



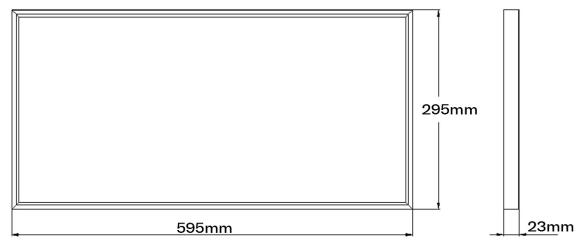
# Avira

## M 1800LM CCT DIM REMOTE WH

Panel luminaire

Avira is a versatile panel luminaire for general lighting in the home or small office. The product family contains panel luminaires in three different sizes: the square-shaped Avira S (295 x 295 mm), the rectangular Avira M (295 x 595 mm) and the long Avira L (295 x 1195 mm). The luminaire can be dimmed with the included remote. The colour temperature is also adjustable in increments of 2700 K / 4000 K / 6500 K. Easy surface installation! The power supply has a wire to which the wires coming from the ceiling are connected.

Avira Surface mounted luminaire 23W 2700K/4000K/6500K 1800lm Dim RF; IP20; IK00; Protection cl. II; L70B50 30000h; LED not exchangeable; CRI>80; SDCM6; Suitable for through wiring; 2x0.75-1.5mm<sup>2</sup>; Housing Other; Colour wh



### M 1800LM CCT DIM REMOTE WH

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
9610619		1.443	Avira

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EC002892

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	Yes
Degree of protection (IP)	IP20
Degree of protection (NEMA)	Other
Impact strength	IK00
Suitable for emergency lighting	No
Luminaire may be covered with thermally insulating material	No
Type of wiring	Suitable for through wiring
Number of poles	2
Conductor cross section (mm <sup>2</sup> )	0.75
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm <sup>2</sup> )	0.75
Connectable conductor cross section (max) (mm <sup>2</sup> )	1.5

Structure	
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Other
Housing surface protection	Other
Housing colour	White
Type of grid	None
Control gear included	Yes
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	D
Emergency power supply integrated	No
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

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

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Open beam
Colour consistency (McAdam ellipse)	SDCM6
Light outlet	Direct
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	1800
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	1800
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	1800
Colour temperature (min) (K)	2700
Colour temperature (max) (K)	6500
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	Discrete positions
Lumen setting adjustable	Continuously variable
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	30000
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	2
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-20
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	40

Measurements	
Width (mm)	295
Height/depth (mm)	23
Length (mm)	595

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	198
Nominal voltage (max) (V)	264
Nominal current (min) (mA)	95
Nominal current (max) (mA)	122
Type of control gear	LED operating device voltage-controlled
Protection class according to IEC 61140	II
Suitable for lamp power (min) (W)	23
Suitable for lamp power (max) (W)	23
Maximum system power (W)	23
Luminaire efficacy (lm/W)	78
Power factor	0.85