

Arel

1545x160 IP20 30W/840 DA AL MA WH

Surface mnt./suspen. luminaire

The extensive Arel luminaire range is designed for offices and other public spaces. The luminaires are equipped with a matt anti-glare shield. Suspension or surface mounting. The standard range includes two colour temperatures and sizes. Integrated LED.

Arel Surface mnt./suspen. luminaire 30W 4000K 3300lm Dim DALI-2; IP20; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 5x2.5mm²; Housing Steel; Colour wh; Cover Plastic matt/satinized

Stocked: No

| 1545x160 IP20 30W/840 DA AL MA WH |             |    |                |
|-----------------------------------|-------------|----|----------------|
| PRODUCT CODE                      | CODE        | KG | PRODUCT FAMILY |
|                                   | D2ARLB-DALI | 3  | Arel           |



## 1545x160 IP20 30W/840 DA AL MA WH

EC001743 Pendant luminaire

| Mounting                                                                         |                             |
|----------------------------------------------------------------------------------|-----------------------------|
| Suitable for light line configuration                                            | No                          |
| Fit for workplace acc. EN 12464-1                                                | Yes                         |
| Max. number of luminaires per miniature circuit breaker B16                      | 28                          |
| Max. number of luminaires per miniature circuit breaker C16                      | 45                          |
| 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                                                                  | 5                           |
| 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                    |
| 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                                         | No                     |

| 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)         | 110 lm/W                                |
| Luminaire efficacy (max) (lm/W)         | 110 lm/W                                |
| Suitable for lamp power (min) (W)       | 30 W                                    |
| Suitable for lamp power (max) (W)       | 30 W                                    |
| Maximum system power (W)                | 30 W                                    |
| Luminaire efficacy (lm/W)               | 110 lm/W                                |
| Power factor                            | 0.9                                     |

| Dimming and control                       |     |
|-------------------------------------------|-----|
| Dimmable                                  | Yes |
| Dimming 0-10 V                            | No  |
| Dimming 1-10 V                            | No  |
| Dimming DALI                              | Yes |
| Dimming DALI-2                            | Yes |
| 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                       | No  |
| With movement sensor                      | No  |
| With presence indicator                   | No  |
| With light sensor                         | 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    |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 3300 lm   |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 3300 lm   |
| Effective luminous flux (lm)                               | 3300 lm   |
| Colour of light (alphanumeric)                             | White     |
| Colour temperature (min) (K)                               | 4000 K    |
| Colour temperature (max) (K)                               | 4000 K    |
| Colour rendering index (CRI/Ra)                            | 80-89     |
| Unified Glare Rating (UGR)                                 | 19        |
| Flickering value Pst LM                                    | 1         |
| Stroboscope effect value SVM                               | 0.4       |
| Colour temperature switchable                              | No        |

| Lifetime and capacity                |          |
|--------------------------------------|----------|
| Rated life time L70/B50 at 25 °C (h) | 100000 h |

| Measurements      |         |
|-------------------|---------|
| Width (mm)        | 160 mm  |
| Height/depth (mm) | 55 mm   |
| Length (mm)       | 1545 mm |