

## Firefly Canopies & Downlight Covers

**FIREFLY** Canopies and Downlight Covers are designed specifically to stop the passage of smoke and fire through a fire-rated ceiling, where recessed luminaires or downlights are fitted.

Tests have shown that without the canopy in place, fire and smoke would penetrate through the recessed light fitting in seconds, spreading into the void or room above, endangering both lives and property.

The **FIREFLY** Canopy or Downlight cover will provide 60 minutes protection, by completely containing the fire and smoke within the cover, whilst at the same time allowing the heat from the light fitting to dissipate through the cover.



**Fully tested to BS.476 Parts 20&23 Clause 5. Also meets the requirements of Class 'O' materials**



### Downlight Sizes available:

150mm x 170mm  
200mm x 200mm x 230mm  
260mm x 260mm x 230mm  
300mm x 300mm x 350mm  
350mm x 350mm x 230mm  
600mm x 600mm x 350mm

### Canopy Sizes available:

1200mm x 600mm x 150mm  
1200mm x 300mm x 150mm  
600mm x 600mm x 150mm  
600mm x 300mm x 150mm  
300mm x 300mm x 150mm

**Alternative sizes available on request.**

- Fully tested product
- Patented design
- Only product of its type to be LPC Accredited
- Lightweight
- Self supporting
- Resistant to tearing and abrasion
- Manufactured from non-respirable materials
- Simple to install
- Requires no prior fixing
- No special fixings required
- Can be fitted from above or below
- Suitable for suspended and modular ceilings
- Various sizes available

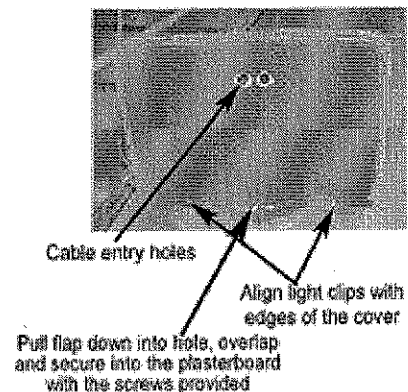
## Installation Details

New to the **FIREFLY** range - Small Downlight Cover

- Size-150 x 170 circular.
  - Suitable to cover downlight fittings
  - Low Voltage - up to 50 x 145
  - Mains Voltage - up to 70 x 95
- Suitable for plasterboard cut-outs 60mm to 120mm inclusive

For installation from below the ceiling, insert electric cable through cable entry hole in the cover as required and simply roll up the cover, place into the ceiling, open up the cover by pushing hand or hammer or similar tool, pull down the flap adjacent to the plasterboard edge and staple through the materials into the plasterboard edge to secure.

Repeat operation on the opposite side, and then continue to staple the flap into the plasterboard opening until fully secure. NB Diverting Stainless Steel staples, minimum leg 12mm are recommended to ensure a secure fixing. Attach electric cable to downlight and insert the light, ensure the clips point in the same direction as the edges of the cover.



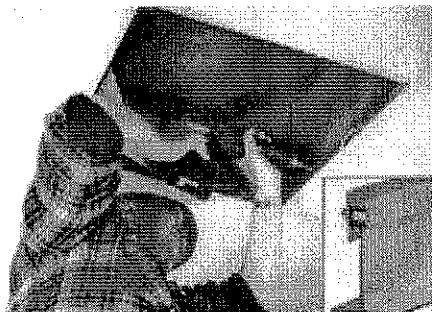
### Installing a Recessed Luminaire Fire Canopy to a Suspended Ceiling



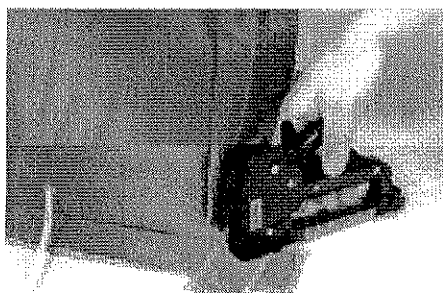
- Remove from packaging, unfold, and place over the luminaire
- Align cable entry with cable and thread cable through
- Secure the canopy to ceiling grid with self tapping screws supplied, by screwing through the canopy and into the bulb of the grid at 80mm centres
- Fold corner tab tightly over grid section and secure

### Installing a Downlight Cover to a Suspended Ceiling

- Remove ceiling tile, unfold cover and insert through opening
- Align cable entry with cable, thread through
- Secure cover to ceiling grid with screws as supplied, by screwing through the cover and into the bulb of the grid at 80mm centres
- The cover is now secure on all sides, creating the fireproof space.
- Ease ceiling tile into position by placing hand through aperture and applying slight downward pressure to fully locate.
- Install light fitting as recommended by manufacturer



### Installation details for Downlight Covers to a Solid Ceiling



- Remove and unfold the cover
- Locate aperture in ceiling surface
- Align cable entry with cable and thread through
- Place cover above aperture, with flaps turned outwards flat against the ceiling and overlapped at the corners
- Secure cover to ceiling with stainless steel staples (12mm) length at 80mm centres along the four flaps
- Install light fitting as recommended by manufacturer  
NB Installing from below, push canopy through the opening, align cable entry with cable and thread through, turn flaps of the canopy inwards, and staple down at 80mm centres.

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