

**IMPORTANT:** IN THE INTEREST OF PRODUCT PERFORMANCE AND SAFETY PLEASE READ THESE INSTALLATION AND WARRANTY INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.



SAL products are designed in accordance with all mandatory International and Australian Standards, which require installation by a qualified installer and regular cleaning and maintenance of the equipment. Products are sold in accordance with the following instructions and SAL standard terms and conditions of sale, available via [www.sal.net.au](http://www.sal.net.au).

**Push Button Dimmer SDD300UM with secondary SDD300US option** product electrical and Installation specification effective 11.5.2020.

Model #	Input	Min / Max loads	Colour	Dimension L x W x H	Dimming Technique
SDD350UM	240V <sub>AC</sub>	5W*/300W	WHITE	44 x 23 x 23 mm	Trailing & Leading edge
SDD300US**	240V <sub>AC</sub>	5W*/300W	WHITE	44 x 23 x 23 mm	Secondary switch, dimming by SDD350UM

\* Dimming performance will be affected when the load is less than 5W.

\*\*Compatible only with SDD300UM

Nominal frequency (Hz)	- 50	Product installation orientation	- Horizontal wall mount
Operating ambient min/max (°C)	- 0 to 40	Product application	- Interior residential
Operating humidity	- +10% to 85% RH, NC	Pixie connectivity	- No
Storage ambient limit (°C)	- 0 to 60	IP rating*	- 20
Storage humidity	- +10% to 85% RH, NC	Attachment type	- N/A

IP rating for interior products: The designated IP rating is "from below the ceiling" unless otherwise specified.

IP rating ALL products: Termination of the product must be made in accordance with the IP rating.

#### Multi-gang de-rating

No. of dimmers	Max. Load per Dimmer
1	300W
2	250W
3	200W
4	150W

#### Load compatibility

Compatible Loads	
LED fixture with trailing edge dimming driver	TE auto/TE
240V halogen lamp	TE auto/TE/LE
Incandescent lamp	TE auto/TE/LE
Low voltage halogen with electronic transformer	TE auto/TE
Dimmable CFL	TE auto/TE
Low voltage halogen with magnetic transformer	LE
Fan motor	LE

TE = Trailing Edge, LE = Leading Edge

**IMPORTANT NOTE:** When connecting with iron-core transformers or Motor-Loads, only Leading Edge mode (LE) is compatible, the TE auto mode is not suitable for these circuits.

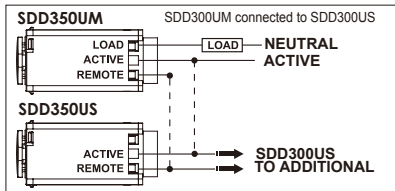
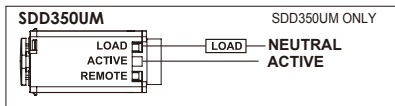
#### General product application requirements:

- Recycling:** SAL encourages recycling, please consider the environment when disposing of packaging & components.
- Switching or test intervals** – For optimum product performance, good design practice does not encourage 24/7 operation of lighting products without the provision of a routine switching or regulatory test cycle. As a guide for continual operation installations, a twelve (12) hour duration for Industrial and Commercial applications and a six (6) hour duration for Residential applications should be considered.
- Adverse, corrosive and coastal installation environments** – Unless the product is specifically designated for such conditions in these installation instructions, which is supported by a professional maintenance program; installation of equipment in such environments is not recommended.

4. **Dimming products** – Dimming circuits and product compatibility must be validated by the installer before installation; SAL cannot be responsible for third party changes in dimmer compatibility.

5. **Specific installation procedures & feature:**

Multiple-location dimming by connecting SDD350UM with any number of secondary dimmers SDD300US as shown in "wiring diagram"



**Note:** An unlimited number of SDD300US can be connected to a SDD350UM. However, the total length of the remote wire (0.5 mm<sup>2</sup>) used to connect the SDD300US should not exceed 50 metres.

**Replacement key caps:**

Complimentary key caps are provided to suit HPM\* and CLIPSAL\* 30 mech & Saturn style wall plates.

