Tight House Downlight Covers with Transformer Holder

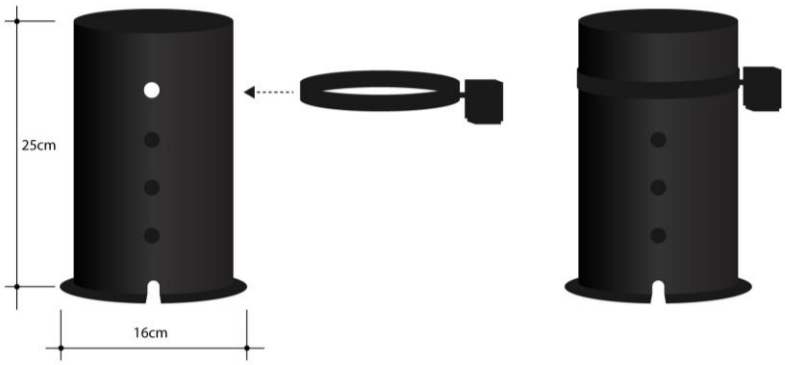
Product Description

The Tight House Downlight Covers for LEDs feature a tall design that dissipates heat, improves energy efficiency, and reduces drafts. They keep dust, debris, and pests out while providing extra safety by preventing contact between insulation and hot fittings. These covers reduce noise transfer, ensure consistent insulation, control moisture, and are easy to install. Suitable for IC Rated Luminaires and Drivers only. They are proudly manufactured in Australia.

Features and Benefits

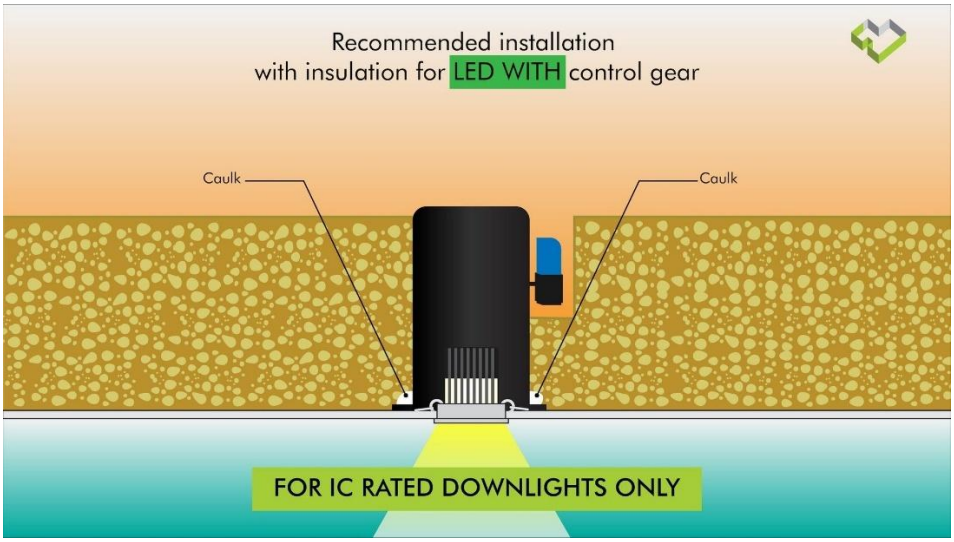
- Improve the airtightness of the building envelope and seal off potential entry points for pests like insects or rodents.
- Tall design allows for LED heat to dissipate upwards, maintaining a cooler luminaire.
- Create an air pocket around the light fitting, reducing drafts and heat loss, which can lower heating and cooling costs.
- Keep dust, debris, and moisture away from downlight fixtures, reducing electrical issues and preventing damage.
- Provide extra protection by preventing direct contact between flammable insulation and hot fittings, reducing fire risk (not fire-rated), and help lessen noise transfer.
- Allow for consistent insulation across the ceiling, maintaining an effective thermal barrier.

Product Dimensions



*The information in this publication is based on the present state of our knowledge but any conclusion and recommendations are made without liability on our part. Buyers should make their own assessment of our product under their own conditions and for their requirements.

Tight House Downlight Covers Example Application



Applications/Scope of use

- Suitable for both new builds and retrofit, roof access required.
- Downlight cover is designed to cover **IC rated downlights** only. The Transformer Holder is only for **IC Rated Drivers**, otherwise drivers must be hung from the rafter

Maintenance

- No maintenance requirements.

Installation

The product can be purchased from Tight House from here. Refer to the diagram provided for the latest installation instructions.

Warranty

Tight House Downlight Covers is warranted for 10 years.

Health and Safety

Take care when working on fitting the Tight House Downlight Covers and follow all guidance and industry good practice guidelines.

Tight House Downlight Covers may generally be regarded as chemically unreactive with a low toxic hazard, either from skin contact or inhalation under normal conditions. The flame retardant additives used in these compounds can cause dermatitis, eye and respiratory irritation, and other reactions at high levels of exposure. Contact with molten polymer should be avoided.

Durability

Although Tight House Downlight Covers can be left exposed temporarily during construction, the product may be damaged by careless handling or vandalism and must not be used in installations where it could be exposed to long term UV radiation or constant high temperatures. Any damaged product should be replaced before completion. Ensure that Downlight Cover is

covered as soon as possible, and not left exposed for longer than 30 days.

Technical Data

Property [1]	ASTM Method	Units	RETPOL 9016 HS
Specific Gravity	D792	-	0.98
Melt Flow Index	D1238 230 °C 2.16kg	g/10min	25
Mould Shrinkage**	D955	%	1.2 - 1.6
Tensile Strength (50 mm/min)	D638	MPa	23
Elongation at break (50 mm/min)	D638	%	50
Flexural Modulus	D790	MPa	1285
Izod Impact Strength - notched 66 - unnotched	 D256 D256	 J/m J/m	 66 1200
Heat Deflection Temp. 0.45 MPa:	 D648	 ˚C	 97
G.W.F.I (2) @ 3 mm thickness	AS/NZS 60695.2.12	˚C	960
Flammability (1) @ 3mm thickness @ 1.6mm thickness	 UL 94 UL 94	 - -	 V - 2 V - 2
Co-efficient of Linear Thermal Expansion	D696 -30°C to 30°C	10^{-5} per ˚C	10

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