

R-light

- ▶ **Adjustable sleeve for lateral or top mounting.**
- ▶ **Negative lateral tilt up to -100°.**
Ideal for retrofitting on very inclined bracket.
- ▶ **Available in 2 sizes.**

R-Light is a functional cast aluminum lighting fixture designed for road lighting. Its ovoid and curved shape allows an opening without tools through a hook, with automatic disconnection in option, located at the end of the luminaire. Available in two sizes, it is equipped with a module receiving from 8 to 64 LEDs depending on the size and allows, via a wide range of color temperatures and photometries, to precisely meet the lighting needs of the project while ensuring compliance with the regulations against light pollution. With an adaptive top or side mounting and adjustable tilt, it has IK08 tempered glass protection and is fully IP66.

*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.

04/05/2023 - All informations are subject to change without notice.



ROAD | PLIGHT

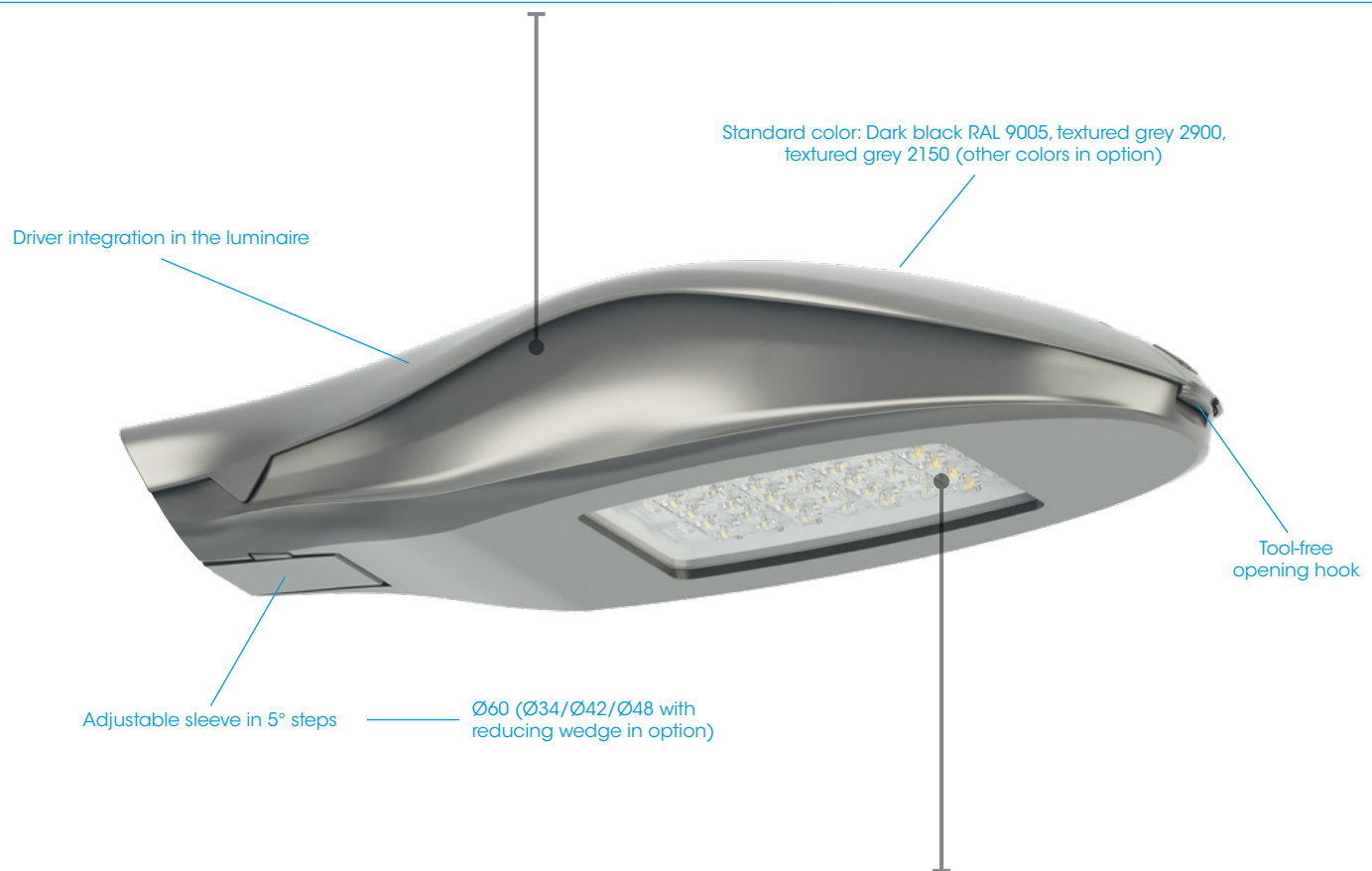


R-LIGHT 650

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	8.5 kg
Aerodynamic coefficient (C_xS)	0.031 m ²
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

