



# Metronomis 1 LED: LEDify vision into reality

## Metronomis 1 LED

Our family of five, highly distinctive Metronomis 1 LED luminaires is now available in LED. The award-winning Metronomis 1 LED range is designed to enhance Cambridge, Berlin, Bordeaux, Brussels, and Porto luminaires with even greater lighting performance and efficiency. Architects and lighting designers can use these luminaires and dedicated poles and brackets with a wide variety of optics. So they can create a total city lighting solution with a consistent design that still reflects differences in urban culture and history. During the day, Metronomis 1 LED integrates harmoniously with any street scene. At night, its appearance is both functional – guiding people and traffic safely through the city – and decorative, creating a pleasant ambience in city squares and pedestrian areas. The Metronomis 1 LED street lighting solution features a System ready (SR) socket, making it future ready to be paired with standalone or advanced control and lighting software applications such as Interact from Signify. In addition, every Metronomis LED 1 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

### Benefits

- Original Metronomis design, contemporary, elegant and modular
- Saves 40 to 60% in energy costs compared to conventional luminaires
- For renovations or new installations thanks to dedicated brackets and poles
- Service tag for easy installation and maintenance

## Metronomis 1 LED

### Features

- Choice of Cambridge, Berlin, Bordeaux, Brussels, and Porto versions
- Broad range of lumen outputs and optics for maximum efficiency at all lighting levels
- Dedicated Metronomis 1 brackets and poles
- Surge protection: 10 kV
- SR socket ready to be paired with standard and advanced lighting controls

### Application

- Road and Street
- Parks and Plazas
- Residential
- Main urban roads and streets, side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

### Versions

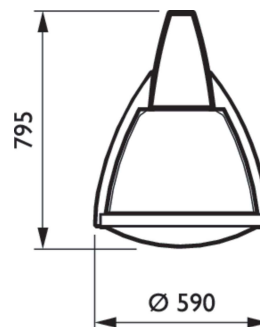
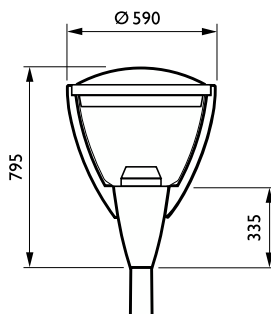
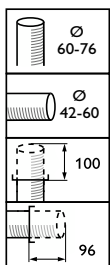


Metronomis I LED-BDS570



Metronomis I LED-BDS592

### Dimensional drawing



Metronomis 1 LED

| General Information                |                             |
|------------------------------------|-----------------------------|
| Driver included                    | Yes                         |
| Light source replaceable           | Yes                         |
| Number of gear units               | 1 unit                      |
| Service tag                        | Yes                         |
| Light Technical                    |                             |
| Light source color                 | 830 warm white              |
| Correlated Color Temperature (Nom) | 3000 K                      |
| Color rendering index (CRI)        | 80                          |
| Upward light output ratio          | 0.03                        |
| Controls and Dimming               |                             |
| Dimmable                           | No                          |
| Mechanical and Housing             |                             |
| Optical cover type                 | Polycarbonate<br>bowl/cover |
| Housing Color                      | Gray                        |
| Mech. impact protection code       | IK08                        |
| Ingress protection code            | IP65                        |
| Standard tilt angle side entry     | -                           |
| Approval and Application           |                             |
| CE mark                            | Yes                         |
| Flammability mark                  | -                           |

General Information

| Order Code   | Full Product Name                       | Lamp family code |
|--------------|---|------------------|
| 912300024870 | BDS570 LED70-4S/830 II MDM TP SRG10 60P | LED70            |
| 912300024871 | BDS592 LED60-4S/830 I TT MDW GR         | LED60            |

Light Technical

| Order Code   | Full Product Name                             | Luminaire light<br>beam spread | Luminous<br>Flux | Optic type<br>outdoor                |
|--------------|---|--------------------------------|------------------|--------------------------------------|
| 912300024870 | BDS570<br>LED70-4S/830 II<br>MDM TP SRG10 60P | 45° - 17° x 150°               | 5,390 lm         | Metronomis<br>distribution<br>medium |

| Order Code   | Full Product Name                     | Luminaire light<br>beam spread | Luminous<br>Flux | Optic type<br>outdoor              |
|--------------|---------------------------------------|--------------------------------|------------------|------------------------------------|
| 912300024871 | BDS592<br>LED60-4S/830 I TT<br>MDW GR | 53° - 35° x 150°               | 5,160 lm         | Metronomis<br>distribution<br>wide |

Operating and Electrical

| Order Code   | Full Product Name                             | Power<br>Consumption | Surge Protection (Common/<br>Differential)                                       |
|--------------|---|----------------------|--|
| 912300024870 | BDS570<br>LED70-4S/830 II<br>MDM TP SRG10 60P | 53 W                 | Surge protection level until 10<br>kV differential mode and 10<br>kV common mode |

| Order Code   | Full Product Name                     | Power<br>Consumption | Surge Protection (Common/<br>Differential)                                     |
|--------------|---------------------------------------|----------------------|--|
| 912300024871 | BDS592<br>LED60-4S/830 I TT<br>MDW GR | 45.5 W               | Surge protection level until 6<br>kV differential mode and 8 kV<br>common mode |

Mechanical and Housing

| Order Code   | Full Product Name                       | Standard tilt angle<br>posttop |
|--------------|---|--------------------------------|
| 912300024870 | BDS570 LED70-4S/830 II MDM TP SRG10 60P | 0°                             |

| Order Code   | Full Product Name               | Standard tilt angle<br>posttop |
|--------------|---------------------------------|--------------------------------|
| 912300024871 | BDS592 LED60-4S/830 I TT MDW GR | -                              |

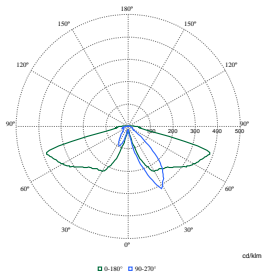
Product Data

| Order Code   | Full Product Name                       | Product family code |
|--------------|---|---------------------|
| 912300024870 | BDS570 LED70-4S/830 II MDM TP SRG10 60P | BDS570              |

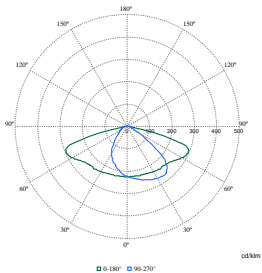
# Metronomis 1 LED

| Order Code   | Full Product Name               | Product family code |
|--------------|---------------------------------|---------------------|
| 912300024871 | BDS592 LED60-4S/830 I TT MDW GR | BDS592              |

## Polar Wide Diagrams



Polar Normal (separate) - BDS500I - 912300024870



Polar Normal (separate) - BDS500I - 912300024871

