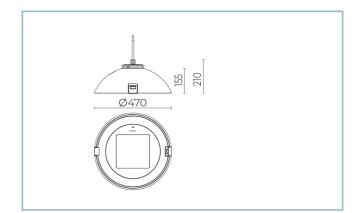
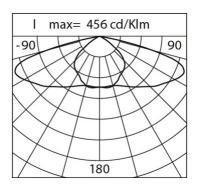


General Features

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





Performance Data*

Source flux:	2830 lm
Source power:	13 W
Source efficiency:	218 lm/W
Device flux:	2420 lm
Device power:	16 W
Appliance efficiency:	151 lm/W
Glare Index Category:	D6



Optical System

Source: LED R1	
Color Temperature: 4000 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: B1-U0-G0	
Normative References	
EN60598-1 / EN60598-2-3 / EN61547 / EN62471, EN550	015 /
EN61000-3-2/EN61000-3-3	
Installation and maintenance	
Installation: suspension for string Ø 6 ÷ 12 mm, inclin	nation
horizontal ± 15°, adjustability 0° ÷ 360° / arcade	
Wiring: pre-wired product with cable and connector	ŕ
Ø power cable: 10 ÷ 14 mm	
Cable Gland: PG16	
Replaceable wiring plate: removable plate	
Replaceable optical unit: each LED module is replac	eable

Replaceable optical unit: each LED module 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

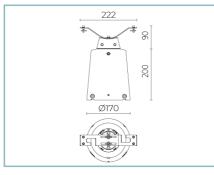
Colors

White RAL9003

Code: 01TH1B230026DHM4



Complements



01TH901C0

C2 Suspension for string

Ø 6 ÷ 12 mm. Colour: Sablè 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.

