



### 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 m<sup>2</sup>

Lateral exposed surface: 0.10 m<sup>2</sup>

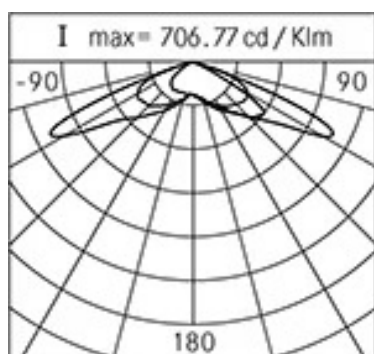
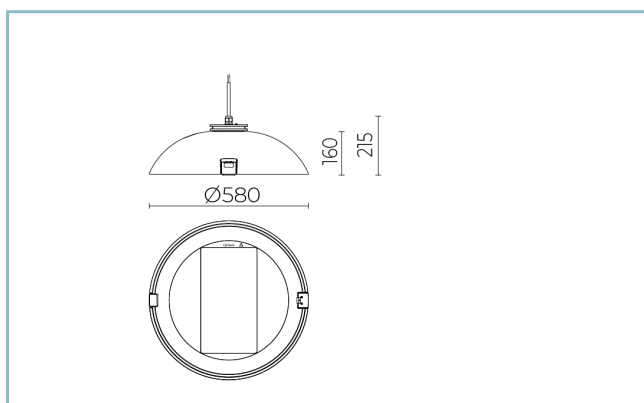
Common mode surge protection: 10 kV

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:          | 11525 lm |
| Source power:         | 72 W     |
| Source efficiency:    | 160 lm/W |
| Fitting flux:         | 9910 lm  |
| Fitting power:        | 78 W     |
| Fitting efficiency:   | 127 lm/W |
| Glare Index Category: | D4       |

### Optical System

|  |
|--|
| Source: LED R3   |
| Colour Temperature: 3000 K                               |
| Color Rendering Index (CRI): $\geq 70$                   |
| Chromatic consistency (SDCM): $\leq 4$                   |
| Type of optics: wet surface MB-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: <b>01TH2D60940DHM4</b> |
|-----------------|------------------------------|

**Product Sheet**

18/10/2022

**Themelio Arm Suspension**

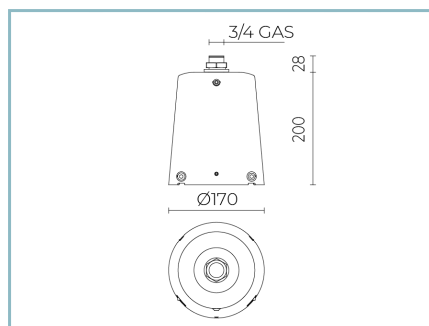
Size: medium

Colour Temperature: 3000 K

Type of optics: wet surface MB-01

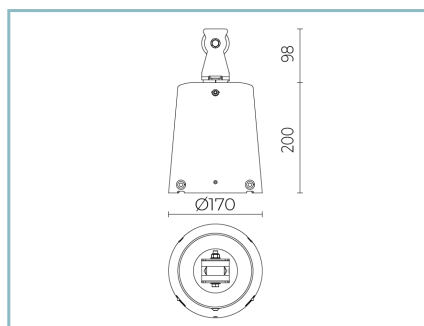
**01TH2D60940DHM4**

Colour: White RAL9003

**Complements****01TH900C0**

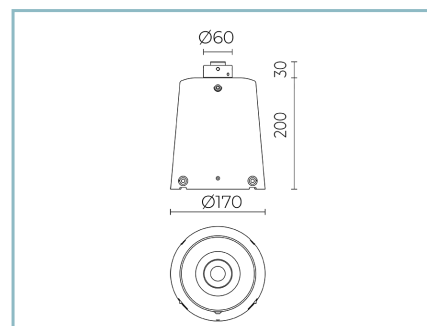
C1 3/4" GAS suspension

Colour: Sablè 100 Noir.

**01TH903C0**

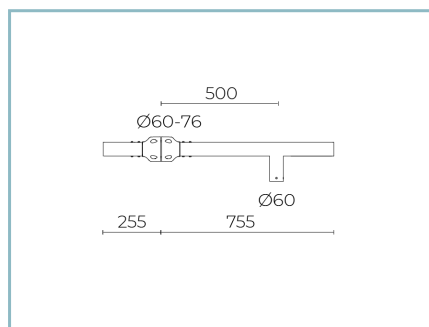
C4 Pulley suspension

Colour: Sablè 100 Noir.

**01TH904C0**

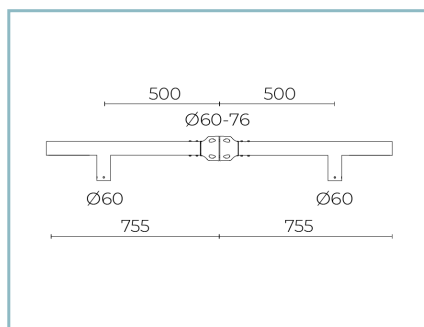
C5 Suspension for arm

Ø60 mm. Colour: Sablè 100 Noir.

