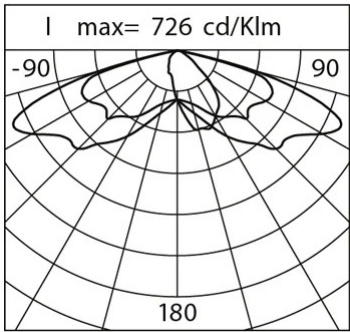
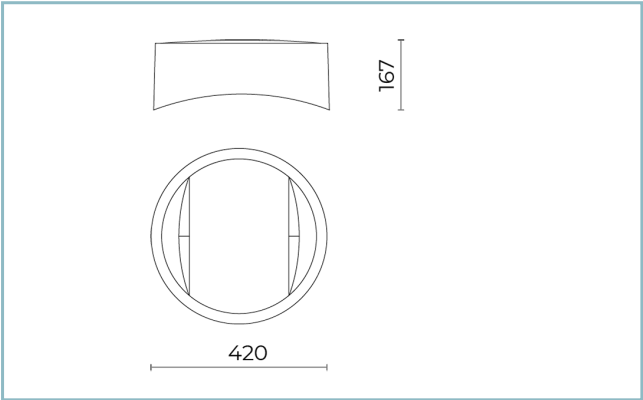




**General Features**

|                                           |                                                                                                                                                   |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:                              | LED luminaire                                                                                                                                     |
| Insulation class:                         | class II                                                                                                                                          |
| Rated voltage:                            | 220-240 V 50/60 Hz                                                                                                                                |
| Protection Grade:                         | IP66                                                                                                                                              |
| Impact protection:                        | IK09                                                                                                                                              |
| 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:                                   | 7.50 kg                                                                                                                                           |
| Max exposed surface:                      | 0,140 m <sup>2</sup>                                                                                                                              |
| Lateral exposed surface:                  | 0,063 m <sup>2</sup>                                                                                                                              |
| Common mode surge protection:             | 10 kV                                                                                                                                             |
| Overtoltage protection differential mode: | 10 kV                                                                                                                                             |
| Driver:                                   | included                                                                                                                                          |
| Driver lifetime:                          | >100.000 h @ Ta 25°C (0,2% / 1000h)                                                                                                               |
| Marks and Certifications:                 | ENEC / CE                                                                                                                                         |

| Performance Data*     | ST-03_1800K | ST-03_2200K | ST-03_2700K | ST-03_3000K | ST-03_4000K |
|-----------------------|-------------|-------------|-------------|-------------|-------------|
| LED Current:          | 400 mA      | 400 mA      | 400 mA      | 400 mA      | 400 mA      |
| Source flux:          | 2590 lm     | 3050 lm     | 3295 lm     | 3355 lm     | 3570 lm     |
| Source power:         | 19 W        | 19 W        | 19 W        | 19 W        | 19 W        |
| Source efficiency:    | 136 lm/W    | 161 lm/W    | 173 lm/W    | 177 lm/W    | 188 lm/W    |
| Device flux:          | 2175 lm     | 2560 lm     | 2765 lm     | 2815 lm     | 2995 lm     |
| Device power:         | 24 W        | 24 W        | 24 W        | 24 W        | 24 W        |
| Appliance efficiency: | 91 lm/W     | 107 lm/W    | 115 lm/W    | 117 lm/W    | 125 lm/W    |
| Glare Index Category: | D5          | D5          | D5          | D5          | D4          |

### Optical System

|                                                 |
|-------------------------------------------------|
| Source: LED R2                                  |
| Color Temperature: ECL 1800K - 4000 K           |
| Color Rendering Index (CRI): $\geq 70$          |
| Chromatic consistency (SDCM): $\leq 3$          |
| Type of optics: ST-02 Narrow street ECL         |
| Optical group life: >100.000 h @ Ta 25°C L90B10 |
| Photobiological safety class: EXEMPT GROUP      |
| ULOR: 0%                                        |
| DLOR: 100%                                      |
| Light intensity category: G*6                   |

### Normative References

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

### Installation and maintenance

|                                                                  |
|------------------------------------------------------------------|
| Installation: post top / side pole / arm/ wall / covered walkway |
| Pole diameter: Ø 60 - 76 - 102 mm                                |
| Tilt: (ceiling) continuous adjustment -10° +190° (step 5°)       |
| Ø power cable: 10 ÷ 14 mm                                        |
| Cable Gland: PG16                                                |
| Replaceable wiring plate: removable plate                        |
| Replaceable optical unit: LED disc replacement                   |
| Power supply compartment: independent from the optical system    |

### Flow adjustment

On request

|                                 |   |
|---------------------------------|---|
| Virtual Midnight Teaching       | X |
| Constant flow output (CLO)      | X |
| DALI control                    | X |
| Mains voltage variation         | X |
| Power line telemanagement (PLC) | X |
| Wireless remote management      | X |

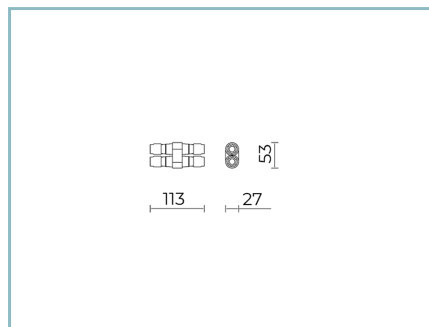
### Materials

|                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)                                         |
| Screen: tempered flat glass                                                                                  |
| 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: zinc-plated steel                                                                              |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

### Colors

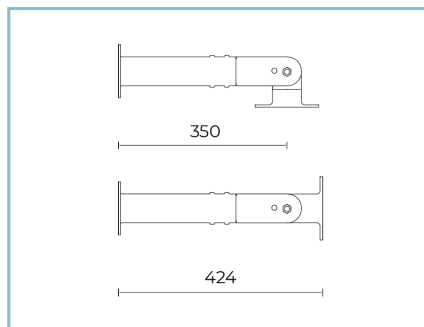
|                  |                               |
|------------------|-------------------------------|
| ■ Sablé 100 Noir | Code: <b>06KS2B240414CDYN</b> |
|------------------|-------------------------------|

## Complements



06KS909C0

B89 Connector 4 way IP68



06KS905C0

B85-P Wall-mounted arm /  
ceiling-mounted. L=350 mm. Colour:  
Sablé 100 Noir.

## 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.