AVA

AVA range is designed for residential application. Carried by a minimalist lyre, this diamond-shaped luminaire has a delicate profile thanks to its rounded corners, even in its suspended version. From 12 to 32 LEDs and offering a variety of mounting options, AVA can be installed in wide range of applications, blending gracefully and discreetly into residential areas, parks, gardens and squares, as well as pedestrian walkways. With an extended lifetime, this IP66 and IK08 luminaire is futureproof through its different variations and offers multiple intelligent management options with its 2 Zhaga sockets above / below and its Zhaga D4i certification. Developed with eco-design in mind, the AVA luminaire is designed to be environmentally friendly, meeting the criteria of energy efficiency, recyclability, sustainability and interoperability.

REASONABLE LIGHTING
COMPLIANT
DECREE
27/12/2018
LIGHT POLLUTION PREVENTION

CEE
ENERGY SAVING CERTIFICATE

1300 lm
8400 lm

Zhaga standard

IK08
IP66

REGISTRED DESIGN

- **Zhaga D4i certified.**
- **Top of the mast or suspended versions.**
- **Compact luminaire, ideal for replacing obsolete luminaires.**
- **Original diamond-shaped design.**

Regulation specific to France: Decree of 27/12/2018 relating to the prevention, reduction and limitation of light nuisance: product configuration to be defined according to the nature of the project.

24/10/2024 - All informations are subject to change without notice.

AVA Lyre

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	6.5 kg
Aerodynamic coefficient (C_xS)	0.051 m^2
Protection index	IP66
Materials	Aluminium

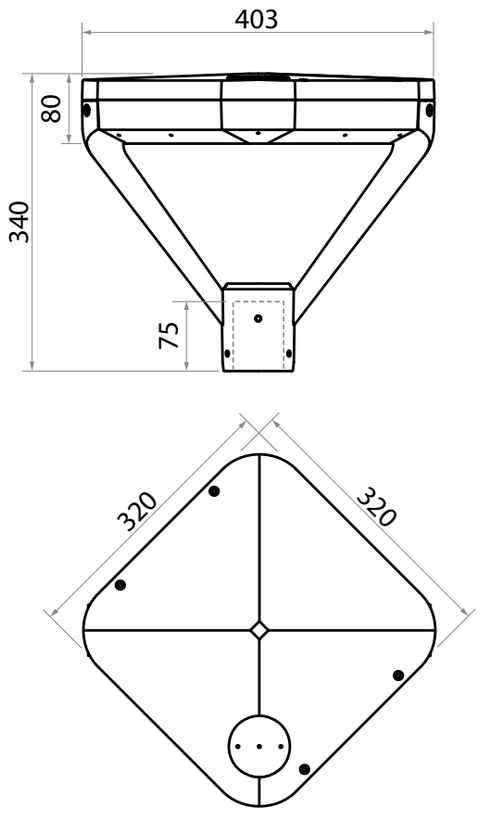
Optical unit & control gear

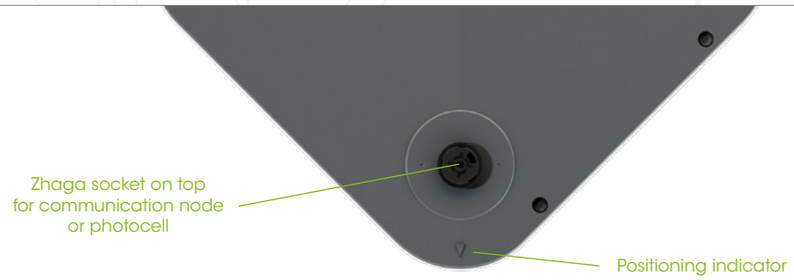
12 to 32 LED PCB - From 1300 to 8400 lm (see attached Ava datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR < 1% *(ULR: Upward Light Ratio).*

