

LED ceiling-recessed luminaire

Recessed IP65 fire rated downlight, including white bezel and lens with 38° beam angle. Highly efficient and economical downlight, fully fire-rated for 30, 60 & 90 minute ceilings. Adaptable light distribution by exchanging the 38° lens with a 24°/46° beam angle lens or a 15° wall wash optic (available as accessories). Lay insulation directly over the top of the product. Tool free and fast wiring due to the fully detachable connector and the press-fit terminal block enabling loop-in loop-out. Integrated LED driver suitable for use with leading-edge dimmer switches.

Body: Aluminum heat sink & steel housing

Bezel trim: Aluminum die-cast

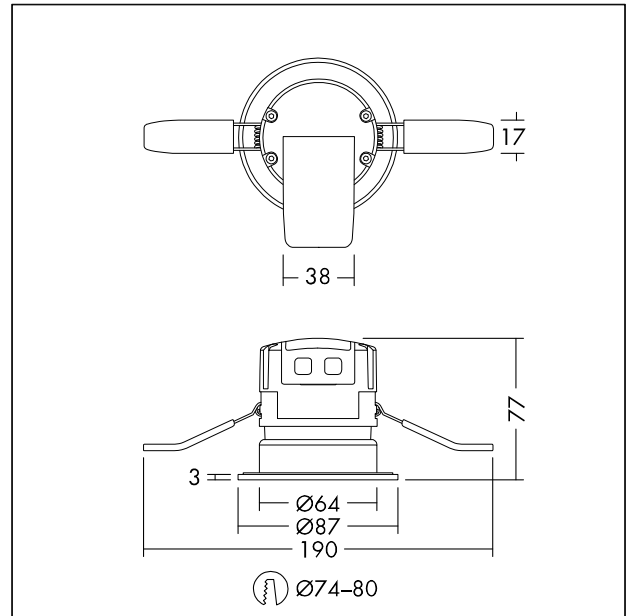
Lens: PMMA

Cover: PC

Weight: 0.3 kg



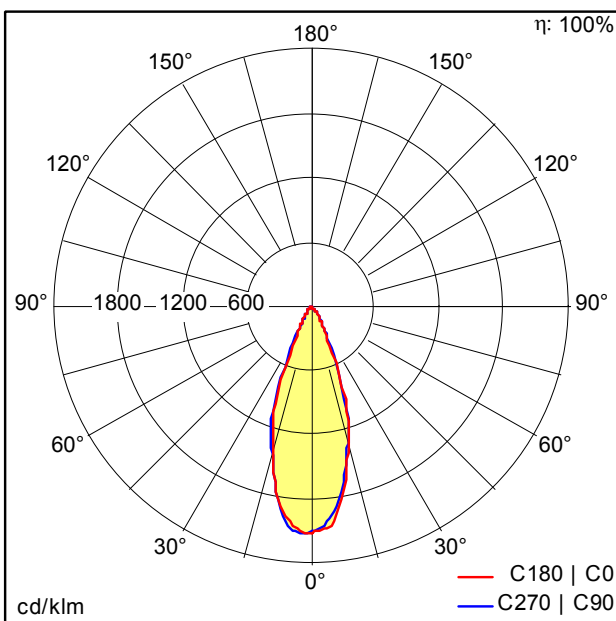
TE_FRED_F_70_persp.jpg



TE_FRED_M_FRD.wmf

Light Distribution

STD - standard



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- Light Source: LED
- Luminaire luminous flux*: 520 lm
- Luminaire efficacy*: 74 lm/W
- Colour Rendering Index min.: 80
- Correlated colour temperature: 3000 Kelvin
- Chromaticity tolerance (initial MacAdam): 6
- Rated median useful life*: L70 50000h at 25°C
- Ballast: 1x LED_Con
- Luminaire input power*: 7 W Power factor = 0.75
- Dimming: PCDCG dimmable to 5%

All values marked with an * are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C.