Size: small Color Temperature: 2700 K Type of optics: RS-02 Rotosymmetric Beam 01TH1B221824DHM4

Colour: White RAL9003



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 m²

Lateral exposed surface: 0.08 m²

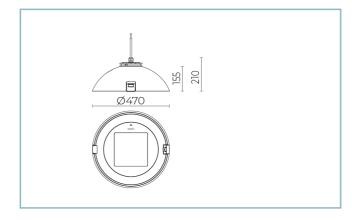
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)

Marks and Certifications: ENEC / CE



I max= 320 cd/Klm -90 90

Performance Data*

Source flux:	1730 lm
Source power:	9 W
Source efficiency:	192 lm/W
Device flux:	1475 lm
Device power:	12 W
Appliance efficiency:	123 lm/W
Glare Index Category:	D6



Product Sheet

Rev 22/05/2024

Themelio Ceiling Suspension

Size: small Color Temperature: 2700 K Type of optics: RS-02 Rotosymmetric Beam 01TH1B221824DHM4

Colour: White RAL9003

Optical System
Source: LED R1
Color Temperature: 2700 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: RS-02 Rotosymmetric Beam
Optical group life: >100.000 h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*6

Normative References
BUG rating: B1-U0-G0

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

Installation and maintenance

Installation: arcade

Wiring: pre-wired product with cable and connector

Ø power cable: 10 ÷ 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

Flow adjustment	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
Power line telemanagement (PLC)	X
Wireless remote management	X
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: **01TH1B221824DHM4**



Product Sheet

Rev 22/05/2024

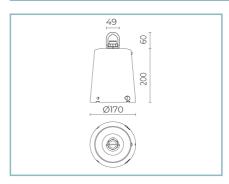
Themelio Ceiling Suspension

Size: small
Color Temperature: 2700 K
Type of optics: RS-02 Rotosymmetric Beam

01TH1B221824DHM4

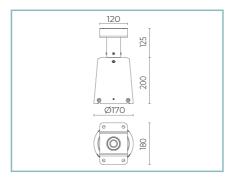
Colour: White RAL9003

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.

