

# Installation Instructions

## 1.0 Product Range

<b>TPDL402H1</b>	25 W LED Commercial Downlight, 240 V a.c., 4000 K, Integral LED driver, White Trim
<b>TPDL402H2</b>	35 W LED Commercial Downlight, 240 V a.c., 4000 K, Integral LED driver, White Trim

## 2.0 Installation Requirements

### **WARNING**

#### **RISK OF ELECTRIC SHOCK**

It is illegal for persons other than an appropriately licensed electrical contractor or other persons authorised by legislation to work on the fixed wiring of any electrical installation.

- To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed e.g. AS/NZS3000 Electrical Installations.
- There are no user serviceable parts inside the product.

**Failure to follow these instructions can result in death or serious injury.**

- The product is class 2.
- Check whether the product has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Take care not to pull any electrical wires during unpacking as this may damage the connections.
- Isolate the electrical supply before doing any work on this equipment.
- Select a suitable location for installation (indoor only). This product is rated for ingress protection to IP44.

### **CAUTION**

#### **RISK OF BURN INJURIES**

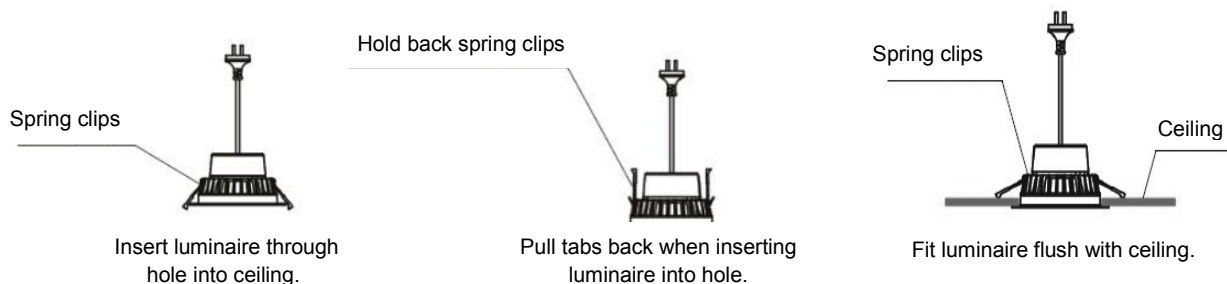
During and after use the unit may be hot. Do not touch the unit before it has completely cooled down.

**Failure to follow these instructions can result in minor injuries, or equipment damage.**

## 3.0 Installation Instructions

### **Installing Luminaire**

- Remove all packaging material from the product.
- Connect mains cable.
- Fold back mounting spring clips.
- Insert luminaire into hole (25W cut-out 170mm, 35W cut-out 200mm).
- Ease luminaire upward to sit flush with ceiling.



## ⚠ WARNING

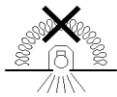
### RISK OF FIRE

Building insulation must not cover this luminaire.

- Ensure specified distances (refer to diagram below) between flammable materials, including building insulation, and the recessed luminaire.

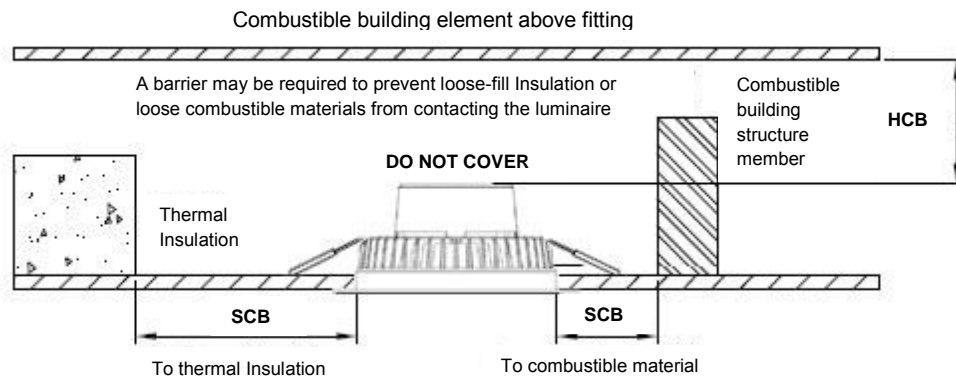
**Failure to follow these instructions can result in death or serious injury.**

**Insulation rating**



This down light has achieved a “Do Not Cover” insulation rating in accordance with AS/NZS 60598.2.2.

