



**MALHAM** LIGHTING LTD

## 10W FIRE-RATED FIXED DOWNLIGHT

Fire rated fixed downlight (tested to BS476 - 90mins) with dimmable driver.

Designed to be a warm white LED equivalent for a traditional 12V 50W halogen fitting with an MR16 M(2)58 38° lamp and a dimmable electronic transformer in situations requiring fire rated downlights.

This fitting is sealed to IP65 and supplied with a silicone gasket, making it suitable for use in bathroom and shower enclosures. For special applications this fitting can be supplied in a range of colour temperatures and beam angles.

**product no.** FRDL-10W-40D

**power** 10W

7W and 13W versions available to order

**beam angle** 40°

other beam angles available to order

**material** steel and aluminium alloy

**installation** recessed

**colour** matt white

**IP rating** IP65

**dimensions** d85mm x h65mm

**cutout diameter** 75mm

**recess depth** 60mm

**LED module** COB sharp

**colour temperature** 3000K (warm white)

natural white and cool white also available to order

**CRI**  $R_a > 85$

**lumen output** 760-800 lm

**LED life span** 50,000 hrs

### LED DRIVER

triac dimmable with leading edge or trailing edge

**dimensions** 98mm x 39mm x 22mm

**primary** 220-240V AC 50/60Hz 0.08A

**secondary** 260mA 29-46V DC

**power factor**  $\lambda = 0.95$

**t<sub>a</sub>** -20°C - +50°C

**t<sub>c</sub>** 80°C

