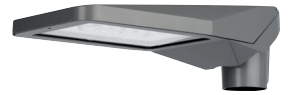


## STREET AND OUTDOOR LIGHTING

## Corrosion-resistant and energy-saving



Smart City Ready

\* Option

## BRISA

## Application areas



Industrial zones



Parking lots



Roundabouts



Holiday parks



Trails



Residential streets

Light cover: clear safety glass

Housing: aluminium double coated  
(RAL 9007, 9005 and 7016)

Light source: LED

IP 66

IK 10

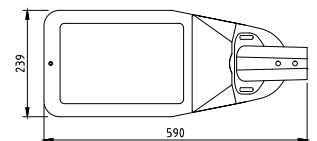
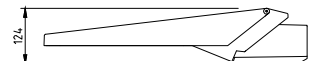


ENEC

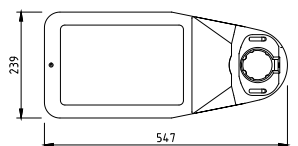
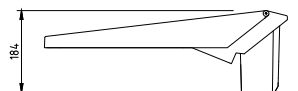
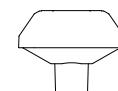


Dimensions in mm:

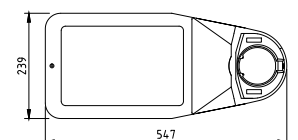
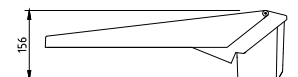
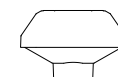
Pole size 48/60 (bracket mounted)

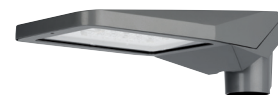


Pole size 48/60 (pole mounted)



Pole size 76 (pole mounted)





# Technical specifications

| LED | Lumen LED | LED power (W) | System power (W) |
|-----|-----------|---------------|------------------|
| 8   | 800       | 4.5           | 6.5              |
| 8   | 1050      | 5.6           | 7.7              |
| 8   | 1200      | 6.6           | 8.8              |
| 8   | 1350      | 7.7           | 9.9              |
| 8   | 1500      | 8.6           | 10.9             |
| 8   | 1600      | 9.4           | 11.8             |
| 16  | 1350      | 7.9           | 10.2             |
| 16  | 1500      | 8.5           | 10.9             |
| 16  | 1600      | 9.0           | 11.4             |
| 16  | 1800      | 10.0          | 12.4             |
| 16  | 2000      | 10.6          | 13.1             |
| 16  | 2150      | 11.5          | 13.9             |
| 16  | 2300      | 12.6          | 15.1             |
| 16  | 2500      | 14.2          | 16.8             |
| 16  | 2750      | 15.7          | 18.5             |
| 16  | 3000      | 17.3          | 20.1             |
| 16  | 3240      | 18.9          | 21.8             |
| 16  | 3500      | 20.7          | 23.8             |
| 16  | 3780      | 22.6          | 25.7             |
| 16  | 4000      | 24.4          | 27.7             |
| 16  | 4200      | 25.6          | 29.0             |
| 24  | 3000      | 15.9          | 19.1             |
| 24  | 3240      | 17.2          | 20.5             |
| 24  | 3500      | 19.2          | 22.6             |
| 24  | 3780      | 21.2          | 24.7             |
| 24  | 4000      | 23.0          | 26.6             |
| 24  | 4200      | 23.6          | 27.2             |
| 24  | 4320      | 24.6          | 28.3             |
| 24  | 4860      | 28.4          | 32.3             |
| 24  | 5200      | 30.4          | 34.6             |
| 24  | 5670      | 33.1          | 37.8             |
| 24  | 6000      | 35.5          | 40.0             |
| 32  | 4200      | 22.2          | 25.7             |
| 32  | 4320      | 22.9          | 26.5             |
| 32  | 4860      | 26.6          | 30.3             |
| 32  | 5200      | 29.2          | 33.0             |
| 32  | 5670      | 31.8          | 35.7             |
| 32  | 6000      | 34.1          | 38.1             |
| 32  | 6480      | 37.3          | 41.5             |
| 32  | 6840      | 40.0          | 44.2             |
| 32  | 7290      | 42.2          | 46.6             |
| 32  | 7560      | 45.1          | 49.6             |
| 32  | 7800      | 46.8          | 51.5             |
| 32  | 8000      | 47.8          | 52.4             |