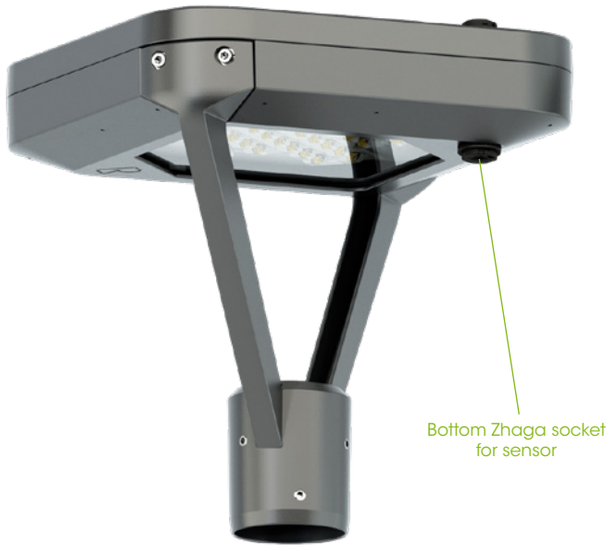
Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08 (IK10 on request)

Operating temperature: -40°C to +35°C (up to +50° under conditions).

Dimensions (mm)







Options

- Pre-wiring.
- Surge protector.
- Backlight control.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell. Zhaga socket at the bottom of the luminaire to add accessories such as sensors
- IK10 protection (PC).

Ecodesign

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

Associate member of the Zhaga consortium, Ragni integrates electronic elements in this product that comply with the Zhaga standard, which ensures its scalability and interoperability. This luminaire is Zhaga D4i certified.

Member of the Global Compact since 2018, Ragni is committed to working towards the 17 Sustainable Development Goals (SDG 11, 12, 13, 15).

Luminaire guaranteed free of hazardous substances.

Luminaire eligible for the energy savings certificate.

Luminaire compliant with the decree of 27/12/2018 on the prevention, reduction and limitation of light pollution: product configuration to be defined according to the nature of the project.

Applicable standards

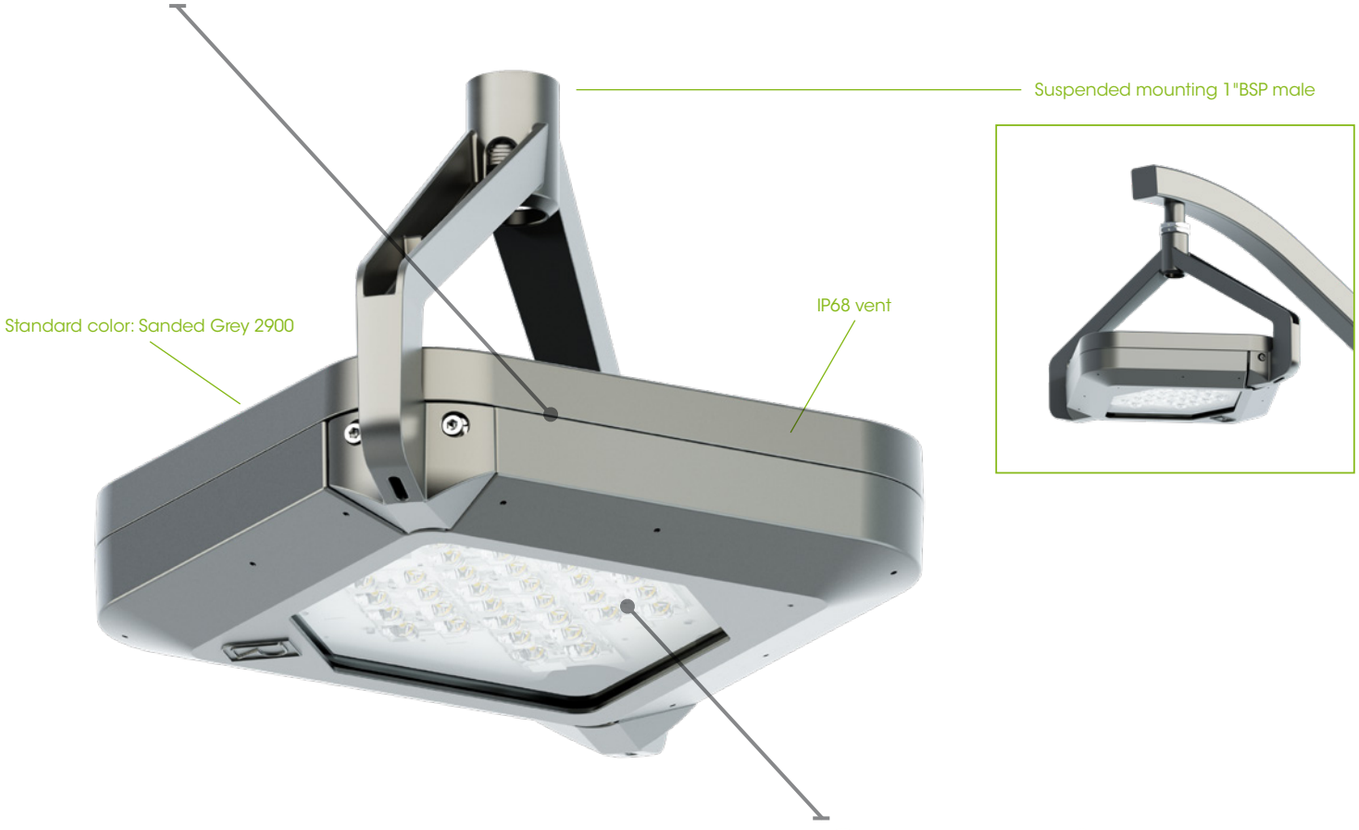
IEC/EN 60598-1 / IEC/EN 60598-2-3 / NF EN 60529 / NF EN 62262 / IEC/EN 55015 / IEC/EN 61547 / IEC/EN 61000-3.2 / IEC/EN 61000-3.3 / IEC/EN 62493 / IEC/EN 62031 / IEC/EN 62471 / IEC/EN 61347-1 / IEC/EN 61347-2-13 / NF EN 13201-3 / NF EN 13201-4 / EN 13032-1+A1 & EN 13032-4 / LM79 / NF EN 12981

