



General Features

Description: LED fitting for lighting façades, paths and urban spaces

Insulation class: Class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK07

Surge protection device: integrated 2kV-4kV

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 4.5 kg

Max exposed surface: 0.04 m²

Lateral exposed surface: 0.015 m²

Common mode surge protection: 2 kV

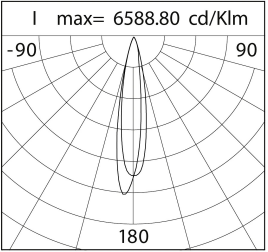
Overvoltage protection differential mode: 4 kV

Driver: included

Marks and Certifications: CE



GRA 18



see Accessories

Performance Data*

Source flow:	2200 lm
Source power:	16 W
Source efficiency:	138 lm/W
Device flow:	1670 lm
Device power:	18 W
Appliance efficiency:	93 lm/W

Optical System

Source: 5 LED

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: M 18° Medium beam

Optical group life: >60.000 h @ Ta 25°C L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Normative References

EN60598-1 / EN60598-2-3 / EN61547 / EN62471 / EN55015 /
EN61000-3-2 / EN61000-3-3

Installation and maintenance

Installation: wall, ceiling, ground

Tilt: -90° +130° continuously adjustable

Ø power cable: 7 ÷ 13 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 4 mm

Lenses: high-transparency PMMA

Seals: anti-age silicone

Screws: stainless steel AISI 304

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

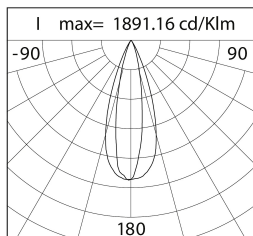
Colors

 Corten

Code: **06K11C01200C6UJHL**

Complements

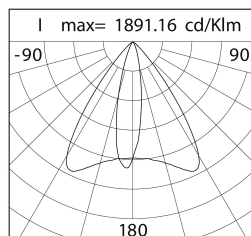
GRA 30x18



06KI901X0

Kit converter medium beam 30°x18°

GRA 60x18



06KI902X0

Kit converter wide beam 60°x18°



06KI911X0

Wall Spacer

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.