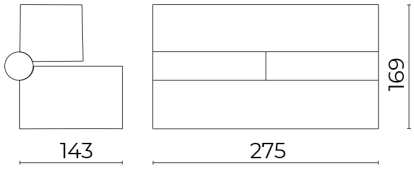
Product Sheet
30/07/2024

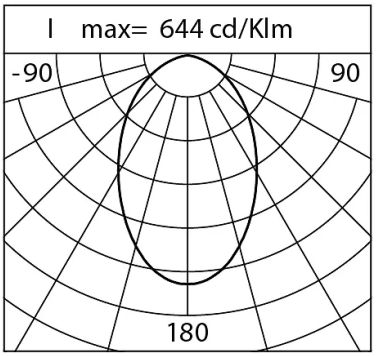
Kinetic Ceiling
Size: Monoemission
Color Temperature: RGBW - 3000 K
Type of optics: D70°

06KI3C050RC15DHS5
Colour: White RAL9003

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:	1200 lm
Device power:	22 W
Appliance efficiency:	55 lm/W

Cariboni group

Optical System
Source: 5 LED
Color Temperature: RGBW - 3000 K
Color Rendering Index (CRI): ≥ 80
Chromatic consistency (SDCM): ≤ 3
Type of optics: D70°
Optical group life: >60.000 h @ Ta 25°C L80B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
BUG rating: B1-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: **06KI3C050RC15DHS5**

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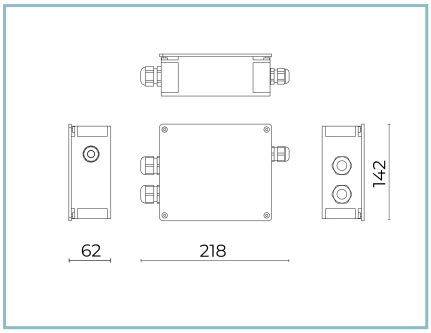
Complements



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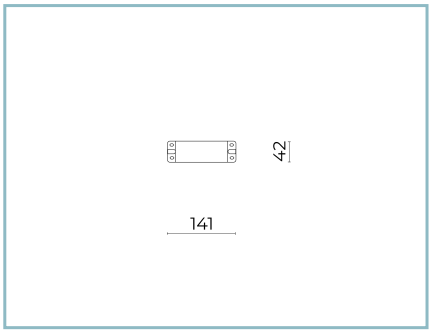
D9 Connection kit



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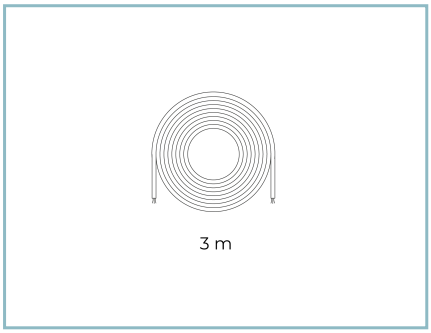
D12 Driver Kit

Complements



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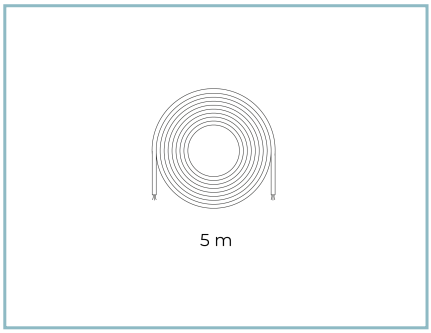
Kit cable



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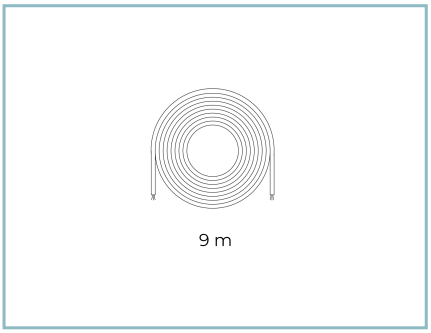
Kit cable



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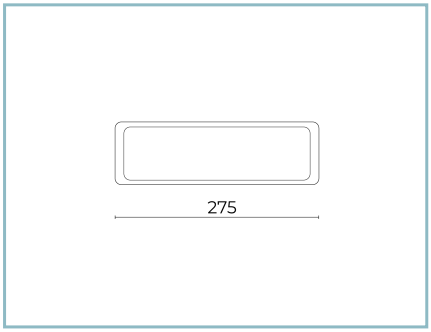
Kit cable



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Wall Spacer

Cariboni group

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.