

**Order No.:** 51RF12MB49XG5 | **GTIN (EAN):** 4069025494467

**Product description:** TrFI31,LI,wd,9100lm840,ML,wh



Trunking Flex 31, luminaire insert, of aluminium, coated, traffic white (RAL 9016), length: 1.472mm, width: 91mm, height: 53mm, LED rated luminous flux: 9.100lm, light colour: 840, SDCM (Standard Deviation of Colour Matching)MacAdam  $\leq 3$  SDCM (initial), control gear: ON/OFF Multilumen, with system connector: socket, mains connection: 220..240V, AC, 50/60Hz, rated input power: 51W, luminous flux adjustable on luminaire in 6 steps (3890/4820/5740/6680/7580/9100lm), connected load according to luminous flux setting (22/27/32/38/43/51W), primary light control with lens, of plastic, primary optical cover: cover, of PMMA, light emission: direct distribution, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, UKCA, impact resistance: IK03, permissible ambient temperature for indoor applications: -25..+50°C, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, The light source and the operating device comply with the requirements of the Ecodesign Regulation (EU) 2019/2020 and are replaceable in accordance with this regulation, packaging unit: 1 piece

IP 20 IK 03  

Lamps:	LED
Wt. (kg):	1.9
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**Detailed technical description:** TrFI31,LI,wd,9100lm840,ML,wh



#### Key data

- Product type: luminaire insert
- Product name: Trunking Flex 31
- Order No.: 51RF12MB49XG5

#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of plastic
- Cover: cover
- Beam angle: wide distribution
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 25$
- UGR viewing direction along lateral luminaire axis:  $\leq 25$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 9100lm
- Luminous efficacy: 180lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 51W
- Supplement: luminous flux adjustable on luminaire in 6 steps (3890/4820/5740/6680/7580/9100lm), connected load according to luminous flux setting (22/27/32/38/43/51W)

#### Operating device:

- Control: ON/OFF Multilumen

#### Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation): -25..+50°C
- Certification, designation: CE, UKCA

#### Material, Colour

- refurbishment insert: aluminium, coated, traffic white (RAL 9016)
- Quantity: 1 piece
- Cover: cover of PMMA

#### Mounting

- Mounting method, mounting location: slip-in mounting, to the trunking rail
- Arrangement: single/continuous arrangement
- Supplement: only suitable for use in indoor areas

#### Electrical connection

- Connection: system connector: socket
- Nominal voltage: 220..240V, 50/60Hz, AC

#### Dimensions, Weight

- Length: 1472mm
- Width: 91mm
- Height: 53mm
- Weight: 1.9kg

#### Service life

- Rated service life: 70000h (L80) at AT = 25°C