

Trade Name: ASTRO LC LOFT CONE

## Fire Rated Loft Cone

F-Capped Flanged Fire Hood 30 minute fire rated.

Tested for 50 Watt lamps.

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

IP6X dust tight

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.



Greendeal Compliant.

PAS 2030 Compliant.

Energy Efficiency Partnership for Homes (EEN) Compliant.

CITB - Construction Skills: General requirements and guidance for the installation of loft insulation - Compliant.

## 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).

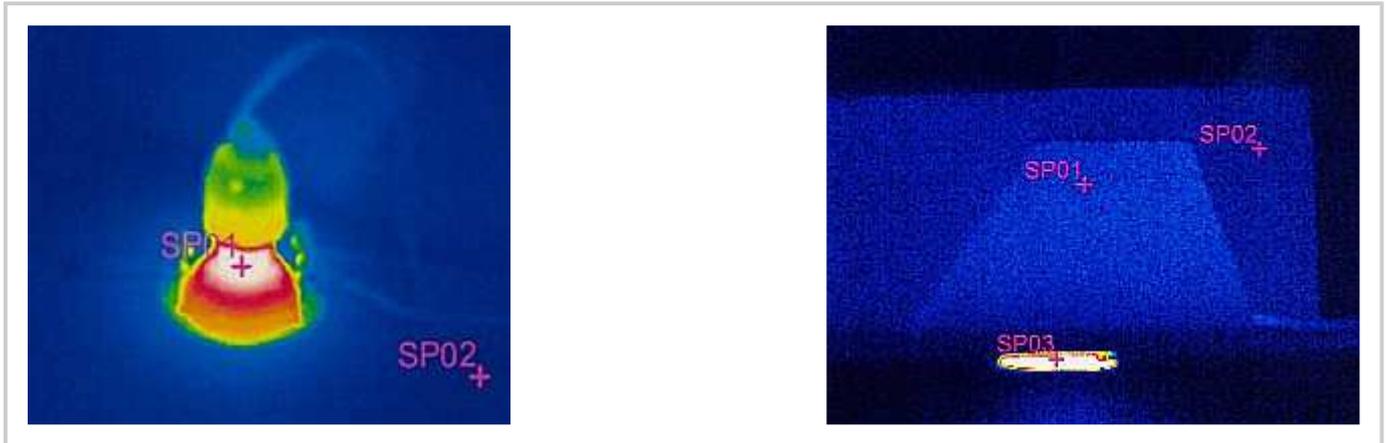
It adheres to the maximum external temperatures requested by the IEC even when cool beam lamps are used.

Suitable for aluminium 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.

Use [ASTROFLAME INTUMESCENT MASTIC](#) to complete vapour sealing.

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 180mm 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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