

General Features

Description: LED fitting for lighting façades, paths

and urban spaces

Insulation class: Class III

Rated voltage: 24 Vdc 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

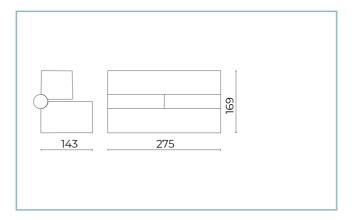
Lateral exposed surface: 0.021 m²

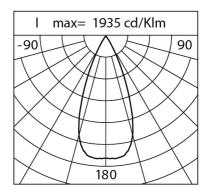
Common mode surge protection: 2 kV

Overvoltage protection differential mode: 4 kV

Driver: remote (to be ordered separately)

Marks and Certifications: CE





Performance Data*

Source flux:	1820 lm
Source power:	20 W
Source efficiency:	91 lm/W
Device flux:	1305 lm
Device power:	22 W
Appliance efficiency:	59 lm/W



Optical System Source: 5 LED

Color Rendering Index (CRI): ≥ 80	
Chromatic consistency (SDCM): ≤ 3	
Type of optics: W40°	
Optical group life: >60.000 h @ Ta 25°C L80B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
BUG rating: B2-U0-G0	
Normative References	
EN60598-1 / EN60598-2-3 / EN61547 / EN62471 / EN55 EN61000-3-2 / EN61000-3-3	015 /

Installation and maintenance

Color Temperature: RGBW - 3000 K

Installation: 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	Х	

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

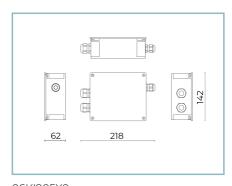
Colors

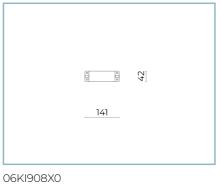
Corten

Code: 06KI3C050RC12UHS5



Complements



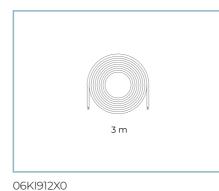


06KI905X0

D9 Connection kit

D12 Driver Kit

Complements



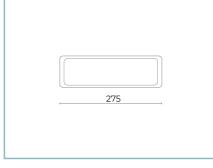




06KI913X0

Kit cable





06KI911X0

Kit cable

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.

