

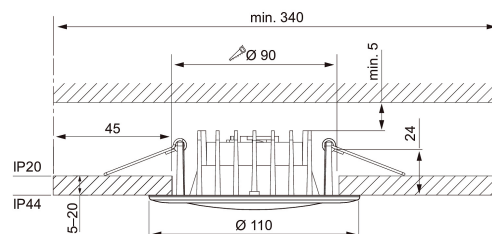


# Slim Duo Fix

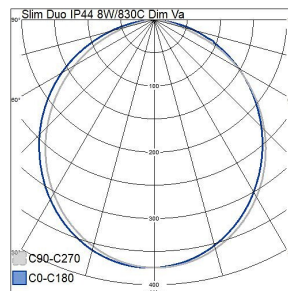
## IP44 8W 830/840 DIM ACO WH Fix

The robust Slim Duo Fix is a downlight with a changeable colour temperature and good dimmer features, intended especially for renovation projects. With its opal diffuser, the Slim Duo solution discreetly blends in with a white ceiling. It is designed for use in toilet facilities, corridors and lobbies.

Slim Duo Fix Downlight 8W 3000K/4000K 650lm Beam angle Extreme wide beam >80°; Dim phase cut-off; Dim phase cut-on; IP44; IK07; Protection cl. II; L70B50 100000h; LED not exchangeable; CRI>80; SDCM5; Suitable for through wiring; 3x2.5mm<sup>2</sup>; Housing al; Colour wh; Cover Plastic, opal; C16 max. 224



| IP44 8W 830/840 DIM ACO WH Fix |        |     |                |
|--------------------------------|--------|-----|----------------|
| PRODUCT CODE                   | CODE   | KG  | PRODUCT FAMILY |
| 4245361                        | A2SLJA | 0.2 | Slim Duo Fix   |



| Mounting   |                             |
|--|-----------------------------|
| Suitable for surface mounting  | No                          |
| Suitable for recessed mounting   | Yes                         |
| Suitable for wall mounting   | No                          |
| Suitable for suspended mounting  | No                          |
| Suitable for ceiling mounting  | Yes                         |
| Suitable for traverse mounting   | No                          |
| Suitable for pedestal/floor mounting   | No                          |
| Suitable for light-track mounting  | No                          |
| Suitable for clamp-mounting  | No                          |
| Suitable for low voltage cable system  | No                          |
| Degree of protection (IP)  | IP44                        |
| Degree of protection (IP), rear side   | IP20                        |
| Degree of protection (IP), front side  | IP44                        |
| Impact strength  | IK07                        |
| Emergency function monitoring system   | None                        |
| Type of wiring   | Suitable for through wiring |
| Number of poles  | 3                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5                         |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5                         |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5                         |
| Connection type  | Screwless terminal          |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                          |
| Max. number of luminaires per miniature circuit breaker B16                      | 112                         |
| Max. number of luminaires per miniature circuit breaker C16                      | 224                         |
| Fit for workplace acc. EN 12464-1  | No                          |
| Luminaire may be covered with thermally insulating material                      | No                          |
| Quantity of luminaires for MCB C16:  | 224                         |
| Quantity of luminaires for MCB C10:  | 140                         |
| Quantity of luminaires for MCB B16:  | 112                         |
| Quantity of luminaires for MCB B10:  | 70                          |
| Structure  |                             |
| Adjustability  | Not adjustable              |
| Lamp type  | LED not exchangeable        |
| Light source included  | Yes                         |
| Suitable for number of lamps   | 1                           |
| Lamp holder  | Other                       |
| Housing material   | Aluminium                   |
| Surface protection   | Powder coating              |
| Housing colour   | White                       |
| Cover material   | Plastic, opal               |
| Surface brushed  | No                          |
| Control gear included  | Yes                         |
| Exchangeable control gear  | Yes                         |
| Reflector  | None                        |
| Energy efficiency class of light source according to EU regulation 2019/2015     | F                           |
| Containing product according to 2019/2020/EU                                     | Yes                         |
| Emergency power supply system  | None                        |
| Emergency power supply integrated  | No                          |
| Filament test according to IEC 60695-2-11  | 650 °C - 30 s               |

