

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, which are available via www.sal.net.au.

PUSH BUTTON SMART DIMMER SDD350BT G2 product electrical and installation specification effective 3/07/2019.

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimension L x W x H (mm)	Dimming Technique	Wireless
SDD350BT G2	240/50	2W*/350W	White	40 x 24 x 38	Trailing edge	Bluetooth Mesh Technology




*Subject to product capability, this size load may require the inclusion of the LOAD capacitor included in the product carton.

Nominal frequency (Hz)	50	Product installation orientation	Horizontal wall mount
Operating ambient min/max (°C)	0 to 40	Product application	Interior residential or commercial
Operating humidity	10% to 85% RH, NC	Pixie connectivity	Yes
Storage ambient limit (°C)	0 to 40	*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 switch	Resistive load (Incandescent lamp, High voltage halogen lamp)	Capacitive load (Dimmable LED)
1	350W	200VA
2	240W	150VA
3	180W	100VA

LOAD COMPATIBILITY

Compatible Loads		
	Incandescent lamp	Yes
	240V halogen lamp	Yes
	LED fixture with trailing edge dimming driver	Yes

General product application requirements (where applicable) :

- CCT or POWER selection (where supplied)** – IMPORTANT, where CCT or POWER selection switching is provided, it is important to switch OFF the SUPPLY before the CCT selection is made, otherwise equipment damage may occur.
- Recycling** – SAL encourages recycling, please consider the environment when disposing of packaging, batteries & 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 six (6) hour duration for Residential applications should be considered.
- 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.
IMPORTANT - The supply must be isolated before any product maintenance or cleaning is conducted. In addition, damage to ANY cable or cord supplied with the product must be addressed as follows; For attachment type X having a specially prepared cable, if the external flexible cable is damaged, it must be replaced by an equivalent cable exclusively available from the manufacturer or authorised installer. For attachment type Y, if the external flexible cable is damaged, it must be exclusively replaced by an equivalent cable by the manufacturer or authorised installer. For attachment type Z, if the external flexible cable is damaged, the cable cannot be replaced and the luminaire must be destroyed.
- Adverse, corrosive and coastal installation applications** – 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.
- 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.
- Suspended products** – For installation safety, any suspended products must NOT be installed in high air movement spaces or locations subject to impact.
- Light source replacements** – (non-replaceable light sources) - The light source of the product is deemed not replaceable, when the product reaches its end of life, the complete product must be replaced by a qualified installer. (Non-user replaceable light sources) - The light source of the product must only be replaced by the manufacturer or qualified installer. **Caution, risk of electric shock.**
- Interior downlights and sensors with remote drivers** – The mounting facilities provided for the transformer/driver (if any), need only be utilized if in the application of the product is required by AS3000. Drivers are not designed for installation environments that restrict conventional airflow.
- Floodlight products** – Unless nominated aiming restrictions or installation parameters apply, products are designed for installation environments between ground and 15 metres in height, subject to the desired optical performance being achieved.

11. Specific installation procedures & feature: (if any)

- Fits most branded switch plates
- Over temperature protection
- Overload protection
- Short circuit protection
- Complies with Australian and New Zealand Standard: AS/NZS 60669.2.1
- Fits 1-, 2-, or 3-gang wall plates
- Smart functions via phone/tablet with the SAL PIXIE app
- LED indicator shines bright when the dimmer is on, and faint when the dimmer is off for locating in the dark
- LED indicator can be enabled and disabled through the PIXIE or PIXIE Plus app, when disabled, the indicator is off at OFF state, and lit at ON state

Operation instruction

(1) ON/OFF switch

- A quick tap of the button will turn the lights ON or OFF.
- When turning the lights ON, they will adjust to the last used brightness setting.

(2) Dimming

- When the lights are on, long press the button to dim up or down, release the button to stop.
- When the lights are off, long press the button to turn on lights at minimum brightness and increase brightness, release the button to stop.

(3) Short cut to Max. brightness

- When the lights are on, double click to directly set lights to maximum brightness.
- When the lights are off, double click to directly set lights to maximum brightness.

(4) Setting minimum brightness

- Adjust brightness of lights to required minimum brightness, quickly click 5 times to set the minimum brightness. LED indicator will flash 3 times if successfully set.
- Please reset minimum brightness prior to setting a new minimum brightness.

(5) Reset minimum brightness

- When the lights are on, quickly click 7 times to reset the minimum brightness. LED indicator will flash 5 times if successfully set.

(6) Reset to factory

- When the lights are on, quickly click 9 times to reset to factory including minimum brightness and wireless configuration. Lights will go to maximum brightness if successfully reset.

Changing colour temperature (With compatible SAL products only)

- Triple click to switch to the next colour temperature (CCT).

Warm white → Cool white → Daylight



Long press to dim up/down at the selected colour temperature.
Release the button to stop.

Scan QR code or go to App store (IOS) or Google Play (Android) to download the free PIXIE app to your smart phone. IOS: Requires IOS 6.0 or later. Compatible with iPhone, iPad and iPad touch Android: Requires Android 4.4 or above, devices must support Bluetooth 4.0



Specifications above are for reference only and may vary without prior notice

12. Warranty – In accordance with SAL 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 for commercial use and twenty four (24) months for residential use 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 or testing fees are not the responsibility of SAL.

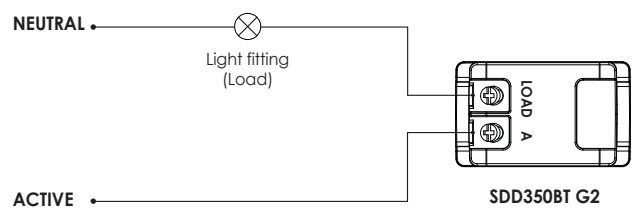
Installation instruction

1. Turn OFF the mains electricity supply before commencing installation
2. Check the load compatibility
3. Connect the dimmer according to wiring diagram
4. After turning ON the electricity supply, allow 5 seconds self-calibration before operation on the dimmer
5. Then check the dimmer operation by pressing the dimmer button

Extra Introduction for SDD350BT – Capacitor

SDD350BT has dimming compatibility with most trailing edge dimmable light fittings. The complimentary capacitor provided in the package is used to correct minor compatibility issues found between SDD350BT and some LED light fittings. Only use when necessary.

SDD350BT G2 - Standard wiring diagram



SDD350BT G2 - Optional wiring diagram