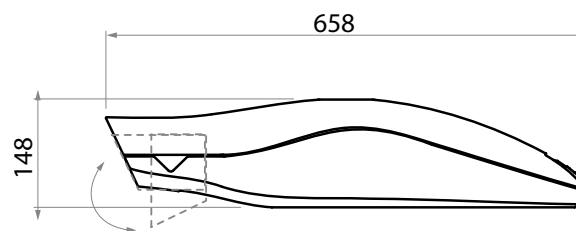
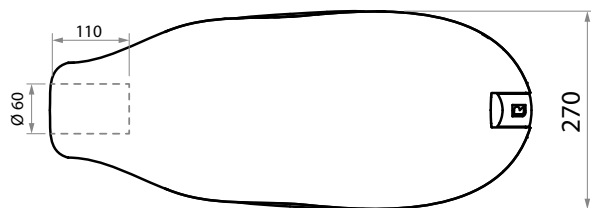
8 to 48 LED module in Zhaga standard - From 1000 to 13800 lm (see attached EVO2 datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR 0% (*LED*) (*ULR: Upward Light Ratio*).

Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08

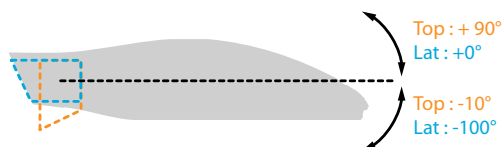
Operating temperature: -40°C to +35°C (up to +50° under conditions).

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Dimensions (mm)



Tilt



Installation note

Tilts are possible to adapt the luminaire to different bracket configurations. In order to comply with light pollution control requirements, the inclination of a luminaire should not exceed 20°.

Options

- Pre-wiring.
- Surge protector.
- 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.
- Ø34/42/48 with reducing wedge.
- Automatic disconnection on opening.
- Backlight control.
- NTC sensor.

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.

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

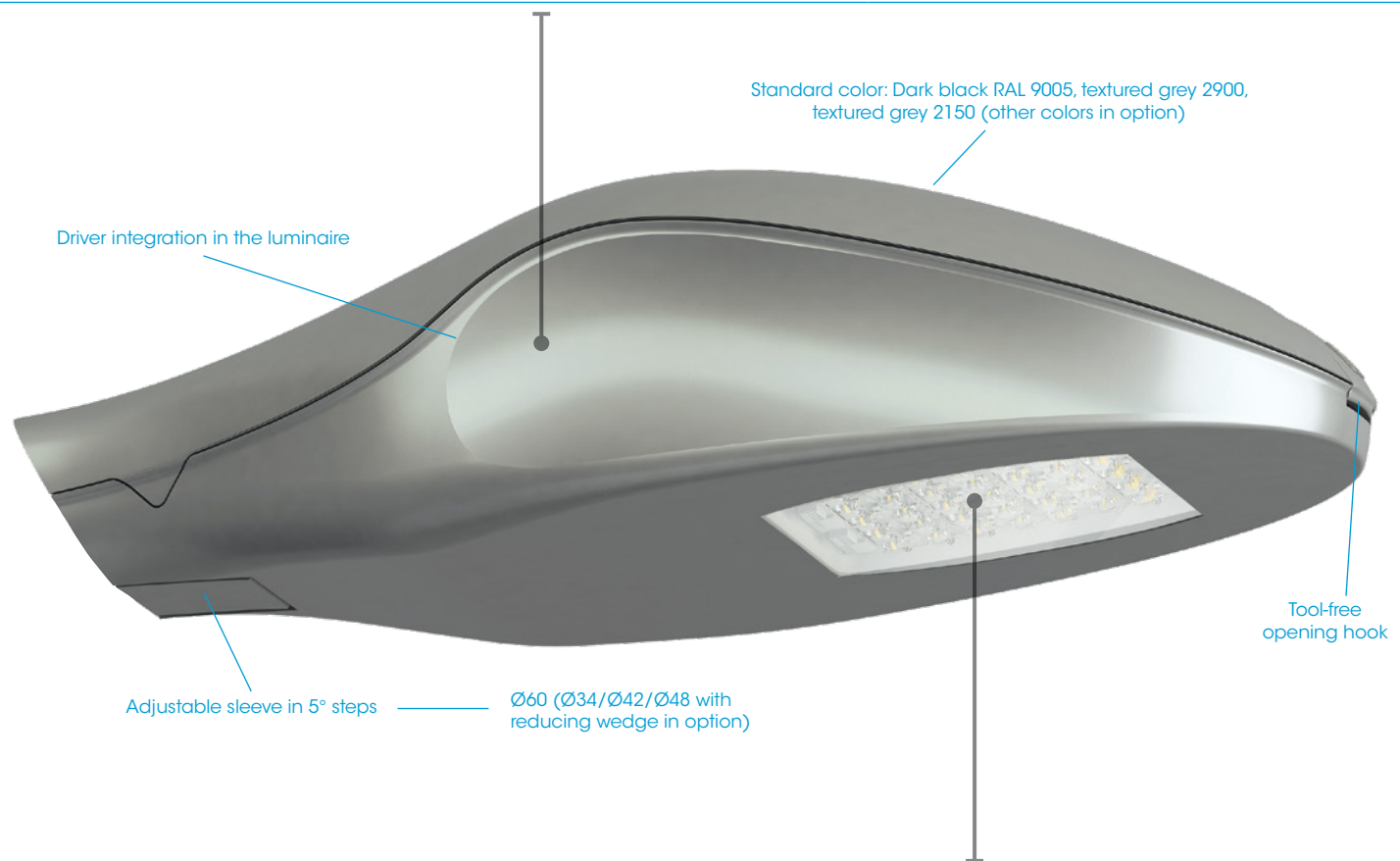
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R-LIGHT 800

