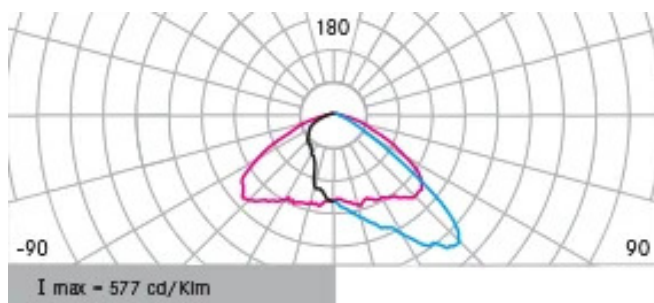
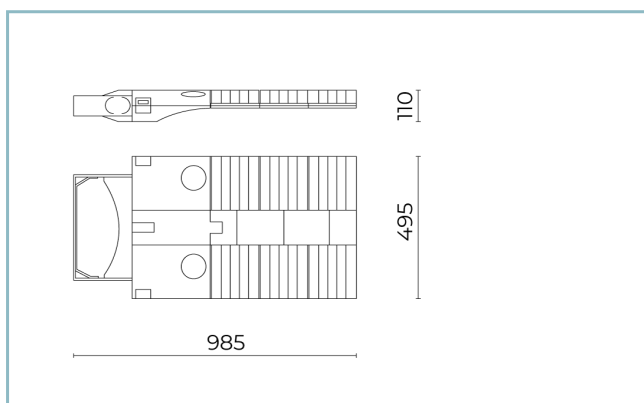




### General Features

|   |                        |
|---|------------------------|
| Description:                              | modular LED floodlight |
| Insulation class:                         | class II               |
| Rated voltage:                            | 220-240 V 50/60 Hz     |
| Protection Grade:                         | IP66                   |
| Impact protection:                        | IK08                   |
| Power Factor:                             | > 0.90                 |
| Ambient temperature Ta:                   | -30°C +50°C            |
| Weight:                                   | 25.50 kg               |
| Max exposed surface:                      | 0,38 m <sup>2</sup>    |
| Lateral exposed surface:                  | 0,07 m <sup>2</sup>    |
| Common mode surge protection:             | 10 kV                  |
| Overvoltage protection differential mode: | 10 kV                  |
| Drivers:                                  | included               |
| Marks and Certifications:                 | ENEC / CE              |



### Performance Data\*

|                       |          |
|-----------------------|----------|
| LED Current:          | 350 mA   |
| Source flow:          | 27505 lm |
| Source power:         | 138 W    |
| Source efficiency:    | 199 lm/W |
| Device flow:          | 23655 lm |
| Device power:         | 157 W    |
| Appliance efficiency: | 151 lm/W |
| Glare Index Category: | D5       |

### Optical System

|   |
|---|
| Source: LED R12   |
| Color Temperature: 4000 K   |
| Color Rendering Index (CRI): $\geq 70$  |
| Color Consistency (SDCM): $\leq 4$  |
| Type of optics: asymmetrical LT-05  |
| Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @700mA @Ta25°C TM21 L80B10 |
| Photobiological safety class: EXEMPT GROUP  |
| Light intensity category: G*6   |

### Normative References

EN60598-1 / EN60598-2-5 / EN62471 / EN61547

### Installation and maintenance

|   |
|---|
| Installation: wall / light tower                                |
| Fixing: adjustable steel bracket AISI 316                       |
| Ø power cable: 10 ÷ 14 mm                                       |
| Cable Gland: PG16   |
| Replaceable wiring plate: removable by unlocking fastening clip |
| Replaceable optical unit: each LED module is replaceable        |
| Power supply compartment: independent from the optical group    |

### Flow adjustment

On request

|   |   |
|---|---|
| Virtual Midnight Teaching                 | X |
| Arrangement for Zhaga connector (Book 18) | X |
| Constant flow output (CLO)                | X |
| DALI control                              | X |
| Mains voltage variation                   | X |
| Pilot line                                | X |
| Power line telemanagement (PLC)           | X |
| Wireless remote management                | X |
| Provision for motion/light sensors        | X |

### Materials

|  |
|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)   |
| Screen: tempered flat glass  |
| Seals: expanded anti-age silicone foam   |
| Screws: stainless steel AISI 304   |
| Wiring plate: self-extinguishable technopolymer V0   |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

### Colors

|                |                              |
|----------------|------------------------------|
| ■ Grey RAL9006 | Code: <b>06MQ4Q43038AHM4</b> |
|----------------|------------------------------|

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**Product Sheet**

Rev. 25/03/2022

**M48 Flood**

Options: 3 modules

Color Temperature: 4000 K

Type of optics: asymmetrical LT-05

**06MQ4Q43038AHM4**Colour: Grey RAL9006

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**NOTES****\*Performance data**

The values indicated in this data sheet are nominal values with a tolerance of  $\pm 7\%$ .

Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

**General Data**

The characteristics of the product listed may be subject to change and must be confirmed when ordering.

In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior notice.