



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

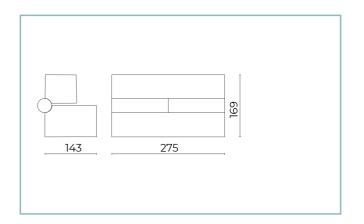
Lateral exposed surface: 0.021 m²

Common mode surge protection: 2 kV

Overvoltage protection differential mode: 4 kV

Driver: remote (to be ordered separately)

Marks and Certifications: CE



l max= 1935 cd/Klm -90 90 180

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



Product Sheet 30/07/2024

Kinetic CeilingSize: Monoemission
Color Temperature: RGBW - 3000 K

Type of optics: W40°

06KI3C050RC12DHS5

Colour: White RAL9003

Optical System

Source: 5 LED

Color Temperature: RGBW - 3000 K

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 / EN55015 / EN61000-3-2 / EN61000-3-3

Installation and maintenance

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	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

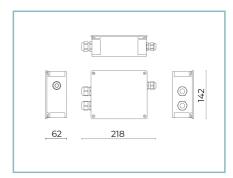
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

White RAL9003 Code: **06Ki3C050RC12DHS5**



Complements





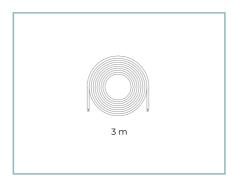
06KI905X0

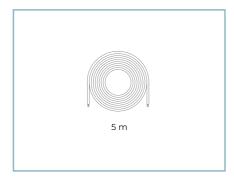
D9 Connection kit

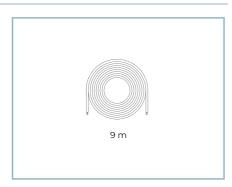
06KI908X0

D12 Driver Kit

Complements







06KI912X0

Kit cable

06KI913X0

Kit cable

06KI914X0 Kit cable

275

06KI911X0

Wall Spacer

Product Sheet 30/07/2024

Kinetic Ceiling

Size: Monoemission Color Temperature: RGBW - 3000 K

Type of optics: W40°

06KI3C050RC12DHS5 Colour: White RAL9003

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.

