

Arel DI

1545x245 IP20 79W/830 AL MA WH

Surface mnt./suspen. luminaire

The Arel D/I luminaire with a downlight and uplight feature is designed for offices and other public spaces. The luminaires are equipped with a matt anti-glare shield. Suspension mounting. The standard range includes two colour temperatures and sizes. Integrated LED. Suspension fixtures included.

Arel DI Surface mnt./suspen. luminaire 79W 3000K 8800lm No dim; IP20; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 3x2.5mm²; Housing Steel; Colour wh; Cover Plastic matt/satinized

Stocked: No

| 1545x245 IP20 79W/830 AL MA WH |         |    |                |
|--------------------------------|---------|----|----------------|
| PRODUCT CODE                   | CODE    | KG | PRODUCT FAMILY |
| 4222728                        | 4222728 | 7  | Arel DI        |



## 1545x245 IP20 79W/830 AL MA WH

EC001743 Pendant luminaire

| Mounting                                                                         |                             |
|----------------------------------------------------------------------------------|-----------------------------|
| Suitable for light line configuration                                            | No                          |
| Fit for workplace acc. EN 12464-1                                                | Yes                         |
| Degree of protection (IP)                                                        | IP20                        |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                          |
| Suitable for emergency lighting                                                  | No                          |
| Emergency function monitoring system                                             | None                        |
| Type of wiring                                                                   | Suitable for through wiring |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5 mm <sup>2</sup>         |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5 mm <sup>2</sup>         |
| Number of poles                                                                  | 6                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5 mm <sup>2</sup>         |
| Connection type                                                                  | Screwless terminal          |
| Structure                                                                        |                             |
| Lamp type                                                                        | LED not exchangeable        |
| Light source included                                                            | Yes                         |
| Suitable for number of lamps                                                     | 1                           |
| Lamp holder                                                                      | Other                       |
| Housing material                                                                 | Steel                       |
| Housing colour                                                                   | White                       |
| Cover material                                                                   | Plastic matt/satinized      |
| Type of grid                                                                     | Matt                        |
| Control gear included                                                            | Yes                         |
| Exchangeable control gear                                                        | Yes                         |
| Reflector                                                                        | Matt                        |
| Energy efficiency class of light source according to EU regulation 2019/2015     | C                           |
| Containing product according to 2019/2020/EU                                     | Yes                         |
| Emergency power supply integrated                                                | No                          |
| Emergency power supply system                                                    | None                        |
| Filament test according to IEC 60695-2-11                                        | 650 °C - 30 s               |
| Suspension supplied with the product                                             | Yes                         |
| Pendant length (min) (mm)                                                        | 2000 mm                     |
| Pendant length (max) (mm)                                                        | 2000 mm                     |

| Electrotechnical data                   |                                         |
|-----------------------------------------|-----------------------------------------|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220 V                                   |
| Nominal voltage (max) (V)               | 240 V                                   |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | I                                       |
| Luminaire efficacy (min) (lm/W)         | 111 lm/W                                |
| Luminaire efficacy (max) (lm/W)         | 111 lm/W                                |
| Suitable for lamp power (min) (W)       | 79 W                                    |
| Suitable for lamp power (max) (W)       | 79 W                                    |
| Maximum system power (W)                | 79 W                                    |
| Luminaire efficacy (lm/W)               | 111 lm/W                                |
| Power factor                            | 0.9                                     |

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

| Photometric data                                           |                 |
|------------------------------------------------------------|-----------------|
| Light distributor                                          | Reflector       |
| Light sharing                                              | Symmetric       |
| Colour consistency (McAdam ellipse)                        | SDCM3           |
| Light outlet                                               | Direct/indirect |
| Direct-/indirect proportion separately controllabl         | Yes             |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 8800 lm         |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 8800 lm         |
| Effective luminous flux (lm)                               | 8800 lm         |
| Colour of light (alphanumeric)                             | White           |
| Colour temperature (min) (K)                               | 3000 K          |
| Colour temperature (max) (K)                               | 3000 K          |
| Colour rendering index (CRI/Ra)                            | 80-89           |
| Unified Glare Rating (UGR)                                 | 19              |
| Flickering value Pst LM                                    | 5               |
| Stroboscope effect value SVM                               | 1               |
| Colour temperature switchable                              | No              |
| Lumen setting adjustable                                   | No              |
| Beam angle adjustable                                      | No              |

| Lifetime and capacity                                                           |          |
|---------------------------------------------------------------------------------|----------|
| Rated life time L70/B50 at 25 °C (h)                                            | 100000 h |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90 %     |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5 %      |
| Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)      | 5 %      |

| Measurements      |         |
|-------------------|---------|
| Width (mm)        | 245 mm  |
| Height/depth (mm) | 55 mm   |
| Length (mm)       | 1545 mm |