|               | BRISA-L2WG4-LC-N 4000K<br>1800 LM 15 W (16W FOR 3000K)  | BRISA-L2WG4-LC-O 4000K<br>2000 LM 17 W (18 W FOR 3000K)       |
|---------------|---------------------------------------------------------|---------------------------------------------------------------|
| Eav / Uh      | 3.1 lux / 0.26                                          | 3.2 lux / 0.28                                                |
| Post height   | 6 m                                                     | 6 m                                                           |
| Post distance | 34 m                                                    | 28 m                                                          |
|               | BRISA-L2WG4-LC-R 4000K<br>2150 LM 18 W (19 W FOR 3000K) | BRISA-L2WG4-LC-R 4000K<br>2300 LM 19 W (20 W FOR 3000K)       |
| Eav / Uh      | 3.0 lux / 0.29                                          | 3.0 lux / 0.29                                                |
| Post height   | 6 m                                                     | 6 m                                                           |
| Post distance | 28 m                                                    | 28 m                                                          |
|               | BRISA-L2WG4-LC-M 4000K<br>2150 LM 18 W (19 W FOR 3000K) | BRISA-BIKE-L2WG4-LC-A2 4000K<br>1050 LM 13 W (14 W FOR 3000K) |
| Eav / Uh      | 3.1 lux / 0.35                                          | 3.3 lux / 0.35                                                |
| Post height   | 6 m                                                     | 4 m                                                           |
| Post distance | 28 m                                                    | 27 m                                                          |

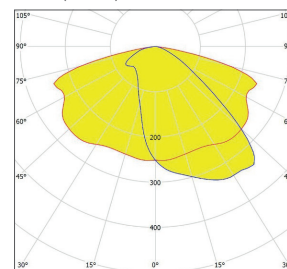
## Product specifications

- colour temperature standard neutral white (4000K) or 3000K (warm white)
- LEDs with lens optics
- mass:  $\pm 6$  kg (depends on model)
- pole fixing (separate pieces):
  - for pole size 60 mm/48 mm (pole- and bracket mounted)
  - for pole size 76 mm (pole-mounted only)
- assembly-, installation- and maintenance-friendly
- CRI:  $> 70$
- voltage: 230/240 V, 50 Hz
- tilt angle adjustable from 0 to 15° (pole mounting 60 mm), -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- standard in 8, 16, 24 or 32 LEDs
- safety class: I
- wind surface:  $\pm 0.01$  m<sup>2</sup> (front),  $\pm 0.03$  m<sup>2</sup> (side)
- expected lifespan Hrs: 100,000 (L90 / B10)

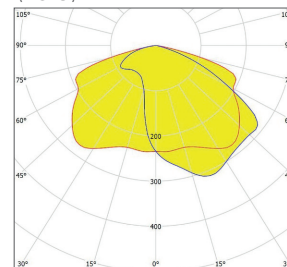
## Options

- several dimmable options available: Dali, Dynadimmer (integrated in driver), 1-10 V
- safety class: II
- Outdoor Luminaire Controller
- Spherical glass for orientation lighting
- glass cover can be replaced with aluminium insert for higher efficiency
- Protection to prevent light pollution

Asymmetric average wide road (LC-N)



Asymmetric wide road (LC-O)



Visit our website for the most up to date information:

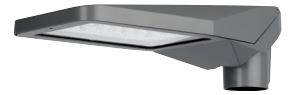
[www.lightronics.eu](http://www.lightronics.eu)





## STREET AND OUTDOOR LIGHTING

## Respects environment



Smart City Ready

\* Option

BRISA BAT  
(AMBER)

## Application areas



Ecological zones



Holiday parks



Trails



Bicycle paths

Light cover: clear safety glass

Housing: aluminium, double coated  
(RAL 9007, 9005 and 7016)

Light source: LED

IP 66

IK 10

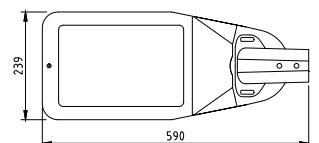
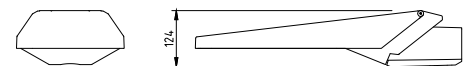


