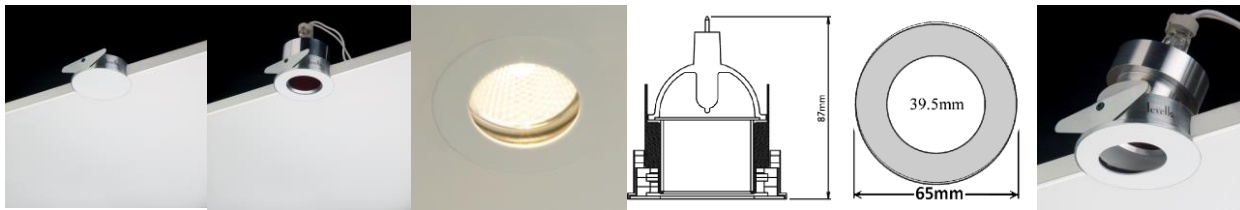




# Product Datasheet

## Levello Fire Rated Housing – 60 minute rating



Fire Rated

### General description

The levello Fire Rated Housing comprises a novel and discreet application of intumescent material which, when activated encapsulates all luminaire parts and lamps sealing off the aperture in the ceiling completely, thereby achieving a fire rating complying with Part B of the building regulations.

The pictures below show the Fire Rated Housing before and after the activation of the intumescent material.



Intumescent strips inner edges of inserts



Intumescent strip Fire Rated Housing



Fire Rated Housing with directional Insert



Standard Fire Rated Housing

The pictures above clearly show how the Levello Fire Rated System completely seals the aperture in the ceiling and any luminaire components are encapsulated preserving the integrity of the fire barrier.

Please note for inserts in the Flush range a fire rated insert may be required. For the Surface, Drop and Controls ranges a Fire Rated Housing provides protection meeting Part B of the building regulations. sufficient

Because of the way in which Part B is achieved it is possible for all versions and accessories which Levello provide to be protected by Levello's patented fire rating system. This allows designers to have the freedom to choose any configuration and should it be necessary, change the type of Levello fitting while maintaining the fire rating of the installation without the need to use fire hoods.

**Levello, Basepoint, Great Marlings, Luton, LU2 8DL**

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As part of our policy of continuous improvement we reserve the right to change any aspects of the product without notice



# Product Datasheet

Fire Rated

## Part B Compliance

The Levello range complies with BS 476 Part 21 1987 and achieves a 60minute fire rating.

Test Laboratory: Cambridge Fire Research  
Report Number: CFR1407231

## Materials

Housing: Precision turned steel, zinc plated and passivated, attached is an earth strap to allow for mains voltage systems.

Internal unit: Precision turned Aluminum

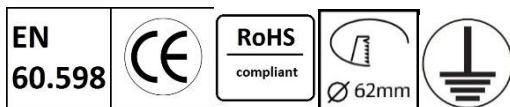
Front plates: 1.2mm powder coated steel plate in matt white RAL 9009 other finishes and colours can be supplied to order against specific RAL reference.

Magnets: Three 8 pole polymer bonded ferrite ring magnets allowing simple change of lamp or fitting

Wiring: Earth bonding wire comprising silicone insulation tin plated copper wire having a working temperature of T 180°C.

## Installation

The fire rating does not change in any way the standard installation process or technique. Please see installation instructions for further details.



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