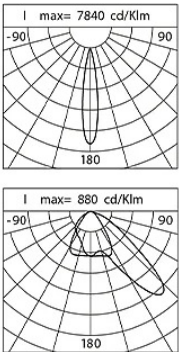




**General Features**

- 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 m²
- Lateral exposed surface: 0.021 m²
- Common mode surge protection: 2 kV
- Overvoltage protection differential mode: 4 kV
- Driver: included
- Marks and Certifications: CE



Performance Data*	M18_UP	AS-D90_DOWN
Source flux:	2060 lm	2060 lm
Source power:	16 W	16 W
Source efficiency:	129 lm/W	129 lm/W
Device flux:	1625 lm	1100 lm
Device power:	18 W	18 W
Appliance efficiency:	93 lm/W	63 lm/W

**Optical System**

Source: 10 LED
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 80
Chromatic consistency (SDCM): ≤ 3
Type of optics: M 18° + AS-D90°
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
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**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

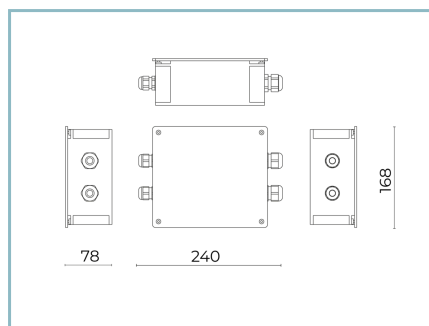
**Materials**

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**

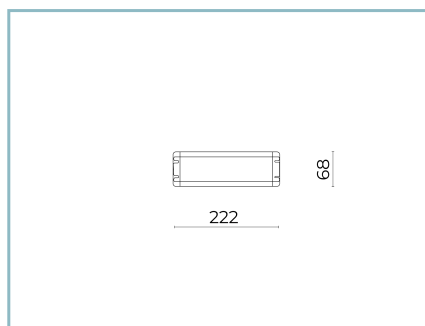
 White RAL9003	Code: <b>06KI4E01209C22DHL</b>
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## Complements



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.