AVA Suspended

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	6.9 kg
Aerodynamic coefficient (C_xS)	0.060 m^2
Protection index	IP66
Materials	Aluminium



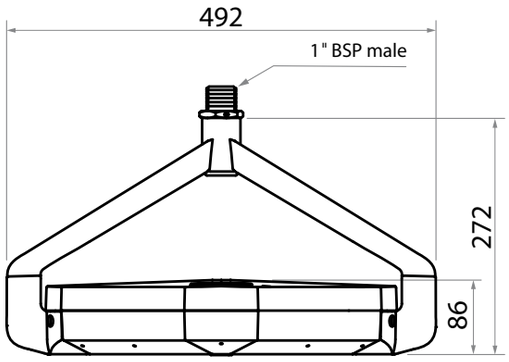
Optical unit & control gear

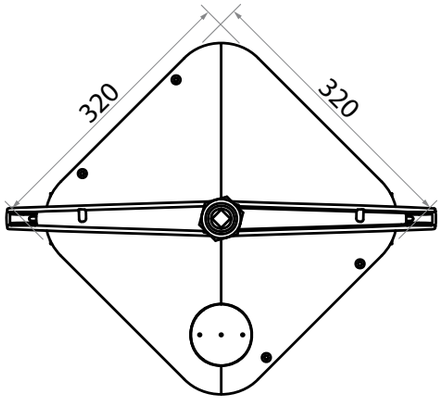
12 to 32 LED PCB - From 1300 to 8400 lm (see attached Ava datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR < 1% *(ULR: Upward Light Ratio).*

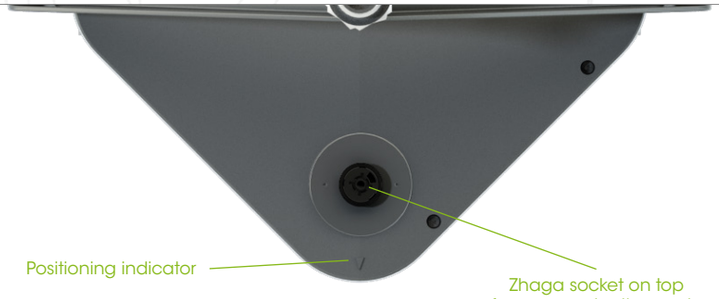
Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08 (IK10 on request)

Operating temperature: -40°C to +35°C (up to +50° under conditions).

