

**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).

Due to continued product and information updates, product data sourced from [sal.net.au](http://sal.net.au) shall not form part of any contract and or technical performance guarantee unless expressly confirmed in writing by SAL at the time of order.

**SDD400U UNIVERSAL ROTARY DIMMER** product electrical and installation specification effective 27/7/2020.

Model #	Input	Min / Max loads	Colour	Dimension L x W x H	Dimming Technique
SDD400U	240V <sub>AC</sub>	2W*/400W	WHITE	54 x 24 x 24 mm	Trailing & Leading edge

\* Dimming performance will be affected when the load is less than 2W.

Nominal frequency (Hz)	50	Product installation orientation	Horizontal wall surface mount
Operating ambient min/max (°C)	0 to 40	Product application	Interior residential or commercial
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	Incandescent Load per Dimmer	LED Load per Dimmer
1	400W	250W
2	350W	200W
3	300W	150W
4	250W	100W

#### LOAD COMPATIBILITY

Compatible Loads	Power	Dimming method
LED fixture with trailing edge dimming driver	2-250W	TE
240V halogen lamp	2-400W	TE/LE
Incandescent lamp	2-400W	TE/LE
Low voltage halogen with electronic transformer	2-400VA	TE
Dimmable CFL	2-400VA	TE
Low voltage halogen with magnetic transformer	2-400VA	LE
Fan motor	2-70VA	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 (where applicable) :**

- 1. Recycling:** SAL encourages recycling, please consider the environment when disposing of packaging & components.
- 2. Product maintenance** – In line with the relevant design standards and to protect your investment, it is important to have in place a routine cleaning program that reflects the installation environment and maintains the product in a clean and functional condition.
- 3. Adverse, corrosive and coastal installation environments** – Unless the product is specifically designated for such applications 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 & features:**

Model NO.	Click times	Function
SDD400U	1	Switch <b>ON/OFF</b>
	2*	Reset the colour temperature to 3000K
	3*	Select the colour temperature cyclically
	5**	Set the minimum brightness level at the current brightness (Indicator flash <b>3 Times</b> )
	6	Select the dimming type between leading edge and trailing edge ( TE: Blue indicator / LE: Red indicator)
	7	Clear the minimum brightness setting (Indicator flash <b>4 Times</b> )
	9	Factory reset (Indicator flash <b>4 Times</b> )
	Press and hold or rotate	Dimming up or down (Indicator flashing when reaching the minimum brightness)

\* Colour temperature functionality is only available when using SAL products S9841 or S9842CS.

\*\* The light fixture must have dimming functionality.

- 6. 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 aftersales;

NSW   ACT   QLD	– SAL National Pty Ltd, 40 Biloela Street Villawood NSW 2163	P # 02 9723 3099
QLD	– SAL National Pty Ltd, 36 Whitelaw Place Richlands QLD 4077	P # 07 3879 5999
VICT   TAS   SA   NT	– SAL National Pty Ltd, 46-48 Keys Road Moorabbin Victoria 3189	P # 03 9532 3168
WA	– SAL National Pty Ltd, 29 Beringarra Av Malaga WA 6090	P # 08 9248 7458

**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.