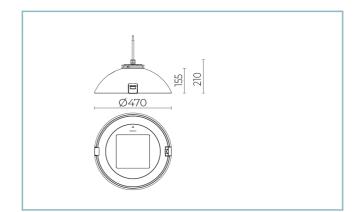
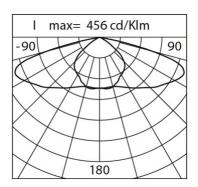


# **General Features**

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:	9160 lm
Source power:	49 W
Source efficiency:	187 lm/W
Device flux:	7840 lm
Device power:	53 W
Appliance efficiency:	148 lm/W
Glare Index Category:	D5



## **Optical System**

Source: LED R2	
Color Temperature: 3000 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 L90B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
Light intensity category: G*4	
BUG rating: B2-U0-G1	
Normative References	
EN60598-1 / EN60598-2-3 / EN61547 / EN62471, EN5	55015 /
EN61000-3-2 / EN61000-3-3	
Installation and maintenance	
nstallation: suspension for string Ø 6 $\div$ 12 mm, inc	lination
norizontal ± 15°, adjustability 0° ÷ 360° / arcade	
Wiring: pre-wired product with cable and connect	tor
Ø power cable: 10 ÷ 14 mm	
•	
Cable Gland: PG16	
Cable Gland: PG16 Replaceable wiring plate: removable plate	

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

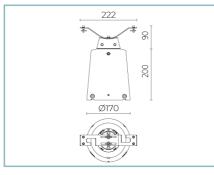
### Colors

White RAL9003

Code: 01TH1C454926DHM4



### Complements



### 01TH901C0

C2 Suspension for string

Ø 6-12 mm. 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.

