



General Features

Description: LED luminaire

Insulation class: class II (class I on request)

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: 14.3 kg

Max exposed surface: 0.26 m²

Lateral exposed surface: 0.1 m²

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: >100.000h @700mA @Ta25°C \ <0,2% 1.000h

Marks and Certifications: ENEC / CE



Performance Data*

LED Current:	525 mA
Source flow:	12830 lm
Source power:	70.5 W
Source efficiency:	182 lm/W
Fitting flux:	11035 lm
Fitting power:	77.5 W
Fitting efficiency:	142 lm/W
Glare Index Category:	D4

Product Sheet

18/10/2022

Themelio Ceiling Suspension

Size: medium

Colour Temperature: 4000 K

Type of optics: street symmetrical SO-01

01TH2E85039DHM4

Colour: White RAL9003

Optical System

Source: LED R4

Colour Temperature: 4000 K

Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 4

Type of optics: street symmetrical SO-01

Optical group life: >160.000h @700mA @Ta25°C TM21 L80F10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*4

Normative References

EN60598-1 / EN60598-2-3 / EN61547 / EN62471, EN55015 / EN61000-3-2 / EN61000-3-3

Installation and maintenanceInstallation: suspension for string $\varnothing 6 \div 12$ mm, inclination horizontal $\pm 15^\circ$, adjustability $0^\circ \div 360^\circ$ / arcade

Wiring: pre-wired product with cable and connector

 \varnothing power cable: $10 \div 14$ mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Screen opening: opening by clip, fall block

Power supply compartment: independent from the optical system

Flux regulation

Standard On request

Virtual Midnight Teaching

X

Arrangement for Zhaga connector (Book 18)

X

Constant flow output (CLO)

X

Adjusting 1-10V

X

DALI control

X

Mains voltage variation

X

Pilot line

X

Power line telemanagement (PLC)

X

Wireless remote management

X

Arrangement for motion / brightness sensors

X

Materials

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

Screen: tempered flat glass

Lenses: high-transparency PMMA

Fitting 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

Colours White RAL9003Code: **01TH2E85039DHM4**

Complements



01TH902C0

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



01TH905C0

C6 Arcade suspension
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.