



### General Features

Description: lantern designed to house the LED technology

Insulation class: class II

Rated voltage: 220-240 V 50 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: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

Max exposed surface: 0,19 m<sup>2</sup>

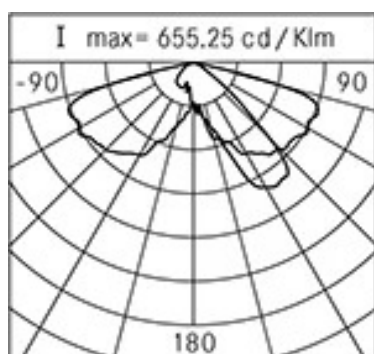
Lateral exposed surface: 0,09 m<sup>2</sup>

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / CE



### Performance Data\*

LED Current:	700 mA
Source flow:	4220 lm
Source power:	24 W
Source efficiency:	176 lm/W
Fitting flux:	3040 lm
Fitting power:	27 W
Fitting efficiency:	113 lm/W
Glare Index Category:	D6

### Optical System

Source: LED R1

Colour Temperature: 4000 K

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

Chromatic consistency (SDCM):  $\leq 4$

Type of optics: street asymmetrical ST-01

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: post top

Pole diameter: 3/4"

Fastening: post top - standard with 3/4" male gas attachment; on Ø 60 mm poles using the required accessory (code 01AG901C0); on poles with a 3/4" female gas attachment using the required accessory (code 01AG900C0); arm mounted - standard with 3/4" male gas attachment; on arms with a 3/4" female gas attachment using the required accessory (code 01AG900C0); on Ø 60 mm arms using the required accessory (code 01AG902C0).

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Disconnecter: automatic (with terminal section 2.5 mm<sup>2</sup>)

Power supply compartment: independent from the optical system

### Flux regulation

Standard On request

Virtual Midnight Teaching

X

Constant flow output (CLO)

X

DALI control

X

Power line telemanagement (PLC)

X

Wireless remote management

X

### Materials

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

Screen: extra clear tempered flat glass 4 mm

Lenses: high-transparency PMMA

Fitting 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

### Colours

■ Sablé 100 Noir

Code: **01AG1B20030CHM4**

## Complements



01AG900C0

Fastening kit on poles / arms UP with female 3/4" gas.



01AG902C0

Fastening adapter 3/4" gas for arms UP & DOWN Ø 60 mm.



01AG901C0

Fastening kit post top Ø 60 mm H 90 mm. Colour: Sablé 100 Noir.



01AK970C0

Collar for pole Ø 102/76 mm. Colour: Sablé 100 Noir.



01AK973C0

High base for poles Ø 102/76 mm. Colour: Sablé 100 Noir.



01AK971C0

Collar for pole Ø 127/76 mm. Colour: Sablé 100 Noir.



01AK974C0

High base for poles Ø 127mm. Colour: Sablé 100 Noir.



01AK972C0

Low base for poles Ø 102 mm. Colour: Sablé 100 Noir.



01AG924C0

B64-P Wall-mounted arm UP L=600 mm. Colour: Sablé 100 Noir.