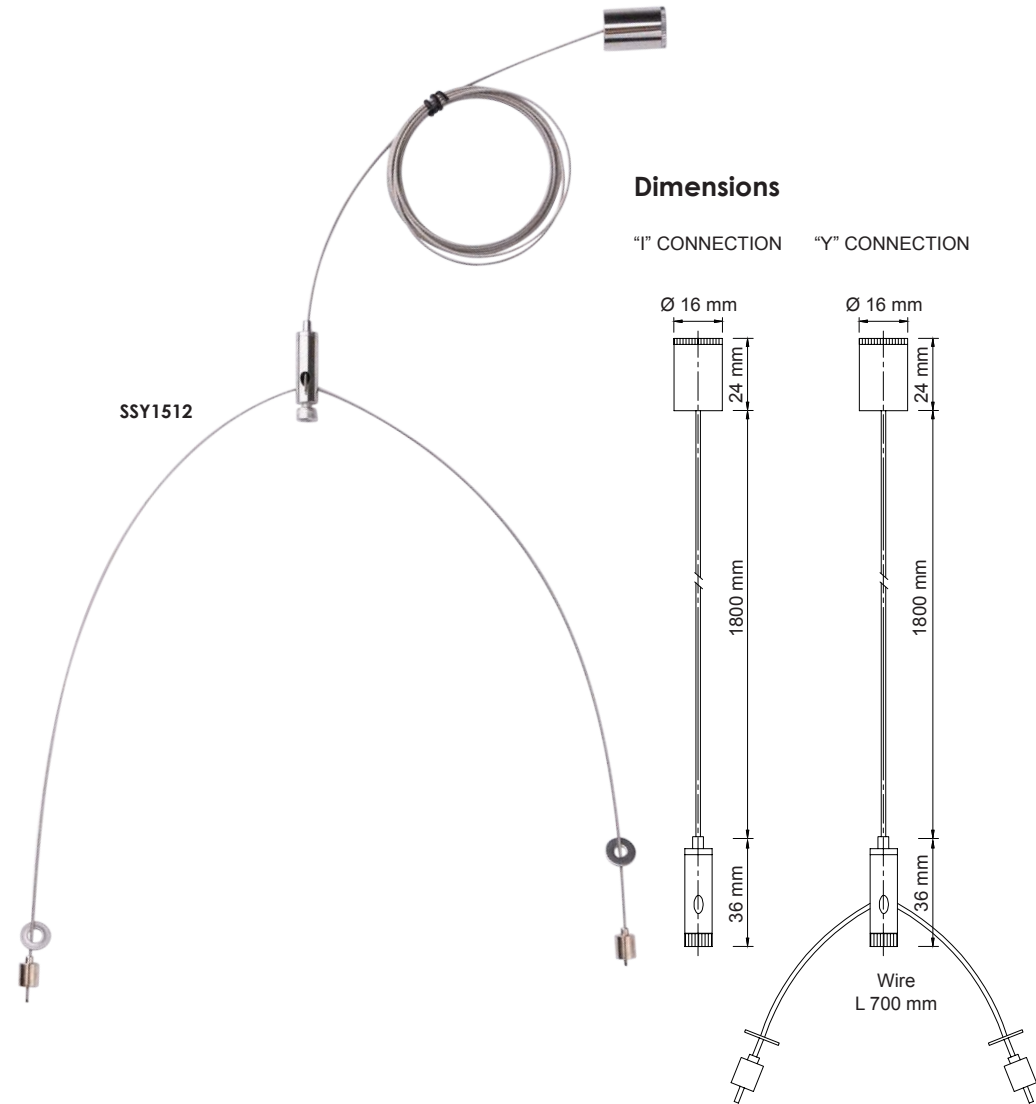
Design Specifications

- M10 size ceiling attachment
- 1.2 mm stainless steel wire, maximum load per drop is 15kg
- M10 size griplock system
- **NOTE:** SSI1512 and SSY1512 codes represent one (1) wire drop only.
- **NOTE:** S97X4KIT contains (4) four brackets and (2) two Y shape suspension drops

SSI1512

SSY1512

Dimensions

"I" CONNECTION   "Y" CONNECTION

Ø 16 mm   Ø 16 mm

24 mm   24 mm

1800 mm   1800 mm

36 mm   36 mm

Wire
L 700 mm

Technical Specifications

Model No.	Colour	Length (mm)	Connection
SSI1512	Stainless Steel	1800	'I'' SUSPENSION DROP
SSY1512	Stainless Steel	1800	'Y'' SUSPENSION DROP
S97X4KIT	Stainless / Steel	1800	'Y'' SUSPENSION DROP INCLUDES 4 X BRACKETS AND 2 X Y-DROPS

For terms of catalogue data use, refer to INDEX

2024/25