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	10.4 kg
Aerodynamic coefficient (C_xS)	0.080 m ²
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

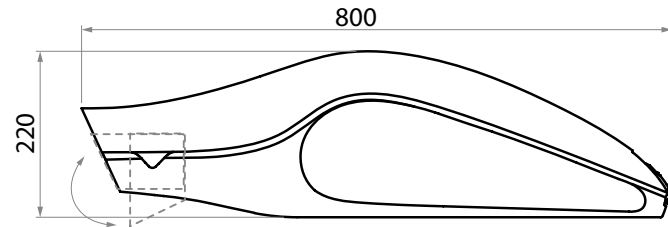
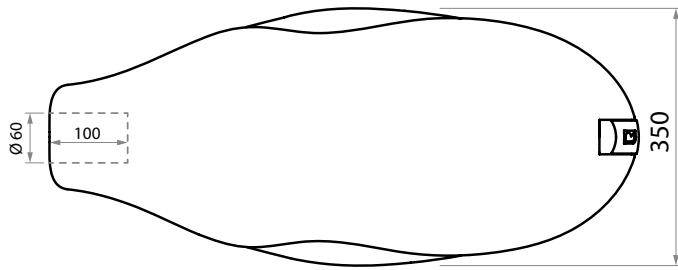
32 to 64 LED module in Zhaga standard - From 3100 to 18400 lm (see attached EVO2 datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR 0% (LED) (ULR: Upward Light Ratio).

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

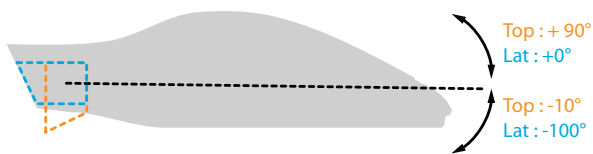
Operating temperature: -40°C to +35°C (up to +50° under conditions).

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Dimensions (mm)



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Installation note

Tilts are possible to adapt the luminaire to different bracket configurations. In order to comply with light pollution control requirements, the inclination of a luminaire should not exceed 20°.

Options

- Pre-wiring.
- Surge protector.
- Zhaga socket or Nema socket on the top and/or Zhaga socket on the bottom of the luminaire + smart lighting accessories (detection, communication, photocell, sensors...).
- Ø34/42/48 with reducing wedge.
- Automatic disconnection when the luminaire is opened.
- Backlight control.
- NTC sensor.
- IK10 protection.

Ecodesign

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