ENEC

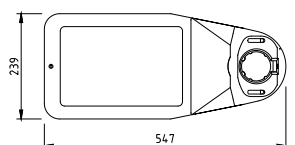
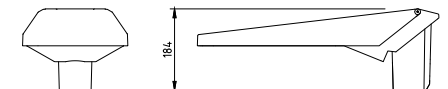


Dimensions in mm:

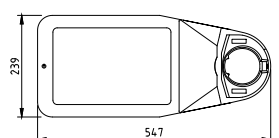
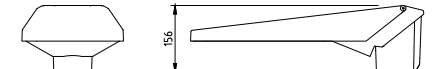
Pole size 48/60 (bracket mounted)



Pole size 48/60 (pole mounted)



Pole size 76 (pole mounted)

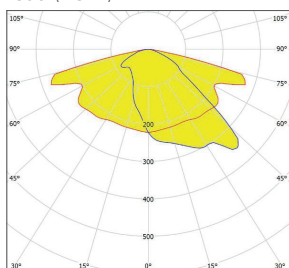




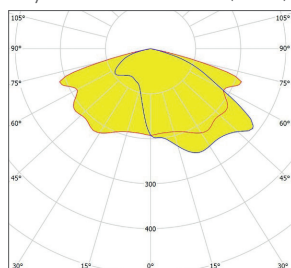
# Technical specifications

| LED | Lumen LED | LED power (W) | System power (W) |
|-----|-----------|---------------|------------------|
| 16  | 800       | 13            | 14               |
| 16  | 1200      | 18.6          | 20               |
| 16  | 1600      | 27            | 29               |
| 32  | 2000      | 34.4          | 37               |
| 32  | 2350      | 38.1          | 41               |
| 32  | 2500      | 41.9          | 45               |
| 32  | 3000      | 51.2          | 55               |

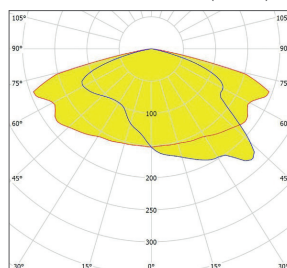
Asymmetric average wide road (LC-N)



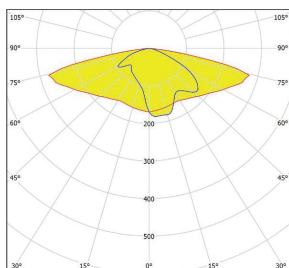
Asymmetric wide road (LC-O)



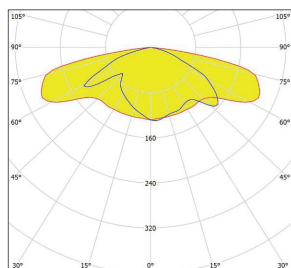
Asymmetric average wide road with reverse radiation (LC-M)



Asymmetric narrow road (LC-A2)



Asymmetric narrow road (LC-A3)



## Product specifications

- Housing aluminium grey (RAL 9007, RAL 9005, RAL 7016)
- LED provide with optics
- LED: Amber, wavelength 591 nm
- mass:  $\pm 6$  kg (depends on model)
- pole fixing (separate pieces):
  - for pole size 60/48 mm (pole- and bracketmounted)
  - for pole size 76 mm (pole-mounted only)
- assembly-, installation- and maintenance-friendly
- voltage: 230/240 V, 50 Hz
- tilt angle adjustable from 0 to 15° (pole mounting 60 mm), -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- safety class: I
- wind surface:  $\pm 0.01$  m<sup>2</sup> (front),  $\pm 0.03$  m<sup>2</sup> (side)
- expected lifespan Hrs: 100,000 (L80 / F10)

## Options

- other RAL-colour
- several dimmable options available: Dali, Dynadimmer (integrated in driver), 1-10 V
- safety class: II
- Outdoor Luminaire Controller
- spherical glass for orientation lighting
- protection to prevent light pollution

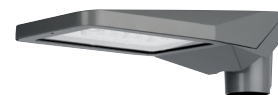
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## STREET AND OUTDOOR LIGHTING

## Increased road safety



Smart City Ready

\* Option

## BRISA BIKE

## Application areas



Bicycle paths



Trails



Back alleys

Light cover: clear safety glass

Housing: aluminium double coated  
(RAL 9007, 9005 and 7016)

