

Gradus is a member of NBS Source, providing a comprehensive library of pre-written specifications supported by guidance notes. The NBS specification for ALS/FR is shown below, plus a detailed Gradus specification and profile description to ensure the correct specification is maintained. For further information on NBS contact NBS Services on 0191 232 9594.

#### NBS Specification

##### N10 – GENERAL FIXTURES / FURNISHING / EQUIPMENT

**Manufacturer:** Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

**Tel:** 01625 428922 **Fax:** 01625 433939

**Website:** [www.gradus.com](http://www.gradus.com) **Email:** [sales@gradus.com](mailto:sales@gradus.com)

**Reference:** ALS/FR – Flush Recessed profile

**Type:** Plaster-in

**Material:** Aluminium base with Polycarbonate cover

**Fixing:** Mechanical (screw) fix – as per manufacturers instructions

#### Gradus Detailed Specification

**Manufacturer:** Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

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**Reference:** ALS/FR – Flush Recessed profile

**Type:** Plaster-in

**Material:** Aluminium base with Polycarbonate cover

**Width:** 24.2mm (cutout 28.2mm) / (total width including 'wings' 62mm)

**Depth:** 14.5mm including lip (recess depth of 9.8mm)

**IP rating:** IP22

**Supplied with:** Aluminium base, semi-diffused cover and end caps

**Fixing:** Mechanical (screw) fix – as per manufacturers instructions

**LED options:**

- 10w 'Traditional' (SMD) LED Tape 24v – white options: – 2700k, 3000k, 4000k and 6000k.
- 10w 'Traditional' (SMD) LED Tape 24v – single colour options: – red, green, blue, amber and pink.
- 10w Spotless (COB) LED Tape 24v – white options: – 2700k, 3000k, 4000k and 6000k.
- 10w Spotless (COB) LED Tape 24v – single colour options: – red, green, blue, amber and pink.
- 15w Spotless (COB) LED Tape 24v – white options: – 2700k, 3000k, 4000k and 6000k.
- 15w Spotless (COB) LED Tape 24v – single colour options: – red, green, blue, amber and pink.
- 20w Colour Changing (SMD) LED Tape 24v – RGB+WW (Warm White 2700k) and RGB+W (Cool White 6000k).
- 24w Dual-White CCT (SMD) LED Tape 24v – Create any shade of white between 2700k-6500k colour temperature.

#### Description

##### LED Architectural Lighting

Gradus offer 10 premium profile options across surface mounted, recessed and plaster-in formats, with configurations available to suit the most common scenarios encountered in a wide range of interior applications. Designed for use with our range of LED tapes, the aluminium profile creates a discreet, finished overall look and helps to dissipate heat generated by the LED tape, whilst also providing additional protection from damage.