



# Airline Eco

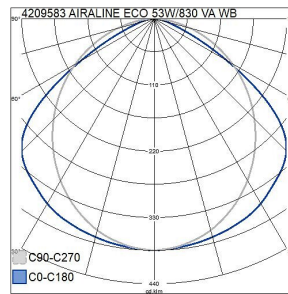
## IP20 50W/830 WB ACO WH

A general lighting solution with a narrow frame for retail premises and industrial facilities. The luminaire is available in two frame lengths and with three optics solutions: for general lighting, narrow beam (NB), and wide beam (WB). Integrated LED, with two colour temperatures. The luminaire offers excellent efficiency, 150 lm/W.

Airline Eco Basic batten luminaire 50W 3000K  
6800lm No dim; IP20; Protection cl. I; L70B50  
100000h; LED not exchangeable; CRI>80; Suitable for  
through wiring; 3x2.5mm<sup>2</sup>; Material Steel; Colour wh;  
C16 max. 51



| IP20 50W/830 WB ACO WH |        |      |                |
|------------------------|--------|------|----------------|
| PRODUCT CODE           | CODE   | KG   | PRODUCT FAMILY |
| 4209583                | D2AEAL | 3 kg | Airline Eco    |



| Mounting   |                              |
|--|------------------------------|
| 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 thorough wiring |
| Number of poles  | 3                            |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5                          |
| Connection type  | Screwless terminal           |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5                          |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5                          |
| Electrical connection with connector system                                      | No                           |
| Quantity of luminaires for MCB C16:  | 51                           |
| Quantity of luminaires for MCB B16:  | 30                           |

| Structure  |                      |
|--|----------------------|
| Lamp type  | LED not exchangeable |
| Light source included  | Yes                  |
| Suitable for number of lamps   | 1                    |
| Lamp holder  | Other                |
| Material   | Steel                |
| Housing colour   | White                |
| Control gear included  | Yes                  |
| Exchangeable control gear  | Yes                  |
| Energy efficiency class of light source according to EU regulation 2019/2015 | D                    |
| Containing product according to 2019/2020/EU                                 | Yes                  |
| With lamp protection cage  | No                   |
| Emergency power supply integrated  | No                   |
| Emergency power supply system  | None                 |
| Filament test according to IEC 60695-2-11                                    | 650 °C - 30 s        |
| With switch  | No                   |

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

| Photometric data  |       |
|---|-------|
| Effective luminous flux (lm)                              | 6800  |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 6800  |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 6800  |
| Colour of light (alphanumeric)                            | White |
| Colour temperature (min) (K)                              | 3000  |
| Colour temperature (max) (K)                              | 3000  |
| Colour rendering index (CRI/Ra)                           | 80-89 |
| Colour temperature switchable                             | No    |
| Lumen setting adjustable                                  | No    |
| Beam angle adjustable                                     | No    |
| Colour consistency (McAdam ellipse)                       | SDCM3 |

| Lifetime and capacity   |        |
|---|--------|
| Rated life time L70/B50 at 25 °C (h)  | 100000 |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 85     |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5      |

| Measurements      |      |
|-------------------|------|
| Width (mm)        | 59   |
| Height/depth (mm) | 59   |
| Length (mm)       | 1484 |

| Electrotechnical data                   |   |
|---|---|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220                                     |
| Nominal voltage (max) (V)               | 240                                     |
| Nominal current (min) (mA)              | 550                                     |
| Nominal current (max) (mA)              | 550                                     |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | I                                       |
| Suitable for lamp power (min) (W)       | 50                                      |
| Suitable for lamp power (max) (W)       | 50                                      |
| Maximum system power (W)                | 50                                      |
| Luminaire efficacy (lm/W)               | 135                                     |
| Power factor                            | 0.9                                     |