

Trade Name: ASTRO LC LOFT CONE

## Fire Rated Loft Cone

[COSH Data](#)

[Installation Data](#)

[Product Images](#)

[Installation Video](#)

Flanged Fire Hood 30 minute fire rated

Easily fitted - simply drop over light fitting and seal with mastic to form vapour seal

Save energy by limiting heat loss into loft space

Allows continuous insulation over lights

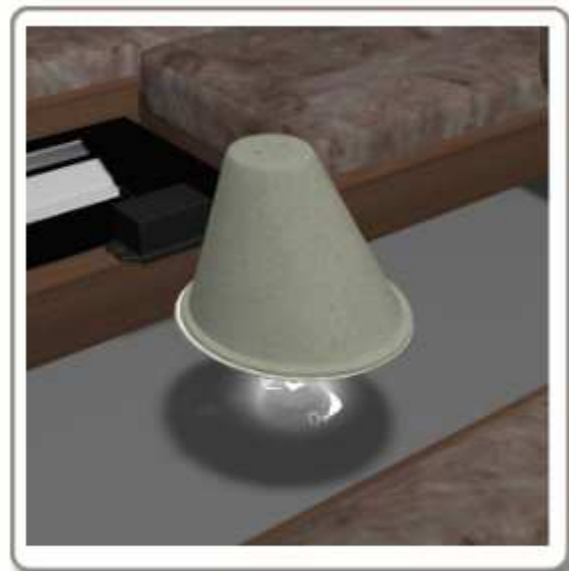
Fully tested to prevent overheating

Reduces fire risk by keeping combustibles away from hot downlight

Rigid and capable of supporting loft insulation away from light fitting

Suitable for use on aluminum reflector and dichroic reflector lamps upto 50W

Thermal test BS EN 60598 Section 12.4 and BS 476 Part 20



### Description

Recessed downlights are a common feature in many homes, however they also represent a potential fire hazard, especially if buried in loft insulation. Numerous house fires have been caused by the ignition of combustibles in ceiling spaces caused by hot downlights being covered with insulation.

In addition, the thermal performance of a ceiling is typically reduced by 50% when penetrated by multiple downlights due to heat loss through the gaps made in the insulation.

Using an Astro Loft Cone restores the air tightness of the ceiling and ensures continuity of insulation so that the overall performance is similar to that of a ceiling without downlights.



The Astro Loft Cone meets the latest needs of BS EN 60598 and other international standards for a lighting product when covered with insulation (sometimes referred to as a 'capped-F' type).

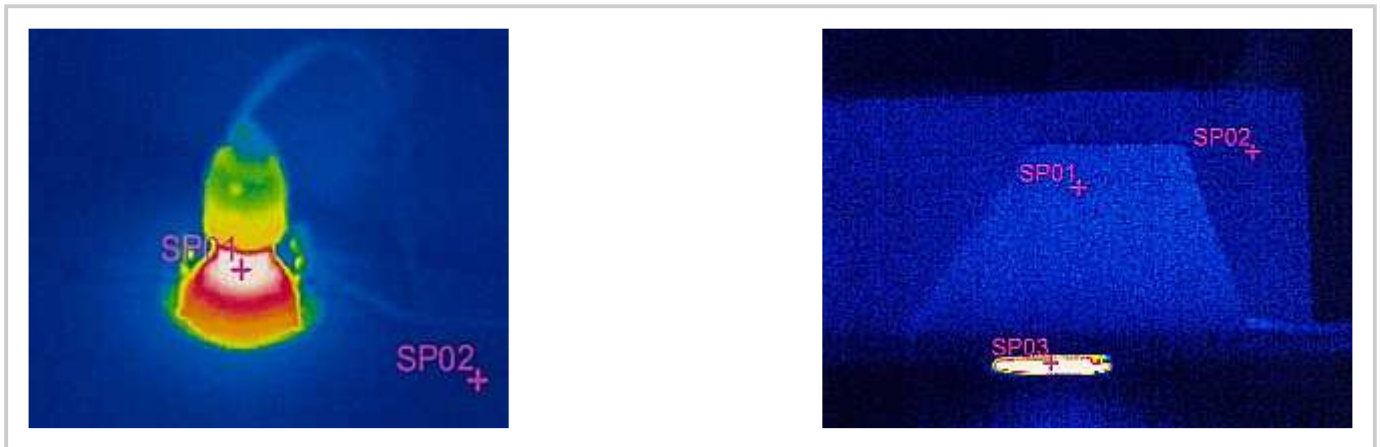


It adheres to the maximum external temperatures requested by the IEC even when cool beam lamps are used.

Suitable for aluminum and dichroic reflector lamps up to a max. 50W with cut-out dimensions of 50-100mm.

Designed to meet both the new NHBC requirement for a vapour seal and the requirement for continuous loft insulation documented in Approved Document L, whilst still maintaining an air space between the light fitting and the insulation - as stipulated by many light fitting manufacturers.

The difference in a downlight with and without a Astro LC Loft Cone can be seen via thermal image photography below, in particular see how the excessive heat of a downlight could be a possible point of ignition.



## Availability

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Dimensions:

External 240mm x 160mm high.

Internal 200mm x 150mm high

Packing

Individually or in boxes of 12

Available to order in any quantity.

## Installation

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See the Installation Sheet for this product - [Loft Cone Installation](#)

## To Order & Specify

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Item	Size	Product Code
Loft Cone	240mm x 180mm	AFLOFTCON

Please quote- Quantity-Trade Name-Product Ref

Typical Wording:- 12no / Astro LC Loft Cone / AFLFTCON

## Testing

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The Astro LC Loft Cone has undergone thermal testing by the Lighting Association:  
Thermal test BS EN 60598 Section 12.4 and BS 476 Part 20

## Health and Safety

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Refer to COSHH Sheet

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