



Airline Eco

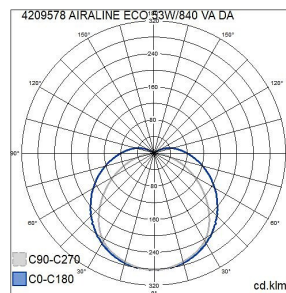
IP20 50W/840 DA2 ACO WH

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 4000K
7200lm Dim DALI-2; IP20; Protection cl. I; L70B50
100000h; LED not exchangeable; CRI>80; Suitable for
through wiring; 5x2.5mm²; Material Steel; Colour wh;
C16 max. 51



IP20 50W/840 DA2 ACO WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4209578	D2AEBH	2 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	5
Conductor cross section (mm ²)	2.5
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm ²)	1.5
Connectable conductor cross section (max) (mm ²)	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	C
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	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 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	No
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)	7200
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	7200
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	7200
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
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)	38
Height/depth (mm)	47
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)	145
Power factor	0.9