Marketta

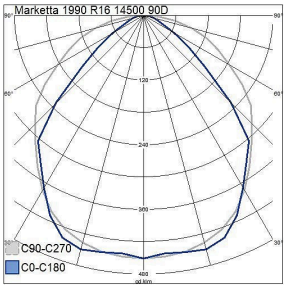
1990 R16 14500 90D

Basic batten luminaire



The Finnish-made 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 and lightweight as possible. The lightweight construction 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. The product has been awarded the Key Flag Symbol.

Marketta Basic batten luminaire 85W 4000K 14500lm No dim; IP20; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; Suitable for through wiring; 5x2.5mm²; Material Steel; Colour wh; C16 max. 22



Stocked: No

1990 R16 14500 90D			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
	A3MARK	4.8	Marketta

1990 R16 14500 90D

EC000109 Batten luminaire

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

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

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	
Light distributor	Diffuser lens/optic/panel
Effective luminous flux (lm)	14500 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	14500 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	14500 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
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 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 %

Mounting	
Degree of protection (IP)	IP20
Impact strength	IK02
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 (mm²)	2.5 mm²
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²

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