

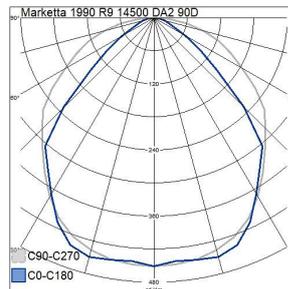


# Marketta

## 1990 R9 14500 DA2 90D

Energy-efficient Marketta luminaire series has been designed specifically with the lighting needs of commercial premises and stores. Marketta is also suitable for spaces where high-quality general lighting is needed. The structure of the luminaire has been optimized by minimizing the use of materials, making it as cost-effective, ecological, and lightweight as possible. The lightweight structure also makes handling and installation of the luminaire easy and effortless. Various installation kits are available; both as ready-made solutions and customized. Marketta is designed in Kerava, Finland and manufactured at the Airam factory in Lahti.

Marketta Basic batten luminaire 85W 4000K 14500lm Dim DALI-2; Dim programmable; Dim with push-button; IP20; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; Suitable for through wiring; 5x2.5mm<sup>2</sup>; Material Steel; Colour wh



### 1990 R9 14500 DA2 90D

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
A3MARH-DALI	A3MARH-DALI		Marketta

Mounting	
Degree of protection (IP)	IP20
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	Yes
Luminaire may be covered with thermally insulating material	-
Suitable for emergency lighting	No
Emergency function monitoring system	None
Type of wiring	Suitable for through wiring
Number of poles	5
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	blank

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	B
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	Yes
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming with push-button	Yes
Dimming Zigbee	No
No dimming function	No
Constant luminous flux control	Yes
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	
Light distributor	Diffuser lens/optic/panel
Effective luminous flux (lm)	14500
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	14500
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	14500
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	Continuously variable
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) (%)	90
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5

Measurements	
Width (mm)	78
Height/depth (mm)	64
Length (mm)	1990

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Nominal current (min) (mA)	300
Nominal current (max) (mA)	300
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (max) (W)	85
Maximum system power (W)	85
Luminaire efficacy (lm/W)	171
Power factor	0.9