



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 m²

Lateral exposed surface: 0,036 m²

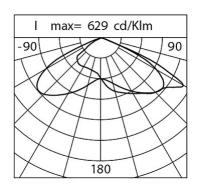
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: >100.000h @Ta25°C

Marks and Certifications: ENEC / CE



Performance Data*

Source flux:	4725 lm
Source power:	24.5 W
Source efficiency:	193 lm/W
Device flux:	4065 lm
Device power:	28 W
Appliance efficiency:	145 lm/W
Glare Index Category:	D5



Product Sheet

Rev. 19/07/2024

Kairos Pole System

Size: small Color Temperature: 3000 K

Type of optics: LT-64 Asymmetric beam with backlight

01KR1B254925AHM4

Colour: Grey RAL9006

Optical System	cical System Flow adjustment	
Source: LED R1	Virtual Midnight Teaching	Χ
Color Temperature: 3000 K	Arrangement for Zhaga connector (Book 18)	Χ
Color Rendering Index (CRI): ≥ 70	Constant flow output (CLO)	Χ
Chromatic consistency (SDCM): ≤ 3	Adjusting 1-10V	X
Type of optics: LT-64 Asymmetric beam with backlight	DALI control	Χ
Optical group life: >100.000h @Ta25°C L90B10	Mains voltage variation	Χ
Photobiological safety class: EXEMPT GROUP	Power line telemanagement (PLC)	X
ULOR: 0%	Wireless remote management	X
DLOR: 100%	Provision for motion/light sensors	Χ
Lightintonaity actors were C*/		

Materials

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

Screen: tempered f	flat glass 4	mm
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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: 01KR1B254925AHM4

Optical System
Source: LED R1
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: LT-64 Asymmetric beam with backlight
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B1-U0-G1
Normative References

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

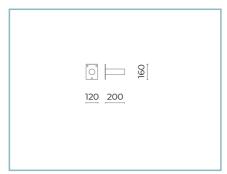
EN60598-1/EN60598-2-1/EN62471/EN61547

Installation and maintenance

Replaceable optical unit: each LED module is replaceable Power supply compartment: independent from the optical group

Size: small

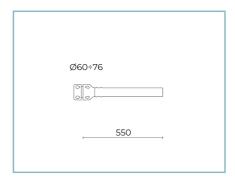
Complements



06GN902K0

RAL9006.

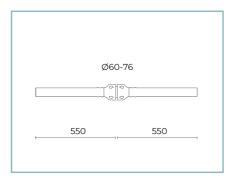
Wall-mounted plate with a 90° inclination for fixtures with Ø 60 mm fastening part. Colour: grey



Type of optics: LT-64 Asymmetric beam with backlight

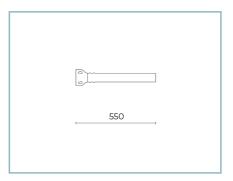
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B1 Single tubular arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: grey RAL9006.



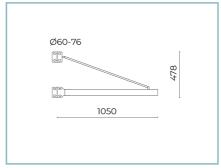
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B2 Double tubular arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: grey RAL9006.



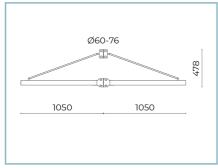
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B1-P Tubular wall-mounted arm Ø 60 mm. L=550 mm. Colour: grey RAL9006.



01AK969A0

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

*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.

