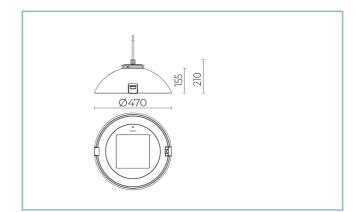
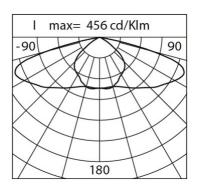


# **General Features**

Description: LED luminaire Insulation class: class II Rated voltage: 220-240 V 50/60 Hz Protection Grade: IP66 Impact protection: IK09 Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM Power Factor: > 0.90 Ambient temperature Ta: -30°C +50°C Weight: 8.8 kg Max exposed surface: 0.17 m<sup>2</sup> Lateral exposed surface: 0.08 m<sup>2</sup> Common mode surge protection: 10 kV Overvoltage protection differential mode: 10 kV Driver: included Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h) Marks and Certifications: ENEC/CE





# Performance Data\*

| Source flux:          | 5950 lm  |
|-----------------------|----------|
| Source power:         | 37.5 W   |
| Source efficiency:    | 159 lm/W |
| Device flux:          | 5075 lm  |
| Device power:         | 42 W     |
| Appliance efficiency: | 121 lm/W |
| Glare Index Category: | D6       |
|                       |          |



# **Optical System**

| Source: LED R2                              |                      |
|---|----------------------|
| Color Temperature: 2200 K                   |                      |
| Color Rendering Index (CRI): ≥ 70           |                      |
| Chromatic consistency (SDCM): ≤ 3           |                      |
| Type of optics: SO-02 Street centered       |                      |
| Optical group life: >100.000 h @ Ta 25°C    | C L90B10             |
| Photobiological safety class: EXEMPT C      | ROUP                 |
| ULOR: 0%                                    |                      |
| DLOR: 100%                                  |                      |
| Light intensity category: G*4               |                      |
| BUG rating: B2-U0-G0                        |                      |
| Normative References                        |                      |
| EN60598-1 / EN60598-2-3 / EN61547 / E       | N62471, EN55015 /    |
| EN61000-3-2/EN61000-3-3                     |                      |
|   |                      |
| Installation and maintenance                |                      |
| Installation: suspension for string Ø 6 ÷   | - 12 mm, inclination |
| horizontal ± 15°, adjustability 0° ÷ 360° / | <sup>/</sup> arcade  |
| Wiring: pre-wired product with cable a      | nd connector         |
| Ø power cable: 10 ÷ 14 mm                   |                      |
| Cable Gland: PG16                           |                      |
| Replaceable wiring plate: removable p       | late                 |
| Replaceable optical unit: each LED mo       | dule is replaceable  |
|   |                      |

Screen opening: opening by clip, fall block

Power supply compartment: independent from the optical system

| Flow adjustment                           | On request |
|---|------------|
| Virtual Midnight Teaching                 | Х          |
| Arrangement for Zhaga connector (Book 18) | Х          |
| Constant flow output (CLO)                | Х          |
| Adjusting 1-10V                           | Х          |
| DALI control                              | Х          |
| Mains voltage variation                   | Х          |
| Power line telemanagement (PLC)           | Х          |
| Wireless remote management                | Х          |
| Provision for motion/light sensors        | Х          |

# Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass

Lenses: high-transparency PMMA

Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304

Wiring plate: zinc-plated steel

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

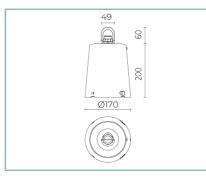
#### Colors

White RAL9003

Code: 01TH1C442126DHM4

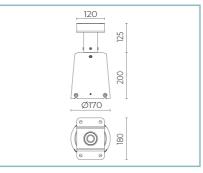


### Complements





C3 Suspension for chain (not included). Colour: Sablè 100 Noir.



#### 01TH905C0

C6 Arcade suspension Colour: Sablé 100 Noir.

#### 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.

