

**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 in accordance with AS/NZS3000 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.

**PIXIE SDD300BTAM SMART DIMMER G3** electrical and installation specification effective 9/7/2021.

Model No.	Input (V)/(Hz)	Min. / Max. loads	Colour	Dimension L x W x H (mm)	Dimming	Wireless
SDD300BTAM	220-240/50	2*/300W	Matt Blue, White cap	42 x 24 x 24	Trailing edge	Bluetooth Mesh Technology

\*Subject to product capability, this size load may require the inclusion of a LOAD capacitor.

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 (Maximum 6 x gang configuration)

No. of dimmer	Resistive load (Incandescent lamp, High voltage halogen lamp)	Capacitive load (Dimmable LED)
1	300W	250VA
2	250W	200VA
3	200W	150VA
4	150W	150VA
5	100W	100VA
6	75W	75VA

#### LOAD COMPATIBILITY

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

#### General product application requirements (if applicable) :

- CCT or POWER selections (where supplied)** – IMPORTANT, where CCT colour temperature or POWER selection switching is provided, it is important to switch OFF the power before the 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 a 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 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.
  - 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, it 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 and electrical accessories** – 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. For floodlight installation environments that have restricted access (eg: columns and roof-lines) which are subject to unstable electrical supply or electrical surges (which void warranty), consideration of the installation of an independent surge protector is strongly recommended.

- Emergency enabled products** – In the interest of transport and safety, emergency products are supplied with the battery disconnected. In addition to specific emergency commissioning instructions, this battery MUST be connected at the time of installation.



12. **Specific installation procedures** (if any) - this device must be installed by a licensed electrician:

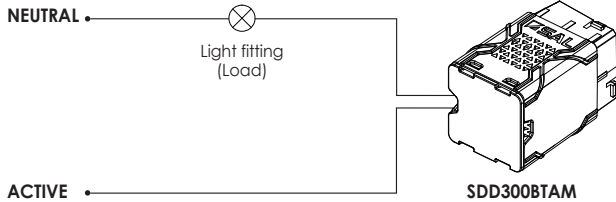
**Features:**

1. Compact size smart dimmer
2. Fits most Australian 1-6 Gang switch plates
3. Customizable LED indicator
4. Soft start and turn-off for superb visual comfort

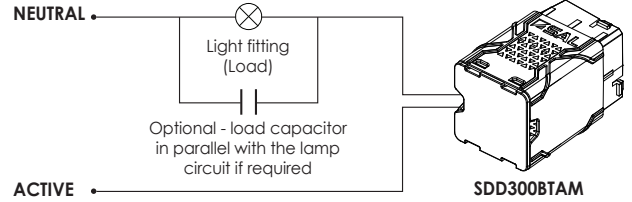
**LED Indicator**

- LED indicator color is white when product is new or has been reset.
- LED indicator color is blue when product is added to a PIXIE network.
- LED indicator working status is fully programmable via the SAL PIXIE or PIXIE PLUS App.

**SDD300BTAM - Standard wiring diagram**



**SDD300BTAM - Optional wiring diagram**



**Button Operations**

Operation	Function Descriptions	LED indicator	Remark
<b>1 click</b>	Turn on /off the lights	Maximum brightness when the lights are ON, minimum brightness when the lights are OFF	When turning the lights ON, they will adjust to the last used brightness setting
<b>Double click</b>	The lights go to maximum brightness	Maximum brightness	A quick shortcut to maximum brightness regardless the lights are ON or OFF
<b>3 clicks</b>	Change color temperature of the lights (With compatible SAL products only)	Maximum brightness	Switch the lights to the next colour temperature, cycling through <b>Warm white -&gt; Cool white -&gt; Daylight.</b>
<b>Long press</b>	Dimming the lights up or down	Maximum brightness when the lights are ON, minimum brightness when the lights are OFF	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
<b>4 clicks</b>	Enter pairing mode	Rapidly flashes blue and white for 30 seconds	This function is to pair a secondary device like PIXIE multifunction control (model NO. SMF/BTAS) or PIXIE multifunction remote control (model NO. SMC/BT), to achieve remote control. Pairing mode ends at a successful pairing.
<b>5 clicks</b>	Lock minimum brightness	Flash 3 times	Adjust lights to required minimum brightness, then 5 clicks will lock this level as new minimum brightness
<b>6 clicks</b>	Reset the lights color temperature (With compatible SAL products only)	Maximum brightness	Reset colour temperature to <b>Warm white.</b>
<b>7 clicks</b>	Reset minimum brightness	Flash 5 times	When lights are on, 7 clicks will reset the minimum brightness setting
<b>9 clicks</b>	Reset the product to factory default	Flashes white and blue for 3 seconds, then remains white	This operation will clear all the settings, and reset the product to factory default.

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



13. **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** – Residential usage (12) months, Commercial usage (12) months, Replaceable Lamps (where supplied) (12) months and Lithium batteries where supplied (24) months from date of purchase. For New Zealand, please refer to [www.sal.co.nz](http://www.sal.co.nz) for warranty conditions and service.

**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 offersales:

NSW   ACT	- 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.

