



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 ²
Lateral exposed surface:	0,036 m ²
Common mode surge protection:	10 kV
Overvoltage protection differential mode:	10 kV
Drivers:	included
Marks and Certifications:	ENEC / CE



Performance Data*

LED Current:	700 mA	525 mA	350 mA
Source flow:	11450 lm	9110 lm	6465 lm
Source power:	72 W	53 W	34.5 W
Source efficiency:	159 lm/W	172 lm/W	187 lm/W
Device flow:	9845 lm	7835 lm	5560 lm
Device power:	78 W	58.5 W	39 W
Appliance efficiency:	126 lm/W	134 lm/W	143 lm/W
Glare Index Category:	D4	D5	D5

Optical System

Source: LED R3
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 4
Type of optics: street asymmetrical ME-02
Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @700mA @Ta25°C TM21 L80B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*3

Normative References

EN60598-1 / EN60598-2-3 / 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: tool less
Replaceable optical unit: tool less
Disconnecter: automatic (with terminal section 2.5 mm ²)
Power supply compartment: independent from the optical group

Flow adjustment

	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
Power line telemanagement (PLC)		X
Wireless remote management		X
Provision for motion/light 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
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: self-extinguishable technopolymer V0
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

 Grey RAL9006	Code: 01KI1D60933AHM3
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Complements



06GN902C0

Wall-mounted plate with a 90° inclination for fixtures with Ø 60 mm fastening part. Colour: Sablé 100 Noir.



06GN901C0

Corner plate with a 90° inclination for fixtures with Ø 60 mm fastening part. Colour: Sablé 100 Noir.



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.



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.