



**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: 6.2 kg

Max exposed surface: 0.04 m<sup>2</sup>

Lateral exposed surface: 0.021 m<sup>2</sup>

Common mode surge protection: 2 kV

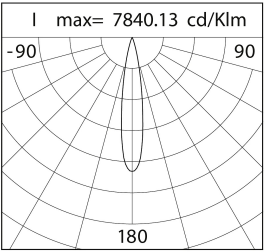
Overvoltage protection differential mode: 4 kV

Driver: included

Marks and Certifications: CE



**PRO 18**



see Accessories

**Performance Data\***

Source flow:	3240 lm
Source power:	31.5 W
Source efficiency:	103 lm/W
Device flow:	2460 lm
Device power:	35 W
Appliance efficiency:	70 lm/W

### Optical System

Source: 10 LED

Color Temperature: 2200 K

Color Rendering Index (CRI):  $\geq 80$

Chromatic consistency (SDCM):  $\leq 3$

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

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: **06K12E01201C6UHL**

## Complements

### PRO 40



06KI904X0

Kit converter wide beam D40°

### ASY 90X45



06KI900X0

Kit converter asymmetric beam  
 $90^\circ \times 45^\circ$

### ASY 12x50



06KI903X0

Kit converter ellipsoidal beam  $12^\circ \times 50^\circ$



06KI911X0

Wall Spacer

## 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.