



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 ²
Lateral exposed surface: 0,07 m ²
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Driver: included
Marks and Certifications: CE



Performance Data*

LED Current:	525 mA
Source flow:	35930 lm
Source power:	210 W
Source efficiency:	171 lm/W
Device flow:	30900 lm
Device power:	233.5 W
Appliance efficiency:	132 lm/W
Glare Index Category:	D4

Optical System

Source: LED R12
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: asymmetrical LT-06
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*4

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: 06MQ4Q45937AHM4
----------------	------------------------------

Product Sheet

Rev. 23/07/2024

M48 Flood

Options: 3 modules

Color Temperature: 3000 K

Type of optics: asymmetrical LT-06

06MQ4Q45937AHM4Colour: Grey RAL9006

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.