# Marketta

## 1990 R14 24300 90D

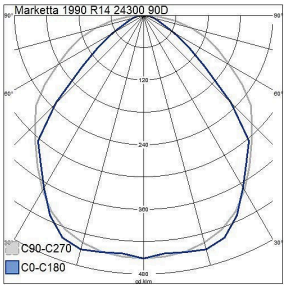
Basic batten luminaire



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 160W 4000K 24300lm 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 R14 24300 90D | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| | A3MARV | 4.68 | Marketta |

# 1990 R14 24300 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) | 525 mA |
| Nominal current (max) (mA) | 525 mA |
| Type of control gear | LED operating device current-controlled |
| Protection class according to IEC 61140 | I |
| Suitable for lamp power (min) (W) | 160 W |
| Suitable for lamp power (max) (W) | 160 W |
| Maximum system power (W) | 160 W |
| Luminaire efficacy (lm/W) | 152 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) | 24300 lm |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 24300 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 24300 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 |