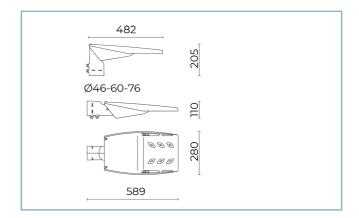


# **General Features**

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:	6785 lm
Source power:	37.5 W
Source efficiency:	181 lm/W
Device flux:	5810 lm
Device power:	42 W
Appliance efficiency:	138 lm/W
Glare Index Category:	D4



Kairos Pole System Size: small Color Temperature: 2700 K Type of optics: ME-05 Medium street

#### **Optical System**

Source: LED R2	Virtua
Color Temperature: 2700 K	Arran
Color Rendering Index (CRI): ≥ 70	Cons
Chromatic consistency (SDCM): ≤ 3	Adjus
Type of optics: ME-05 Medium street	DALI
Optical group life: >100.000h @Ta25°C L90B10	Main
Photobiological safety class: EXEMPT GROUP	Powe
ULOR: 0%	Wirel
DLOR: 100%	Provi
Light intensity category: C*3	
BUG rating: B1-U0-G1	Mate
Normative References	Body
EN60598-1 /EN60598-2-1 / EN62471 / EN61547	conte
	Scree
Installation and maintenance	Lense
	Fixing
Installation: side pole / arm	(copp
Pole diameter: Ø 46 - 60 - 76 mm	Seals
Tilt: post top 0 +20° (step 5°); arm 0 -20° (step 5°)	Screv
Fixing: 2 x AISI 304 stainless steel securing bolts	Wirin
Ø power cable: 10 ÷ 14 mm	Finisł
Cable Gland: PG16	powo
Replaceable wiring plate: removable by unlocking	
grubscrews	Calar
Replaceable optical unit: each LED module is replaceable	<b>Color</b> G
Power supply compartment: independent from the	

optical group

Flow adjustment	On request
Virtual Midnight Teaching	Х
Arrangement for Zhaga connector (Book 18)	Х
Constant flow output (CLO)	Х
Adjusting 1-10V	Х
DALI control	Х
Mains voltage variation	Х
Power line telemanagement (PLC)	Х
Wireless remote management	Х
Provision for motion/light sensors	Х

## erials

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

en: tempered flat glass 4 mm

ses: high-transparency PMMA

ng system: die-cast aluminium alloy UNI EN AB 47100 per content < 1%)

s: expanded anti-age silicone foam

ws: stainless steel AISI 304

ng plate: zinc-plated steel

sh: phospho-chromatation treated and polyester

der-coated in 16 phases to increase weather resistance

#### ors

rey RAL9006

Code: 01KR1C442818AHM4

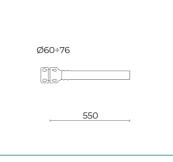


Kairos Pole System Size: small Color Temperature: 2700 K Type of optics: ME-05 Medium street

#### Complements

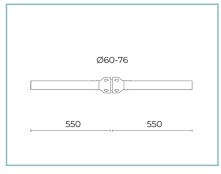


Wall-mounted plate with a 90° inclination for fixtures with Ø 60 mm fastening part. Colour: grey RAL9006.



#### 01AK921A0

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



#### 01AK922A0

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



#### 01AK951A0

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.

