

PULSE

ROAD | PULSE



Zhaga
standard



Pulse is a functional luminaire made of aluminium designed for road lighting. It comes in a flat rectangular shape with an aerodynamic profile, with a rounded back and slightly thinner on the front. Made of aluminum and finished with tempered glass, it is adorned with slight decorative vertical ridges on both sides of the length and has IK08 tempered glass protection (IK10 optional) and is fully IP66. Pulse receive 16 to 64 LEDs 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. Offered in a lateral version or in top of pole, it is designed for easy installation and maintenance.



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- ▶ Luminaire possible in two-tone.
- ▶ Screen-printed glass adapted to the number of LEDs.
- ▶ Lateral or top mounting via aluminium sleeve.



* 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.

11/04/2022 - All informations are subject to change without notice.

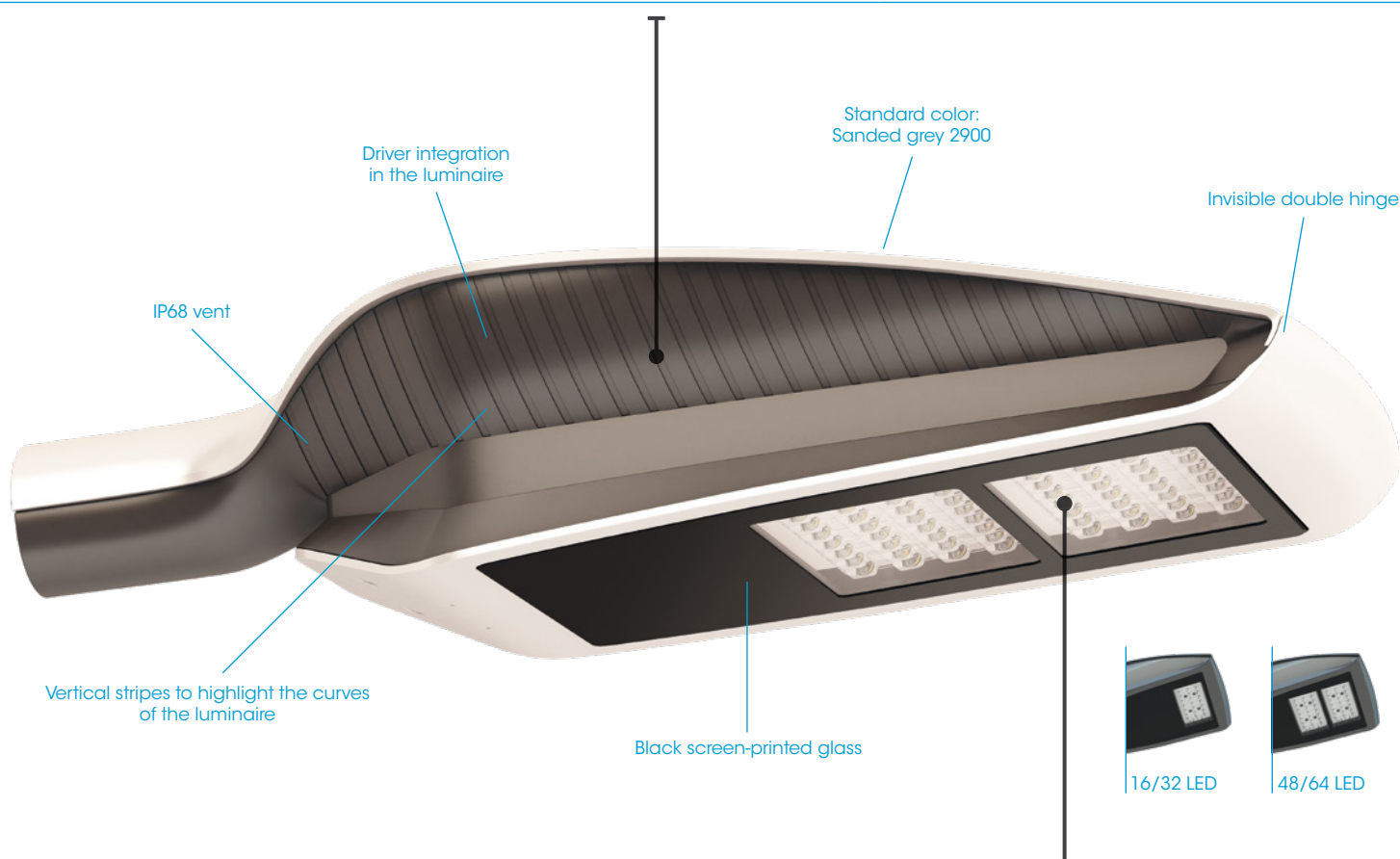


PULSE

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

| | |
|---|----------------------|
| Weight | 8 kg |
| Aerodynamic coefficient (C_xS) | 0.070 m ² |
| Protection index | IP66 |
| Materials | Aluminium |



Optical unit & control gear

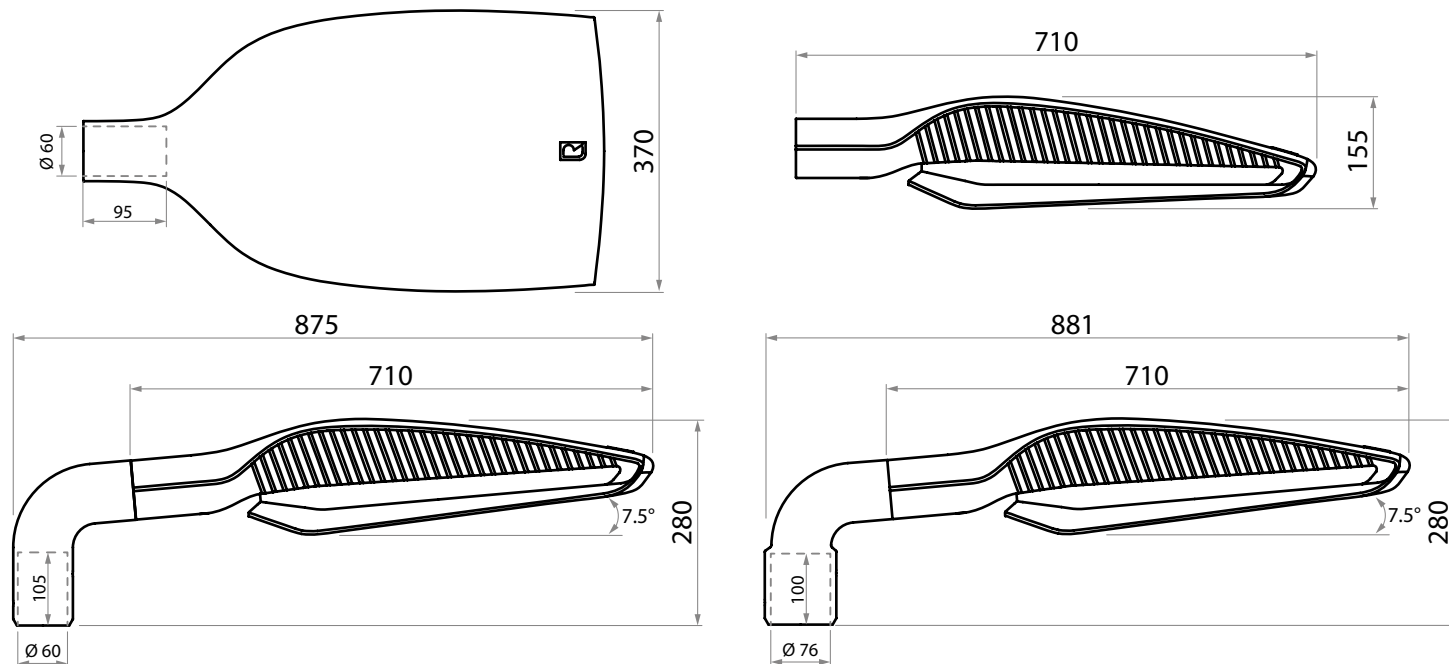
16 to 64 LED PCB in Zhaga standard - From 1500 to 13800 lm (see attached Pulse datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR 0% (ULR: Upward Light Ratio).

| | |
|-------------------------|------------------------|
| 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).