A recessed luminaire that can be used where normally flammable materials, including building insulation, are, or may be, present, but cannot be abutted against any material and cannot be covered in normal use. Refer to diagram for clarification.



**-HCB** - The minimum distance from the top of the luminaire to any normally flammable building element or building insulation is **100 mm**.

**-SCB** - The minimum distance from the side of the luminaire to any normally flammable building element or building insulation is **60 mm**.

## 4.0 Dimming

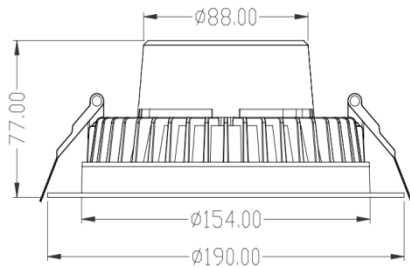
This product has been designed to achieve deep dimming performance which allows very low levels of light output to provide the perfect atmosphere for all occasions. This product is compatible with Clipsal LED and Universal dimming technology. Please refer to [Clipsal.com/load](http://Clipsal.com/load) for latest dimming compatibility information.

**Note:**

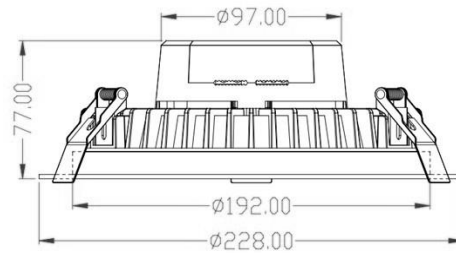
In some regions of the country a slight flicker may be experienced when the luminaire is dimmed. This is due to power line signals sent by the electricity supply authorities to assist with switching utilities, for example hot water services or changing tariff rates. This effect is not a malfunction of the luminaire or dimmer but a result of local installation conditions changing during the day. If this occurs, adjusting the dimmer back to maximum brightness will help minimize such flickering.

**5.0 Product Specifications**

Cat #	TPDL402H1	TPDL402H2
Voltage Rating	240 V a.c., 50 Hz	240 V a.c., 50 Hz
IP Rating (from front only)	IP44	IP44
Total Power Consumption	25 W	35 W
Beam Angle	95 degrees	95 degrees
Lumens	2000 lm	2800 lm
Operating temperature	-10°C to +45°C	-10°C to +45°C
Operating humidity	+10% to +95% RH, non condensing	+10% to +95% RH, non condensing
Storage temperature	0°C to +60°C	0°C to +60°C
Storage humidity	+10% to +95% RH, non condensing	+10% to +95% RH, non condensing
CRI	> 80	> 80
Colour temp	4000 K	4000 K
Ceiling cut-out mm	170mm	200mm
Lifespan (L70)	50,000 hrs	50,000 hrs



TPDL402H



TPDL402H

## 6.0 Warranty

1. The benefits conferred herein are in addition to and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to the Clipsal by Schneider Electric product, which the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.
2. The warrantor is Schneider Electric (Australia) Pty Ltd of 33-37 Port Wakefield Road, Gepps Cross, South Australia 5094. With registered offices in all Australian states.
3. This Clipsal by Schneider Electric product is guaranteed against faulty workmanship and materials for a period of three (3) years from the date of installation.
4. Schneider Electric (Australia) Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.
5. This warranty is expressly subject to the Clipsal by Schneider Electric product being installed, wired, rested, operated and used in accordance with the manufacturer's instructions.
6. All costs of a claim shall be met by Schneider Electric (Australia) Pty Ltd, however should the product that is the subject to the claim be found to be in good working order all such costs shall be met by the claimant.
7. When making a claim the consumer shall forward the Clipsal by Schneider Electric product to the nearest office of Schneider Electric (Australia) Pty Ltd with adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

---

**Schneider Electric (Australia) Pty Ltd**

Contact us: [clipsal.com/feedback](http://clipsal.com/feedback)

**National Customer Care Enquiries:**

Tel 1300 2025 25

Fax 1300 2025 56

**Schneider Electric (NZ) Pty Ltd****National Customer Care Enquiries:**

Tel 0800 652 999

Fax 0800 101 152

**clipsal.com**

.td reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this catalogue are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.

© 2016 Schneider Electric. All Rights Reserved.

Trademarks are owned by Schneider Electric Industries SAS or its affiliated companies.