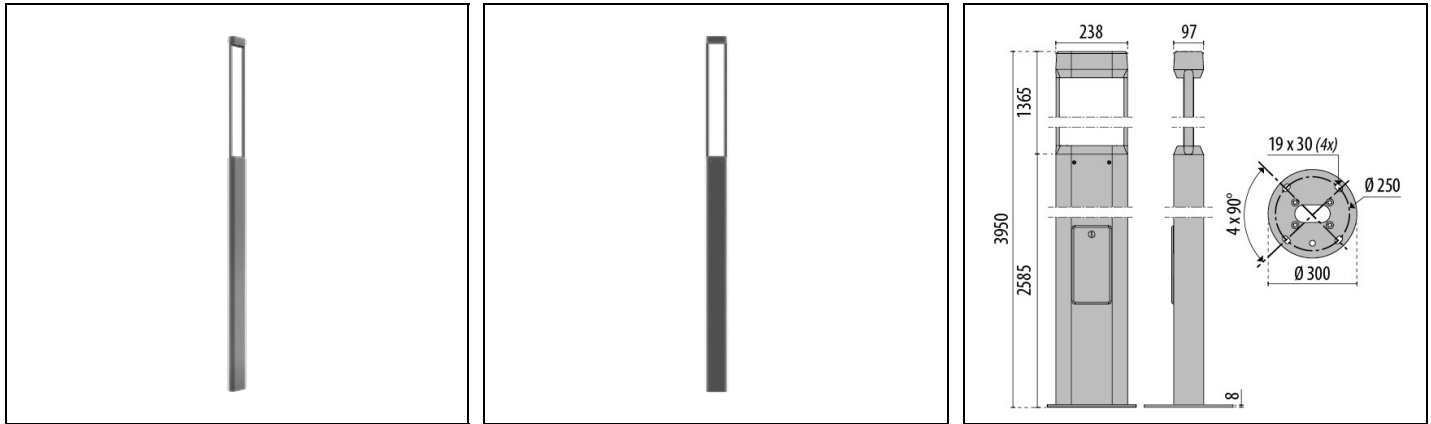


# AMON MAXI A/M

Part number 306073



## Description

Series of lighting columns, comprising:

- Extruded aluminium column, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Extra-clear, toughened, flat glass diffuser, silk-screened on the inside
- UV stabilised polycarbonate opal diffuser (SOFT versions)
- Coated die-cast aluminium optical compartment
- Optical unit made of high transmittance technopolymer optics or polished and oxidised pure aluminium according to models
- Anti-ageing custom moulded silicone sealing gasket(s)
- Electrical connection via junction box
- Die-cast aluminium inspection access door included
- Built-in driver
- Stainless steel locking hardware
- Coated die-cast aluminium cabling compartment
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Floor mounting steel base plate included
- Heavy-duty die-cast aluminium base cover available as accessory (ordered separately)
- Stainless steel bolt-on root for concrete anchoring available as accessory (ordered separately)
- Dimmable DALI options available. Consult factory
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory

To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website [www.performanceinlighting.com](http://www.performanceinlighting.com). Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

## Product data

|             |          |             |          |
|-------------|----------|-------------|----------|
| ETIM Group: | EG000027 | ETIM Class: | EC000301 |
|-------------|----------|-------------|----------|

## General information

|                                    |                                    |                              |        |
|------------------------------------|------------------------------------|------------------------------|--------|
| Lampholder:                        | LED                                | Light source:                | LED    |
| Lightsource lumen output [lm]:     | 2850                               | Luminaire lumen output [lm]: | 1405   |
| Luminaire wattage [W]:             | 27 W                               | Luminous efficacy [lm/W]:    | 52     |
| CRI:                               | 80                                 | Colour temperature [K]:      | 3000   |
| Colour / Finishing:                | AN-g6 / Anthracite gray / Textured | IP degree of protection:     | IP65   |
| Impact resistance / impact energy: | IK08 5J xx5                        | Protection class:            | I      |
| Optic:                             | A17/M - Asymmetric Medium          | Net weight [kg]:             | 32.475 |
| Overall diameter [mm]:             | 300                                | Overall height [mm]:         | 3950   |

## Mechanical features

|                            |             |                            |           |
|----------------------------|-------------|----------------------------|-----------|
| Shape:                     | Rectangular | Housing material:          | Aluminium |
| Diffuser material:         | Glass       | Glow wire test [°C]:       | 650 °C    |
| Frontal exposed area [m²]: | 0.75        | Lateral exposed area [m²]: | 0.38      |
| Top exposed area [m²]:     | 0.02        |                            |           |

## Electrical features

|                                 |                  |                                       |           |
|---------------------------------|------------------|---------------------------------------|-----------|
| Voltage type:                   | AC               | Input voltage [V AC]:                 | 220/240   |
| Input frequency [Hz]:           | 220-240V 50/60Hz | Power factor / COS Φ:                 | 0.9       |
| Surge protection   Common [kV]: | 10.000000        | Surge protection   Differential [kV]: | 10.000000 |
| Inrush current [A/μs]:          | 5 / 50           | C10 1.5 mm²:                          | 52        |
| C16 2.5 mm²:                    | 85               | B10 1.5 mm²:                          | 31        |
| B16 2.5 mm²:                    | 50               |                                       |           |

## Installation

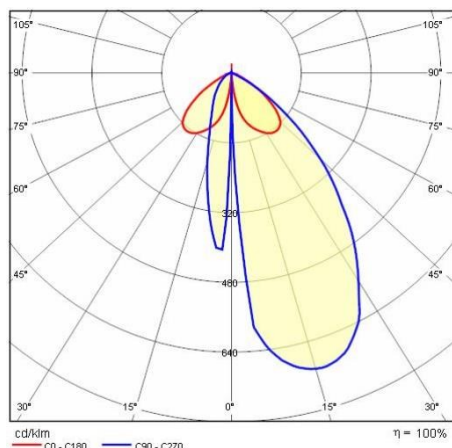
|                                |                  |                                |                    |
|--------------------------------|------------------|--------------------------------|--------------------|
| Application area:              | Outdoor lighting | Mounting type:                 | Bollard and column |
| Min. ambient temperature [°C]: | -25              | Max. ambient temperature [°C]: | 30                 |

## Light features

|                                  |        |                                |               |
|----------------------------------|--------|--------------------------------|---------------|
| MacAdam:                         | 3      | Lumen maintenance:             | L70B10@50000h |
| Distribution of light emission:  | Direct | Luminous Intensity Class:      | G'3           |
| Zero light pollution (ULR - 0%): |        | IPEA* (historic city centers): | C             |

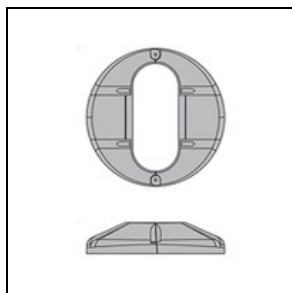
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## Photometric data



## Optional accessories

### AMON MAXI



#### 310921

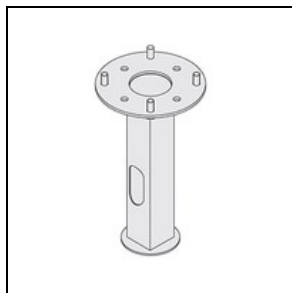
AMON groundplate cover

■ AN-96 / Anthracite gray



#### 310922

Flange plate with fixing rod



#### 310923

Steel bolt-on root

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