Light source: LED

IP 66

IK 10

CE

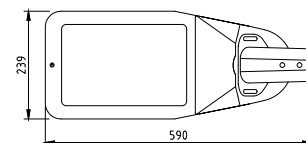
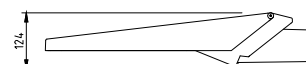


ENEC

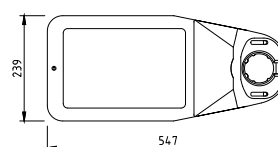
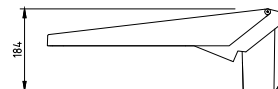
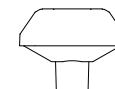


## Dimensions in mm

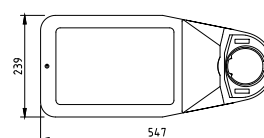
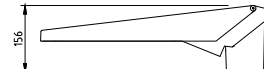
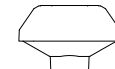
Pole size 48/60 (bracket mounted)



Pole size 48/60 (pole mounted)



Pole size 76 (pole mounted)



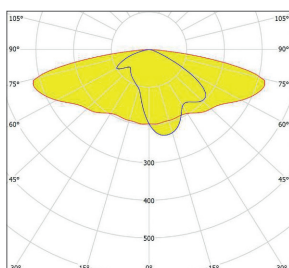


# Technical specifications



| LED | Lumen LED | LED power (W) | System power (W) |
|-----|-----------|---------------|------------------|
| 8   | 800       | 4.5           | 6.5              |
| 8   | 1050      | 5.6           | 7.7              |
| 8   | 1200      | 6.6           | 8.8              |
| 8   | 1350      | 7.7           | 9.9              |
| 16  | 1350      | 7.9           | 10.2             |
| 16  | 1500      | 8.5           | 10.9             |
| 16  | 1600      | 9.0           | 11.4             |
| 16  | 1800      | 10.0          | 12.4             |
| 16  | 2000      | 10.6          | 13.1             |
| 16  | 2150      | 11.5          | 13.9             |
| 16  | 2300      | 12.6          | 15.1             |
| 16  | 2500      | 14.2          | 16.8             |
| 16  | 2750      | 15.7          | 18.5             |
| 16  | 3000      | 17.3          | 20.1             |
| 16  | 3240      | 18.9          | 21.8             |
| 16  | 3500      | 20.7          | 23.8             |
| 16  | 3780      | 22.6          | 25.7             |
| 16  | 4000      | 24.4          | 27.7             |
| 16  | 4200      | 25.6          | 29.0             |

Wide distribution, bicycle paths



## Product specifications

- light profile: wide distribution
- light source: LED
- pole height: 4 / 5 / 6 meter
- light cover: clear safety glass
- voltage: 230/240 V, 50 Hz
- lightning protection: CM 10 kV, DM 6 kV
- standard light colour: neutral- or warm white (4000K or 3000K)
- mass:  $\pm 6$  kg
- wind surface:  $\pm 0.01$  m<sup>2</sup> (front),  $\pm 0.03$  m<sup>2</sup> (side)
- classification: IP 66
- impact resistant: IK 10
- CRI: > 70
- tilt angle adjustable from 0 to 15° (pole mounting 60 mm), -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- expected lifespan Hrs: 100,000 (L80 / F10) 25°

## Options

- other RAL-colour
- Outdoor Luminaire Controller
- spherical glass for orientation lighting
- protection to prevent light pollution

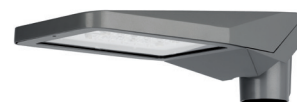
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## STREET AND OUTDOOR LIGHTING

## Increased road safety



Smart City Ready

\* Option

## BRISA WALK

## Application areas



Light cover: clear safety glass  
Housing: aluminium double coated  
(RAL 9007, 9005 or 7016)  
Light source: LED

IP 66

IK 10

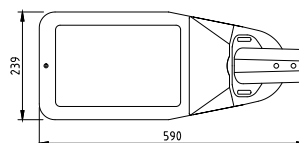
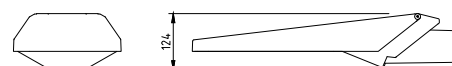


