



### General Features

Description: LED street fixture

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 6.2 kg

Max exposed surface: 0.155 m<sup>2</sup>

Lateral exposed surface: 0.039 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 flow:	19580 lm
Source power:	98 W
Source efficiency:	200 lm/W
Fitting flux:	16840 lm
Fitting power:	105 W
Fitting efficiency:	160 lm/W
Glare Index Category:	D2

### Optical System

Source: LED R4

Colour Temperature: 4000 K

Color Rendering Index (CRI):  $\geq 70$

Chromatic consistency (SDCM):  $\leq 3$

Type of optics: street asymmetrical ST-02

Optical group life: >100.000h @Ta25°C L90B10

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: side pole / arm

Pole diameter: Ø 46 - 60 - 76 mm

Tilt: post top 0 +90° (step 5°); arm 0 -90° (step 5°)

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the  
optical group

### Flux regulation

Standard On request

Virtual Midnight Teaching

X

Constant flow output (CLO)

X

Adjusting 1-10V

X

DALI control

X

Mains voltage variation

X

Pilot line

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 4 mm

Lenses: high-transparency PMMA

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

Seals: anti-age silicone

Screws: stainless steel AISI 304

Finish: phospho-chromatation treated and polyester  
powder-coated in 16 phases to increase weather resistance

### Colours

■ Grey RAL9006

Code: **01KO3E854014AHM4**

## Complements



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.



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.



01AK951A0

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



01AK921A0

B1 Double 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.

## 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.