| Dimming and control                       |     |
|---|-----|
| With movement sensor                      | No  |
| With presence indicator                   | No  |
| With light sensor                         | No  |
| Dimmable                                  | Yes |
| Dimming 0-10 V                            | No  |
| Dimming 1-10 V                            | No  |
| Dimming DALI-2                            | No  |
| Dimming DALI                              | No  |
| Dimming DMX                               | No  |
| Dimming DSI                               | No  |
| Dimming potentiometer (integrated)        | No  |
| Dimming LineSwitch                        | No  |
| Dimming manufacturer's proprietary system | No  |
| Dimming mains voltage modulation          | No  |
| Dimming trailing edge                     | Yes |
| Dimming leading edge                      | Yes |
| Dimming programmable                      | No  |
| Dimming RF                                | No  |
| Dimming Sine Wave Reduction               | No  |
| Dimming Touch and Dim                     | No  |
| Dimming Zigbee                            | No  |
| Dimming with push-button                  | No  |
| No dimming function                       | No  |
| Constant luminous flux control            | No  |
| IFTTT support available                   | No  |
| Compatible with Apple HomeKit             | No  |
| Bluetooth operated                        | No  |
| Compatible with Google Assistant          | No  |
| Compatible with Casambi                   | No  |
| Compatible with Amazon Alexa              | No  |

| Photometric data  |                        |
|---|------------------------|
| Light distributor   | None                   |
| Light sharing   | Symmetric              |
| Beam angle  | Extreme wide beam >80° |
| Light outlet  | Direct                 |
| Colour of light (alphanumeric)                            | White                  |
| Colour temperature (min) (K)                              | 3000                   |
| Colour temperature (max) (K)                              | 4000                   |
| Colour temperature switchable                             | Discrete positions     |
| Colour rendering index (CRI/Ra)                           | 80-89                  |
| Luminous flux (min) (lm)                                  | 600                    |
| Luminous flux (max) (lm)                                  | 650                    |
| Effective luminous flux (lm)                              | 650                    |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 600                    |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 650                    |
| Lumen setting adjustable                                  | No                     |
| Flickering value Pst LM                                   | 1                      |
| Beam angle adjustable                                     | No                     |
| Stroboscope effect value SVM                              | 0.4                    |
| Photobiological safety according to EN 62471              | RG0                    |
| Colour consistency (McAdam ellipse)                       | SDCM5                  |

| Lifetime and capacity   |        |
|---|--------|
| Rated life time L70/B50 at 25 °C (h)  | 100000 |
| Rated life time L80/B50 at 25 °C  | 100000 |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 80     |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 70     |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)      | 5      |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 10     |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | 0      |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25     |

| Measurements                   |      |
|--------------------------------|------|
| Length (mm)                    | 110  |
| Width (mm)                     | 110  |
| Height/depth (mm)              | 41   |
| Outer diameter (mm)            | 110  |
| Built-in length (mm)           | 90   |
| Built-in width (mm)            | 90   |
| Built-in width (min) (mm)      | 90   |
| Built-in width (max) (mm)      | 90   |
| Built-in height/depth (mm)     | 38   |
| Installation height (min) (mm) | 2000 |
| Installation height (max) (mm) | 4000 |
| Recess diameter (min) (mm)     | 90   |
| Recess diameter (max) (mm)     | 100  |

| Electrotechnical data                   |   |
|---|---|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220                                     |
| Nominal voltage (max) (V)               | 240                                     |
| Nominal current (min) (mA)              | 200                                     |
| Nominal current (max) (mA)              | 200                                     |
| Type of control gear                    | LED operating device current-controlled |
| Total harmonic distortion (THD) (%)     | 20                                      |
| Total harmonic distortion               | 20                                      |
| Protection class according to IEC 61140 | II                                      |
| Suitable for lamp power (min) (W)       | 8                                       |
| Suitable for lamp power (max) (W)       | 8                                       |
| Maximum system power (W)                | 8                                       |
| Luminaire efficacy (min) (lm/W)         | 82                                      |
| Luminaire efficacy (max) (lm/W)         | 82                                      |
| Power factor                            | 0.9                                     |
| Luminaire efficacy (lm/W)               | 82                                      |