



**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>

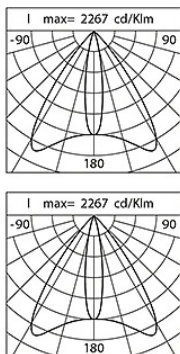
Lateral exposed surface: 0.021 m<sup>2</sup>

Common mode surge protection: 2 kV

Overvoltage protection differential mode: 4 kV

Driver: included

Marks and Certifications: CE



| Performance Data*     | ELL50x18_UP | ELL50x18_DOWN |
|-----------------------|-------------|---------------|
| Source flux:          | 2210 lm     | 2210 lm       |
| Source power:         | 16 W        | 16 W          |
| Source efficiency:    | 138 lm/W    | 138 lm/W      |
| Device flux:          | 1610 lm     | 1610 lm       |
| Device power:         | 18 W        | 18 W          |
| Appliance efficiency: | 92 lm/W     | 92 lm/W       |

**Optical System**

|  |
|--|
| Source: 10 LED                                 |
| Color Temperature: 4000 K                      |
| Color Rendering Index (CRI): ≥ 80              |
| Chromatic consistency (SDCM): ≤ 3              |
| Type of optics: ELL50°x18° + ELL50°x18°        |
| 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: ceiling  |
| 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        |

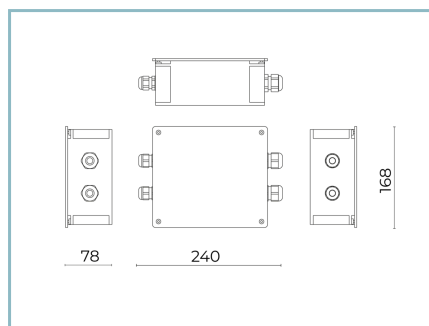
**Materials**

|  |
|--|
| 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**

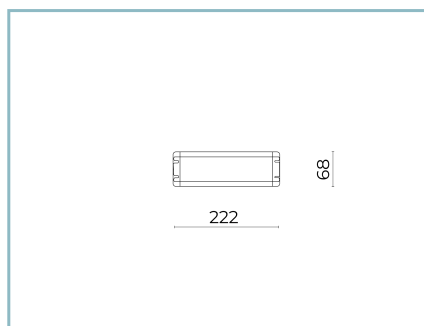
|  |                                |
|--|--------------------------------|
|  Corten | Code: <b>06KI4E01200C13UHL</b> |
|--|--------------------------------|

## Complements



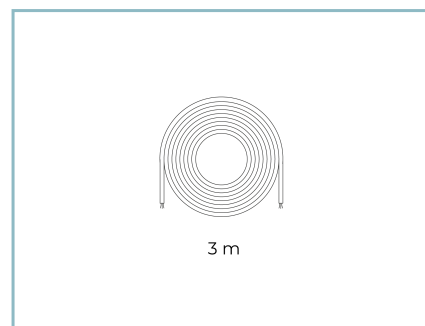
06KI906X0

D10 Kit connessione



06KI909X0

D13 Kit driver



06KI912X0

Kit cable



06KI913X0

Kit cable



06KI914X0

Kit cable



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.