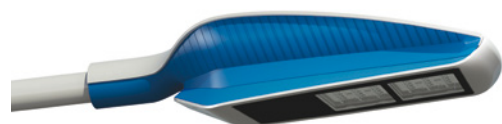
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Dimensions (mm)



Options

- Pre-wiring.
- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.
- Ø34/42/48 with reducing wedge.
- Fixing sleeve at the top of the mast Ø60 or Ø76.
- Backlight control.
- NTC sensor.
- IK10 protection.
- Two-tone.



□ RAL 9010
■ RAL 5015



■ RAL 3001
■ RAL 9005

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

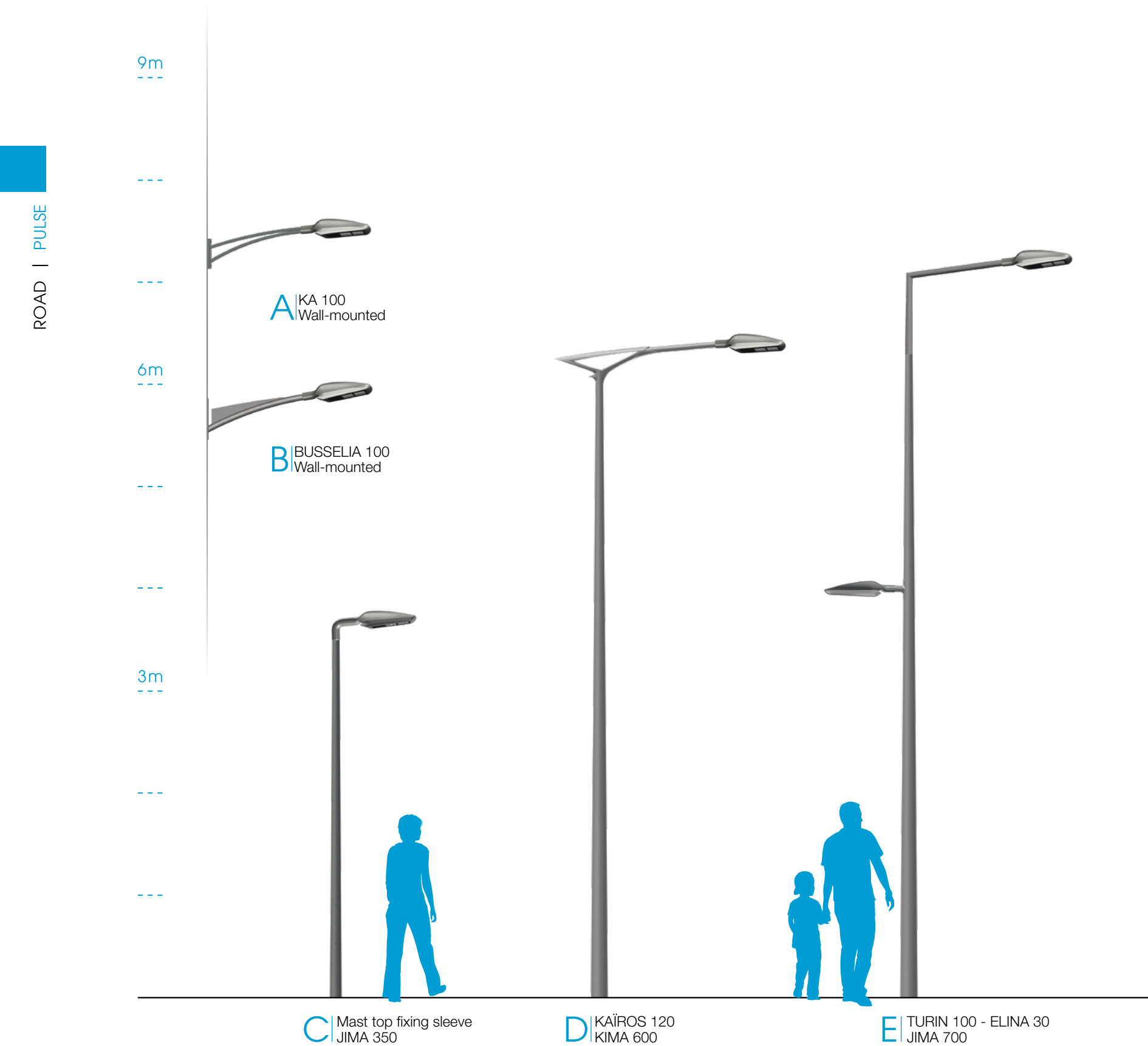
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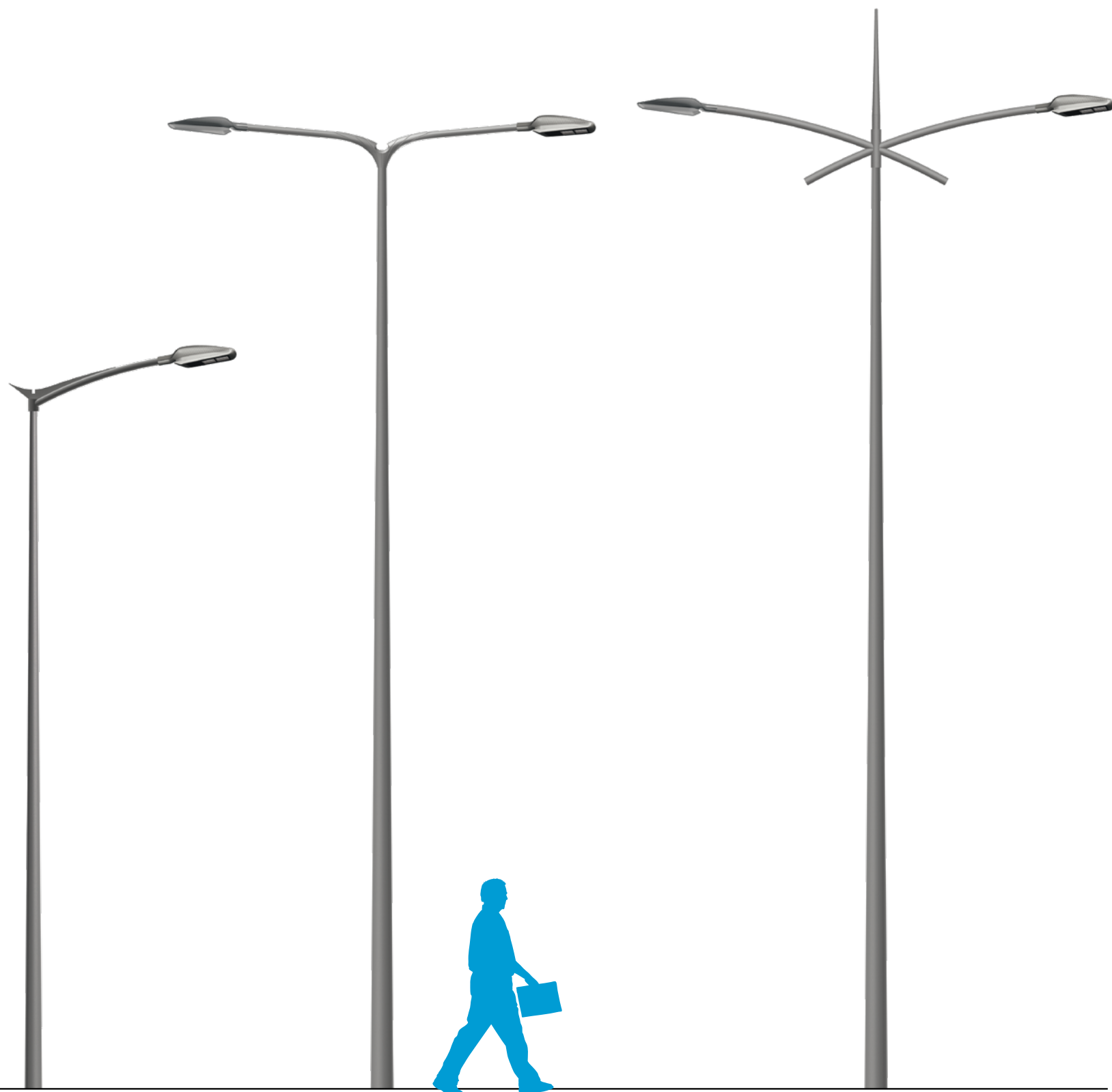


Sets proposals

- **Standard color:** Sanded grey 2900.
- **Option:** other colors on request.



PULSE



F | ARCTIA 120
JIMA 600

G | EXIS 120
KIMA 800

H | LYCIA 150
KIMA 800

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