Colour: Grey RAL9006



# 482 Ø46-60-76 000 589

#### **General Features**

Description: LED street fixture

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

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: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 6.50 kg

Max exposed surface: 0,13 m<sup>2</sup>

Lateral exposed surface: 0,036 m<sup>2</sup>

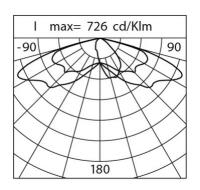
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: >100.000h @Ta25°C

Marks and Certifications: ENEC / CE



# Performance Data\*

Source flux:	6805 lm
Source power:	32 W
Source efficiency:	213 lm/W
Device flux:	5855 lm
Device power:	36 W
Appliance efficiency:	163 lm/W
Glare Index Category:	D3



**Product Sheet** 

Rev. 19/07/2024

Kairos Pole System

Size: small Color Temperature: 4000 K Type of optics: ST-02 Narrow street 01KR1C436014AHM4

Colour: Grey RAL9006

Optical System
Source: LED R2
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: ST-02 Narrow street
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*3
BUG rating: B1-U0-G1

#### **Normative References**

EN60598-1/EN60598-2-1/EN62471/EN61547

#### Installation and maintenance

Installation: side pole / arm

Pole diameter: Ø 46 - 60 - 76 mm

Tilt: post top 0 +20° (step 5°); arm 0 -20° (step 5°)

Fixing: 2 x AISI 304 stainless steel securing bolts

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable by unlocking grubscrews

Replaceable optical unit: each LED module is replaceable

Power supply compartment: independent from the optical group

On request
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Χ

#### **Materials**

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

Screen: tempered flat glass 4 mm

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

Grey RAL9006 Code: **01KR1C436014AHM4** 



Ø60÷76

Size: small Color Temperature: 4000 K Type of optics: ST-02 Narrow street

#### 01KR1C436014AHM4

Colour: Grey RAL9006

#### Complements

06GN902K0

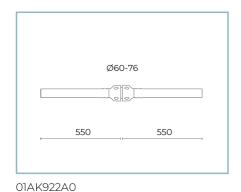
Wall-mounted plate



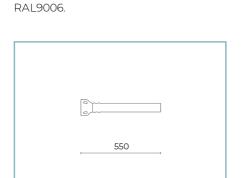


B1 Single tubular arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: grey RAL9006.

550



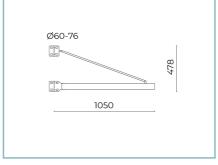
B2 Double tubular arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: grey RAL9006.



with a 90° inclination for fixtures with

Ø 60 mm fastening part. Colour: grey

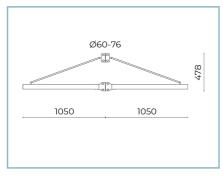
B1-P Tubular wall-mounted arm Ø 60 mm. L=550 mm. Colour: grey



# 01AK969A0

01AK921A0

B74 Single tubular arm Ø 60 mm with tensioning rod for poles Ø 60-76 mm. L=1050 mm (pole center-fitting center). Colour: grey RAL9006.



### 01AK968A0

B59 Double tubular arm Ø 60 mm with tensioning rod for poles Ø 60-76 mm. L=1050 mm (pole center-fitting center). Colour: grey RAL9006.

## NOTES

01AK951A0

RAL9006.

#### \*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.

