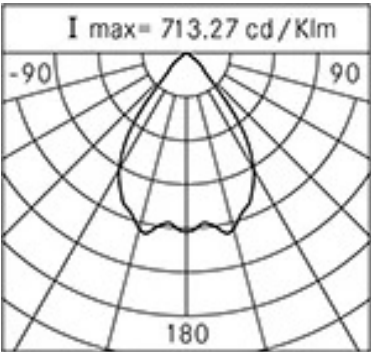
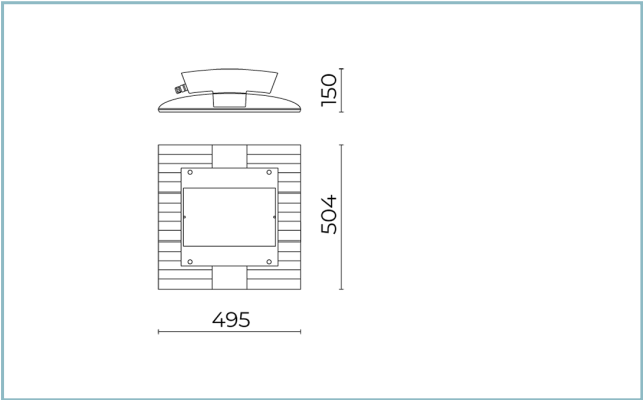




**General Features**

|   |
|---|
| Description: ceiling-mounted modular LED system                 |
| 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: 18.50 kg  |
| Max exposed surface: 0,24 m <sup>2</sup>                        |
| Lateral exposed surface: 0,05 m <sup>2</sup>                    |
| Common mode surge protection: 10 kV                             |
| Overvoltage protection differential mode: 10 kV                 |
| Driver: included  |
| Marks and Certifications: CE / Resistance to the launch of ball |



**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: | D6       |

### Optical System

|  |
|--|
| Source: LED R12  |
| Color Temperature: 4000 K                                |
| Color Rendering Index (CRI): $\geq 70$                   |
| Chromatic consistency (SDCM): $\leq 4$                   |
| Type of optics: square wide beam QU-D                    |
| Optical group life: >100.000h @700mA @Ta25°C TM21 L80B20 |
| Photobiological safety class: EXEMPT GROUP               |
| Light intensity category: G*6                            |

### Normative References

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

### Installation and maintenance

|   |
|---|
| Installation: ceiling installation  |
| Fixing: designed for connection systems required by busbar suppliers; steel brackets fastened to ceiling with expansion anchors or chemical bolts; suspension from ceiling with steel cables  |
| Wiring: connecting the system to the power supply line via an external tool-free panel connector means the product does not need to be opened and speeds up installation (in two or three module versions: on request, two separate 230V control gears) |
| Ø power cable: 10 ÷ 14 mm   |
| Cable Gland: PG16   |
| Power supply compartment: independent from the optical group  |

### Flow adjustment

|                                 | Standard | On request |
|---------------------------------|----------|------------|
| Virtual Midnight Teaching       | 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          |
| Emergency lighting              | X        |            |

### Materials

|  |
|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)   |
| Screen: tempered flat glass  |
| Lenses: high-transparency PMMA   |
| Fixing system: cutted and folded metal sheet bracket   |
| Seals: expanded anti-age silicone foam   |
| Screws: stainless steel AISI 304   |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

### Colors

|  |                              |
|--|------------------------------|
|  Grey RAL9006 | Code: <b>06MQ1Q43085AHM4</b> |
|--|------------------------------|

## Complements



06MQ901J

Suspension kit  
ceiling-mounted L=1500 mm.



06MQ900A

Ceiling fixing bracket.  
Colour: grey RAL9006.

## NOTES

### \*Performance data

The values indicated in this data sheet are nominal values with a tolerance of +/-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.