

# BRISA & BRISA MINI



## Application

The Brisa luminaire is a perfect combination between aesthetics and functionality, providing design and style to roadway lighting. Its innovative shapes joined to its robust design, its easy maintenance and the high efficiency photometric reflector performance (with multiple adjusting positions, all designed for zero-light emission towards the upper hemisphere), make the luminaire ideal for efficient lighting of motorways, ring roads, streets, housing estates and industrial areas.

The Brisa Mini luminaire provides a compact, aesthetic and functional design allowing the low mounting installation of the luminaire (between 6-10m) to light minor roads, streets, residential areas, industrial areas, footpaths and cycleway. The luminaire completes the Brisa range providing a robust design, easy maintenance system and a high-efficiency photometric reflector (with multiple adjusting positions, all designed for zero-light emission towards the upper hemisphere).

## Technical specification

Luminaire, ballast and lamp are supplied and checked by GE Consumer and Industrial, ensuring a suitable product quality.

### Structure and Material

Housing in two pieces (housing and door), both in die-cast aluminium with a polyester powder paint finish and oven cured paint colour.

Brisa - Support base suitable for horizontal mounting through 40-60mm diameter pole. This support system shall allow the luminaire tilting 0°, 5° and 10° degrees.

Brisa Mini - Support base suitable for horizontal mounting through 50-60mm diameter pole.

Latch included into the lower housing allowing an easy luminaire opening. Stainless steel screws.

### Control gear assembly

Placed into the lower housing and isolated from the environment with a protection degree IP44. The ballast tray is manufactured in galvanized sheet and mounted into the lower housing.

Ballast, ignitor and capacitor are mounted on this tray, easily removable with electrical disconnection from the lamp with a multi-pole switch.

E40 ceramic lampholder depending on lamp. Multi-position support allowing lamp adjusting in longitudinal and vertical directions for optimal light distribution.

Allowing tubular lamp mountings for

- Brisa - high pressure sodium up to 600W and metal halide up to 250W
- Brisa Mini - high pressure sodium and metal halide up to 250W

### Optics

Optical assembly hermetically sealed providing IP66

Flat tempered glass sealed to the door through silicone. The lens is mechanical and thermal shock resistant (IK9), with a special shape design for perfect fitting to the reflector and lower housing.

Faceted aluminium reflector in one-piece, finish achieved through anodizing process.

Plastic reflector neck, high-temperature resistant. The lamp holder is mounted into the reflector neck through a silicone gasket for ensuring its hermeticity. Its assembly shall be safe and free from detachments during relamping and maintenance operations.

### Maintenance

Tool-less access to the ballast by opening the latch placed into the lower housing.

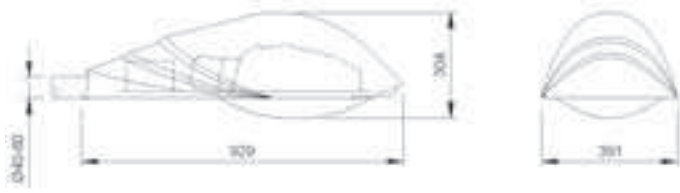
Lamp relamping access by removing the lamp holder manually, releasing the two latches that support the lamp holder to the neck reflector.

### Accessories

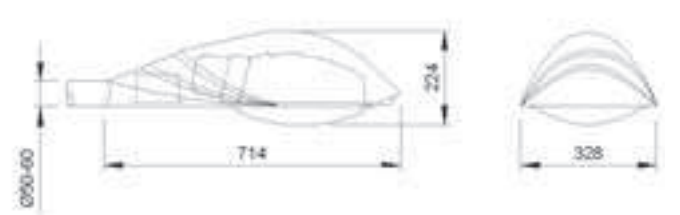
Device for mounting to column of 60mm in galvanized steel, protected with epoxy priming and with a powder paint finish and oven cured. Optional Class II.

Dimensions (mm)

BRISA

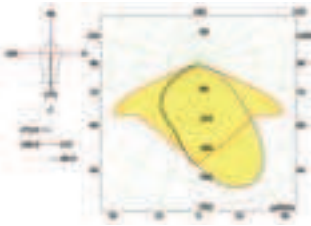


BRISA MINI

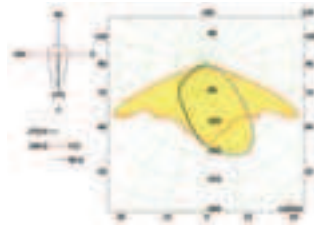


Photometric data

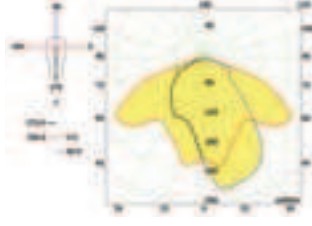
BRISA HPS250



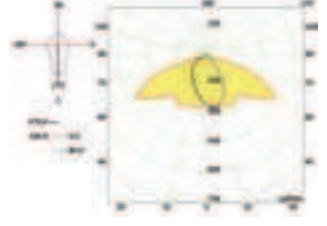
BRISA HPS400



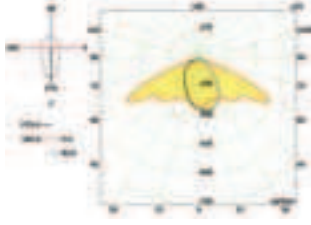
BRISA MINI CMH150



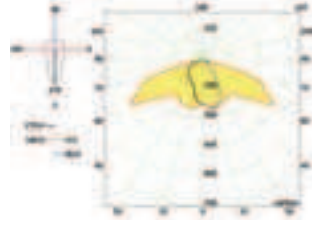
BRISA MINI HPS250



BRISA HPS600



BRISA MINI MH250



BRISA

CEI 34.21 /EN 60598-1, IEC 60 – 230V 50Hz – Class I (Optional Class II)  
Optic IP66 – Control gear IP44

Description	Lamp ILCOS code	Pack Qty	Product Code
BRISA HPS 150W	ST-150-H-E40-48/211	1	87940
BRISA HPS 250W	ST-250-H-E40-48/260	1	519803
BRISA HPS 400W	ST-400-H-E40-48/283	1	519804
BRISA HPS 600W	ST-600-H-E40-48/283	1	519805
BRISA CMH 250W T U	MT/UB-250-H-E40-48/260	1	519806
BRISA CMH 400 T HOR	MT/UB-400-H-E40-60/278	1	519807

BRISA MINI

CEI 34.21 /EN 60598-1, IEC 60 – 230V 50Hz – Class I (Optional Class II)  
Optic IP66 – Control gear IP44

Description	Lamp ILCOS code	Pack Qty	Product Code
BRISA MINI HPS 100W	ST-100-H-E40-48/211	1	519808
BRISA MINI HPS 150W	ST-150-H-E40-48/211	1	519809
BRISA MINI HPS 250W	ST-250-H-E40-48/260	1	519810
BRISA MINI CMH 150 T U	MT/UB-150-H-E40-48/209	1	519811
BRISA MINI CMH 250 T U	MT/UB-250-H-E40-48/260	1	519812