



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: 0.10 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:	700 mA
Source flow:	15085 lm
Source power:	95 W
Source efficiency:	159 lm/W
Fitting flux:	12975 lm
Fitting power:	103.5 W
Fitting efficiency:	125 lm/W
Glare Index Category:	D4

Optical System

Source: LED R4
Colour Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: street asymmetrical ST-01
Optical group life: >160.000h @700mA @Ta25°C TM21 L80F10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*3

Normative References

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

Installation and maintenance

Installation: arm suspension
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

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 RAL9003	Code: 01TH2E80930DHM4
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Product Sheet

18/10/2022

Themelio Arm Suspension

Size: medium

Colour Temperature: 3000 K

Type of optics: street asymmetrical ST-01

01TH2E80930DHM4

Colour: White RAL9003

Complements**01TH900C0**

C1 3/4" GAS suspension

Colour: Sablè 100 Noir.

**01TH903C0**

C4 Pulley suspension

Colour: Sablè 100 Noir.

**01TH904C0**

C5 Suspension for arm

Ø60 mm. Colour: Sablè 100 Noir.

**01AK988C0**

B212 Single arm

for poles Ø 60-76 mm. Colour: Sablé 100 Noir.

**01AK989C0**

B213 Double arm

for poles Ø 60-76 mm. Colour: Sablé 100 Noir.

**01AK990C0**

B214 Single arm

for poles Ø 102 mm. Colour: Sablé 100 Noir.

**01AK991C0**

B215 Double arm

for poles Ø 102 mm. Colour: Sablé 100 Noir.

**01AK992C0**

B216 Single arm

for poles Ø 60-76 mm. Colour: Sablé 100 Noir.

**01AK994C0**

B217 Double arm

for poles Ø 60-76 mm. Colour: Sablé 100 Noir.

Product Sheet

18/10/2022

Themelio Arm Suspension

Size: medium

Colour Temperature: 3000 K

Type of optics: street asymmetrical ST-01

01TH2E80930DHM4

Colour: White RAL9003

**01AK995C0****B218 Single arm**

for poles Ø 102 mm. Colour: Sablé 100 Noir.

**01AK996C0****B219 Double arm**

for poles Ø 102 mm. Colour: Sablé 100 Noir.

**01AK983C0****B207-P Suspension wall-mounted arm.** Colour: Sablé 100 Noir.**01AK935C0****B15 Single curved arm**

Ø 60 mm for poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.

**01AK936C0****B16 Double curved arm**

Ø 60 mm for poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.

**01AK950C0****B15-P Curved wall-mounted arm**

Ø 60 mm. L=840 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.