



General Features

Description:	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:	4.1 kg
Max exposed surface:	0.047 m²
Lateral exposed surface:	0.038 m²
Common mode surge protection:	10 kV
Overvoltage protection differential mode:	6 kV
Driver:	included
Driver lifetime:	>100.000h @Ta25°C L80B10
Marks and Certifications:	CE



Performance Data*

LED Current:	525 mA
Source flow:	2780 lm
Source power:	23.5 W
Source efficiency:	118 lm/W
Device flow:	2480 lm
Device power:	27.5 W
Appliance efficiency:	90 lm/W
Glare Index Category:	D6

Optical System

Source: LED L4

Color Temperature: 2700 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: U-C 6° Ultra-narrow beam

Optical group life: >100.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*6

Normative References

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

Installation and maintenance

Installation: wall / ceiling / ground / side pole

Pole diameter: Ø 102 mm

Tilt: -45° +90°, continuously-adjustable pointing and locking system.

Wiring: pre-wired product with cable and connector

Ø power cable: 12 mm

Cable Gland: M20

Power supply compartment: independent from the optical group

Flow adjustment

Standard

DALI control

X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass

Lenses: high-transparency PMMA

Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304

Wiring plate: zinc-plated steel

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

■ Grey RAL9006

Code: **06OM6B658C3AHL**

Product Sheet

Rev. 07/09/2023

Omikron pro Flood

Color Temperature: 2700 K

Type of optics: U-C 6° Ultra-narrow beam

06OM6B658C3AHLColour: 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.