Dimensions (mm)







Options

- Pre-wiring.
- Surge protector.
- Catenary attachment accessory.
- Backlight control.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell. Zhaga socket at the bottom of the luminaire to add accessories such as sensors.
- IK10 protection (PC).

Ecodesign

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

Associate member of the Zhaga consortium, Ragni integrates electronic elements in this product that comply with the Zhaga standard, which ensures its scalability and interoperability. This luminaire is Zhaga D4i certified.

Member of the Global Compact since 2018, Ragni is committed to working towards the 17 Sustainable Development Goals (SDG 11, 12, 13, 15).

Luminaire guaranteed free of hazardous substances.

Luminaire eligible for the energy savings certificate.

Luminaire compliant with the decree of 27/12/2018 on the prevention, reduction and limitation of light pollution: product configuration to be defined according to the nature of the project.

Applicable standards

IEC/EN 60598-1 / IEC/EN 60598-2-3 / NF EN 60529 / NF EN 62262 / IEC/EN 55015 / IEC/EN 61547 / IEC/EN 61000-3.2 / IEC/EN 61000-3.3 / IEC/EN 62493 / IEC/EN 62031 / IEC/EN 62471 / IEC/EN 61347-1 / IEC/EN 61347-2-13 / NF EN 13201-3 / NF EN 13201-4 / EN 13032-1+A1 & EN 13032-4 / LM79 / NF EN 12981

AVA Side mounted

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	7.5 kg
Aerodynamic coefficient (C_xS)	0.022 m^2
Protection index	IP66
Materials	Aluminium

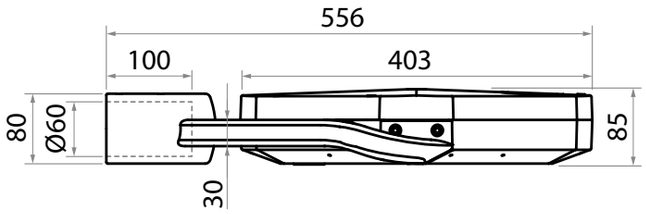
Optical unit & control gear

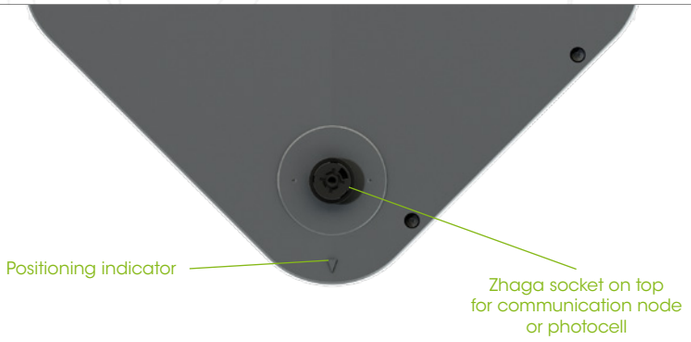
12 to 32 LED PCB - From 1300 to 8400 lm (see attached Ava datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR < 1% *(ULR: Upward Light Ratio).*

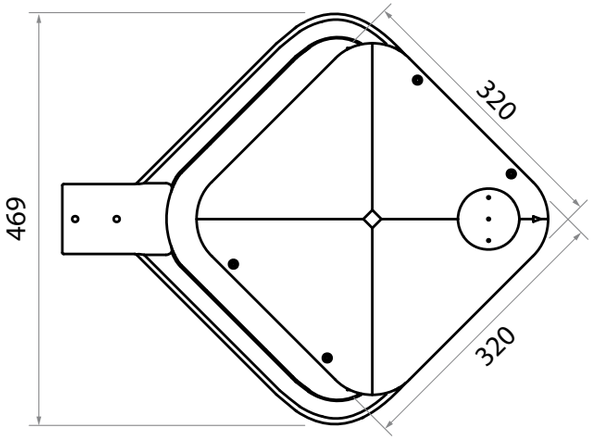
Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08 (IK10 on request)

Operating temperature: -40°C to +35°C (up to +50° under conditions).

Dimensions (mm)







Options

- Pre-wiring.
- Surge protector.
- Ø42/49/60 with reducing wedge.
- Backlight control.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell. Zhaga socket at the bottom of the luminaire to add accessories such as sensors.
- IK10 protection (PC).

Ecodesign

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

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