T

-90

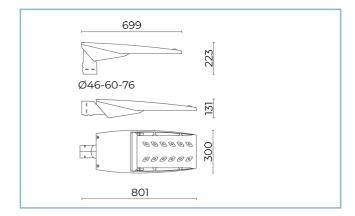
max= 692 cd/Klm

180



# **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: 8.50 kg
Max exposed surface: 0,2 m <sup>2</sup>
Lateral exposed surface: 0,062 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



90

# Performance Data\*

Source flux:	23820 lm
Source power:	133.5 W
Source efficiency:	178 lm/W
Device flux:	20485 lm
Device power:	144 W
Appliance efficiency:	142 lm/W
Glare Index Category:	D3



Kairos Pole System Size: medium Color Temperature: 3000 K Type of optics: LA-03 Wide street

#### **Optical System**

Source: LED R4	Virtua
Color Temperature: 3000 K	Arrang
Color Rendering Index (CRI): ≥ 70	Consta
Chromatic consistency (SDCM): ≤ 3	Adjust
Type of optics: LA-03 Wide street	DALIC
Optical group life: >100.000h @Ta25°C L90B10	Mains
Photobiological safety class: EXEMPT GROUP	Power
ULOR: 0%	Wirele
DLOR: 100%	Provis
Light intensity category: G*3	
BUG rating: B3-U0-G2	Mater
Normative References	Body:
EN60598-1 /EN60598-2-1 / EN62471 / EN61547	conter
	Screer
Installation and maintenance	Lense
	– Fixing
Installation: side pole / arm	(coppe
Pole diameter: Ø 46 - 60 - 76 mm	Seals:
Tilt: post top 0 +20° (step 5°); arm 0 -20° (step 5°)	Screw
Fixing: 2 x AISI 304 stainless steel securing bolts	Wiring
Ø power cable: 10 ÷ 14 mm	Finish
Cable Gland: PG16	powde
Replaceable wiring plate: removable by unlocking grubscrews	
Replaceable optical unit: each LED module is replaceable	Colors
Power supply compartment: independent from the	Gre

optical	aroup
opticui	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

## rials

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

n: tempered flat glass 4 mm

es: high-transparency PMMA

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

expanded anti-age silicone foam

vs: stainless steel AISI 304

g plate: zinc-plated steel

n: phospho-chromatation treated and polyester ler-coated in 16 phases to increase weather resistance

#### s

ey RAL9006

Code: 01KR3E872917AHM4



**Kairos Pole System** Size: medium Color Temperature: 3000 K Type of optics: LA-03 Wide street

## Complements

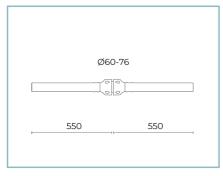


Wall-mounted plate with a 90° inclination for fixtures with Ø 60 mm fastening part. Colour: grey RAL9006.



#### 01AK921A0

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



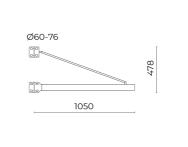
## 01AK922A0

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.