ENEC

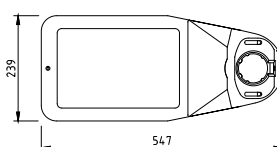
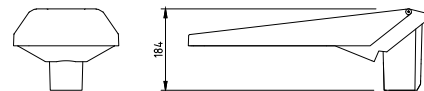


Dimensions in mm:

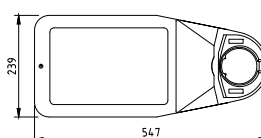
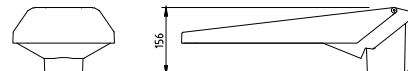
Pole size 48/60 (bracket mounted)



Pole size 48/60 (pole mounted)



Pole size 76 (pole mounted)



# Technical specifications



| LED | Lumen LED | LED power (W) | System power (W) |
|-----|-----------|---------------|------------------|
| 16  | 1350      | 7.8           | 10               |
| 16  | 1500      | 8.8           | 11               |
| 16  | 1600      | 9.7           | 12.1             |
| 16  | 1800      | 11.1          | 13.2             |
| 16  | 2000      | 11.9          | 14               |
| 16  | 2150      | 12.8          | 14.9             |
| 16  | 2300      | 13.4          | 15.5             |
| 16  | 2500      | 14.8          | 16.9             |
| 16  | 2750      | 16.3          | 18.4             |
| 16  | 3000      | 17.9          | 20               |
| 16  | 3240      | 19            | 21.4             |
| 16  | 3500      | 20.5          | 23.1             |
| 16  | 3780      | 22.3          | 25               |
| 16  | 4000      | 23.6          | 26.5             |
| 16  | 4200      | 25.1          | 28.2             |
| 32  | 3240      | 19            | 22               |
| 32  | 3500      | 20.5          | 23.6             |
| 32  | 3780      | 22.3          | 25.7             |
| 32  | 4000      | 23.4          | 27               |
| 32  | 4200      | 25.1          | 29               |
| 32  | 4320      | 26.8          | 31               |
| 32  | 4860      | 30.3          | 34               |
| 32  | 5200      | 31.8          | 35               |
| 32  | 5670      | 33.8          | 38               |
| 32  | 6000      | 35.9          | 40.1             |
| 32  | 6480      | 38.7          | 43.5             |
| 32  | 6840      | 40.9          | 46               |
| 32  | 7290      | 43.2          | 48.5             |
| 32  | 7560      | 44.7          | 50.2             |
| 32  | 7800      | 46.4          | 52.2             |
| 32  | 8000      | 47.8          | 53.7             |

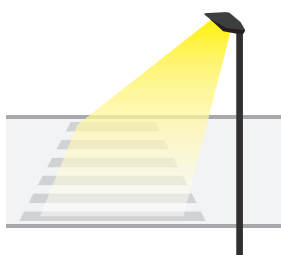
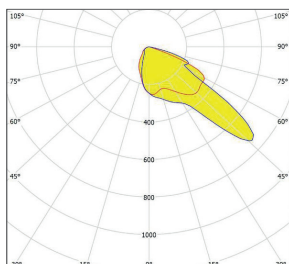
## Product specifications

- light profile: instantly radiant
- light source: LED
- pole height: 5-6 meter
- light cover: clear safety glass
- voltage: 230/240 V, 50 Hz
- lightning protection: CM 10 kV, DM 6 kV
- standard light colour: neutral- or warm white (4000K or 3000K)
- mass:  $\pm 6$  kg (depends on model)
- wind surface:  $\pm 0.01$  m<sup>2</sup> (front),  $\pm 0.03$  m<sup>2</sup> (side)
- classification IP 66
- impact resistant IK 10
- CRI: > 70
- tilt angle adjustable from 0 to 15° (pole mounting 60 mm), -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- expected lifespan Hrs: 100,000 (L80 / F10)

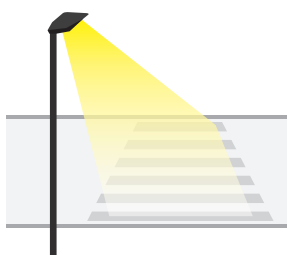
## Options

- other RAL-colour
- Outdoor Luminaire Controller
- spherical glass for orientation lighting
- protection to prevent light pollution

## Instantly radiant crossovers



BRISA WALK LC-VL



BRISA WALK LC-VR

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