



### General Features

Description: LED luminaire for lighting streets, paths and urban spaces

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: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 6.7 kg

Max exposed surface: 0.172 m<sup>2</sup>

Lateral exposed surface: 0.051 m<sup>2</sup>

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 12 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / CE

| <b>Performance Data*</b> | 1800     | 2200     | 2700     | 3000     |
|--------------------------|----------|----------|----------|----------|
| LED Current:             | 420 mA   | 420 mA   | 420 mA   | 420 mA   |
| Source flux:             | 1120 lm  | 1325 lm  | 1505 lm  | 1670 lm  |
| Source power:            | 9.2 W    | 9.2 W    | 9.2 W    | 9.2 W    |
| Source efficiency:       | 122 lm/W | 144 lm/W | 164 lm/W | 182 lm/W |
| Device flux:             | 660 lm   | 685 lm   | 705 lm   | 780 lm   |
| Device power:            | 11 W     | 11 W     | 11 W     | 11 W     |
| Appliance efficiency:    | 60 lm/W  | 62 lm/W  | 64 lm/W  | 71 lm/W  |
| Glare Index Category:    | D6       | D6       | D6       | D6       |

### Optical System

Source: LED O8

Color Temperature: DWL 1800 K - 3000 K

Color Rendering Index (CRI): 70

Chromatic consistency (SDCM):  $\leq 3$

Type of optics: BLOS Elliptical Black

Optical group life:  $>100.000$  h @ Ta 25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0

DLOR: 1

Light intensity category: G\*6

### Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  
EN61000-3-2, EN61000-3-3

### Installation and maintenance

Installation: wall / pole side

Pole diameter:  $\varnothing$  60 - 76 - 89 - 102 - 114 - 120 mm

$\varnothing$  power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the optical group

### Flow adjustment

Standard

Arrangement for Zhaga connector (Book 18)

X

### Materials

Body: aluminum alloy die casting UNI EN AB 47100  
(copper content  $< 1\%$ )

Screen: 4 mm acid-etched tempered flat glass

Lenses: PMMA with high transparency

Seals: anti-aging silicone

Screws: INOX

Finish: phosphochromating and polyester powder coating  
made in 16 steps for the best weathering resistance

### Colors

■ Sablé 100 Noir

Code:

**DA1084BDV42D52CCDW00**

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**Product Sheet**

30/01/25

**Dasos Wall**

Size: small

Color Temperature: DWL 1800 K - 3000 K

Type of optics: BLOS Elliptical Black

**DA1084BDV42D52CCDW00**Colour: Sablé 100 Noir

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**Mandatory accessories**

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DA9013CC

Dasos swivel joint

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**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.