Arel

1245X160 IP20 19W/840 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 19W 4000K 2150lm 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

1245X160 IP20 19W/840 AL MA WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4222732	4222732	2.5	Arel

1245X160 IP20 19W/840 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	31
Max. number of luminaires per miniature circuit breaker C16	53
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) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Number of poles	3
Conductor cross section (mm²)	2.5 mm²
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	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)	113 lm/W
Luminaire efficacy (max) (lm/W)	113 lm/W
Suitable for lamp power (min) (W)	19 W
Suitable for lamp power (max) (W)	19 W
Maximum system power (W)	19 W
Luminaire efficacy (lm/W)	113 lm/W
Power factor	0.9

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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
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	2150 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	2150 lm
Effective luminous flux (lm)	2150 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	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)	160 mm
Height/depth (mm)	55 mm
Length (mm)	1245 mm