**01AK988C0**

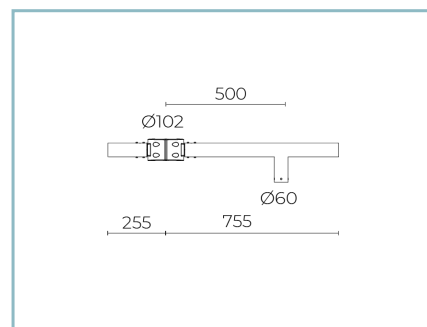
B212 Single arm

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

**01AK989C0**

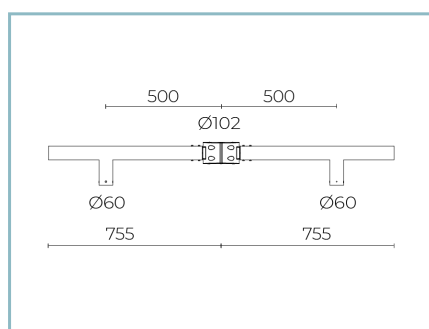
B213 Double arm

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

**01AK990C0**

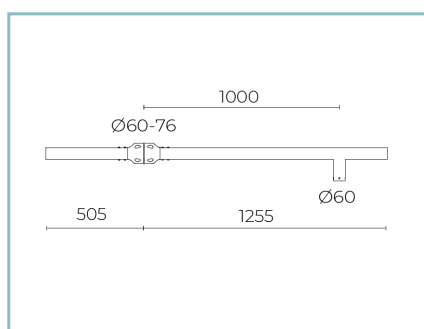
B214 Single arm

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

**01AK991C0**

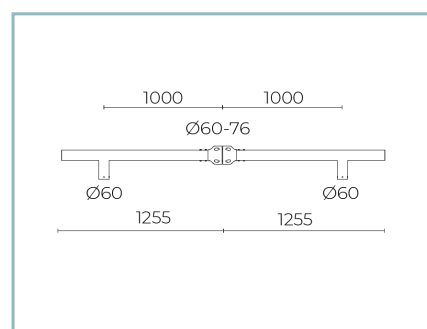
B215 Double arm

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**

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**Themelio Arm Suspension**

Size: medium

Colour Temperature: 3000 K

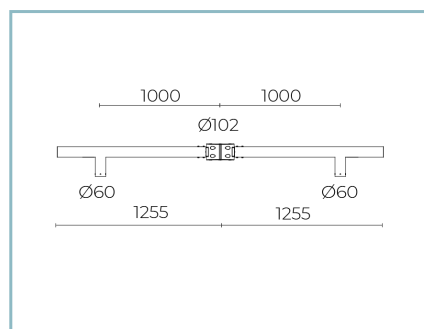
Type of optics: wet surface MB-01

**01TH2D60940DHM4**

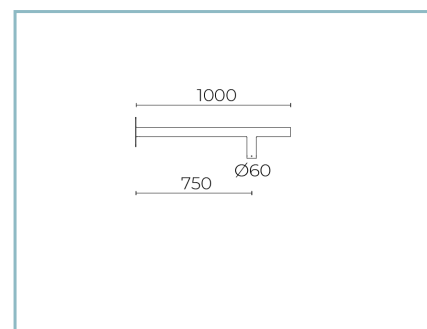
Colour: White RAL9003

**01AK995C0**

B218 Single arm  
for poles Ø 102 mm. Colour: Sablé 100  
Noir.

**01AK996C0**

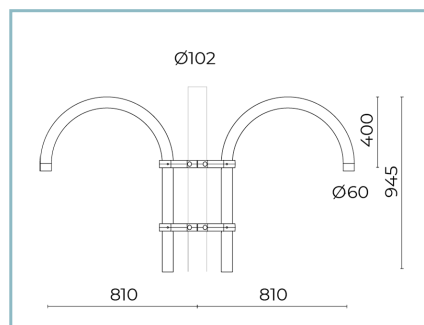
B219 Double arm  
for poles Ø102 mm. Colour: Sablé 100  
Noir.

**01AK983C0**

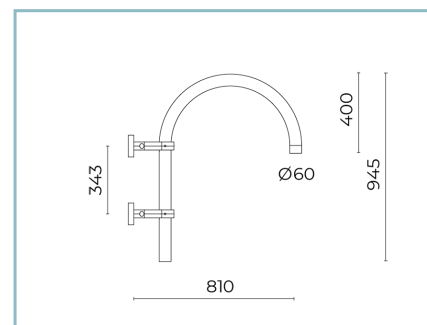
B207-P Suspension wall-mounted  
arm. Colour: Sablé 100 Noir.

**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.