\*HPM is a Trademark of Legrand

\*CLIPSAL is a Trademark of Schneider Electric

**Operation Instructions:**

1. **ON/OFF Switch**

Switching ON or OFF is activated by a quick tap of the key cap. When turning the lights ON, they will return to the last brightness setting used.

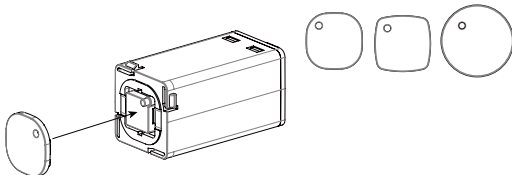
2. **Dimming**










Dimming Up or Down is activated by a press and hold action.

3. **Setting the minimum brightness:**





Remove the key cap, then press the setting button to set the minimum brightness, by following the steps below.

**NOTE: all steps must be performed within 10 seconds to activate the settings.**



Pictorial actions			Activation steps
1	 SET Button  	(a) When the switch is <b>ON</b> , press the SET Button. (b) The lamp will activate and move to the minimum brightness level.	
2	 DIM Button  	(a) Press and hold the DIM Button until the desired minimum brightness level is achieved, then release the DIM button.	
3	 SET Button  	(a) Press the SET Button to save the minimum brightness setting.	

**4. Mode setting: How to set the TE auto, TE or LE mode (note: factory default is the TE auto mode): the four steps, must be completed within 10 seconds to activate the setting:**

Pictorial actions		Activation steps
1	SET Button  Indicator flash once	(a) Turn lamp <b>OFF</b> (b) Then <b>LONG PRESS</b> the SET Button around until the indicator LED flashes once, then release the SET button.
To select TE auto mode (Factory default) <b>SEE LOAD COMPATIBILITY</b>		
TE auto mode	SET Button  Indicator in <b>GREEN</b> Colour DIM Button	(a) Short press the DIM Button to select the <b>GREEN</b> indicator LED, then Short press the SET Button.
To select LE mode (for special required) <b>SEE LOAD COMPATIBILITY</b>		
LE mode	SET Button  Indicator in <b>RED</b> Colour DIM Button	(a) Short press DIM Button to select indicator in <b>RED</b> colour then Short press SET Button. It's confirmed and save setting.
To select TE mode (for special required) <b>SEE LOAD COMPATIBILITY</b>		
TE mode	SET Button  Indicator in <b>GREEN+RED</b> Colour DIM Button	(a) Short press DIM Button to select indicator in <b>GREEN+RED</b> colour, then Short press SET Button. It's confirmed and save setting.

## Warranty

In accordance with SAL's standard terms and conditions of sale, SAL warrant this product to be free from defects in materials and or workmanship for a period as stated below for goods not subject to incorrect installation, maintenance, operation, mishandling, environmental, unauthorised modifications or electrical operating conditions outside the nominated product specification as detailed in these installation instructions.

The benefits to you given by this warranty are in addition to other rights and remedies you have under law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Warranty term** – Twelve (12) months from date of purchase.

### How to make a claim?

**Step # 1** – Within 30 days of the fault discovery, please contact the original place of the SAL product purchase during standard (local) business hours with the following information **(a)** proof of purchase **(b)** description and quantity of the claimed fault **(c)** address of installation. **(d)** operating hours of the product.

**Step # 2** – It is then the responsibility of the original place of product purchase to report the matter to SAL after-sales:

NSW   ACT   QLD	– SAL Pty Ltd 40 Biloela Street Villawood NSW 2163	P # 02 9723 3099
VICT   TAS   SA   NT   WA	– SAL Pty Ltd 46-48 Keys Road Moorabbin Victoria 3189	P # 03 9532 3168

**Step # 3** – Upon review of your claim and if the product is required to be returned to SAL for technical evaluation, then at the owners expense the product must be returned to SAL as per the above nominated locations.

**Step # 4** – Pending the evaluation, the claim will be validated resulting in the product being repaired or replaced with the same or best equivalent product at the discretion of SAL, or rejected if the product fault was found to be caused by conditions beyond the responsibility of SAL warranty obligations. Consideration of installation, product removal, return freight and o testing fees are not the responsibility of SAL.