

TEKK



Zhaga
standard



The Tekk luminaire is designed for residential and functional road lighting. Rectangular in shape, a curve adds thickness to the rear base of the luminaire. Tekk comes in two sizes and accommodates from 8 to 64 LEDs. Entirely made of aluminium it is totally IP66 and can be fixed laterally or on top of mast. An integrated dissipator and fins ensure the thermal regulation of the luminaire.

*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.

19/10/2023 - All informations are subject to change without notice.



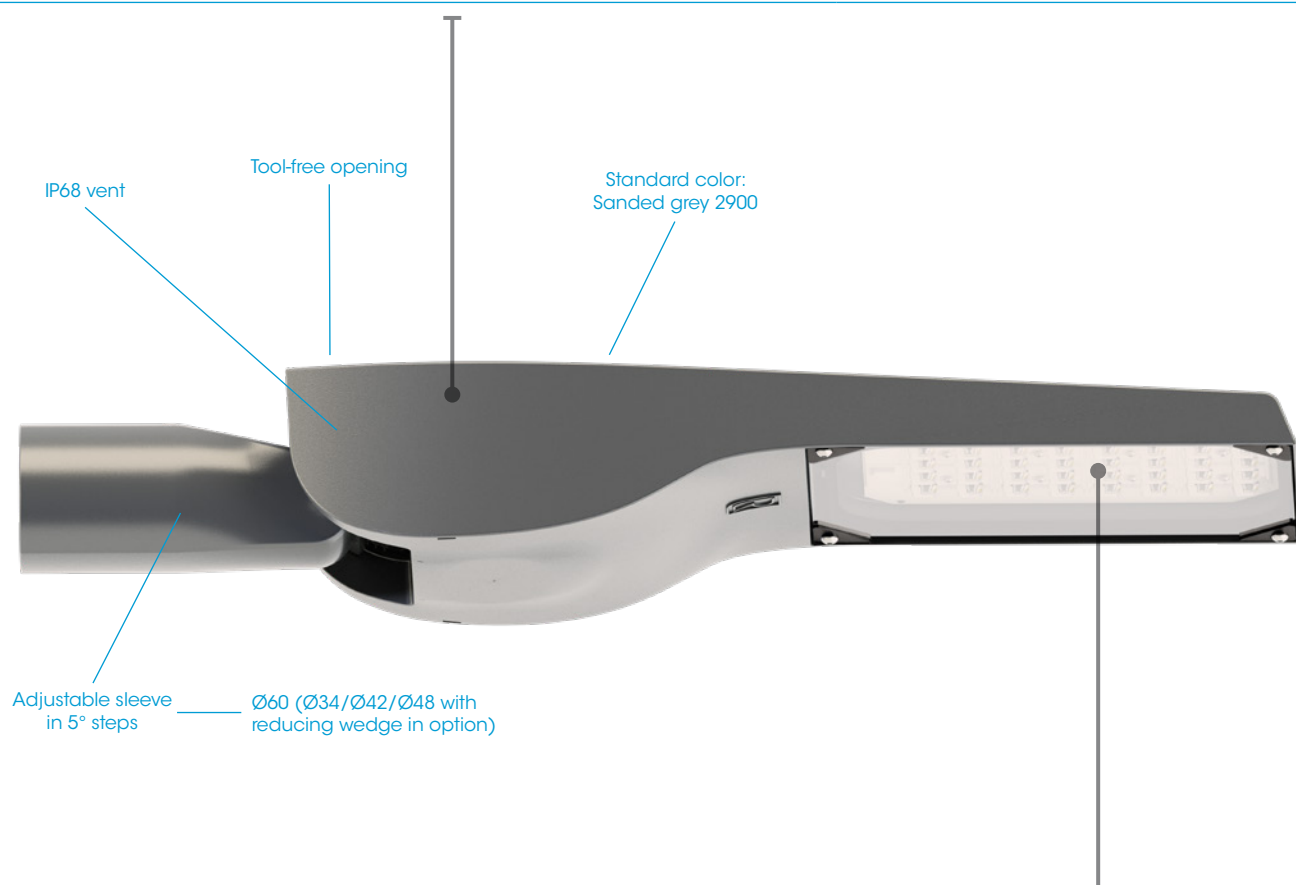
- ▶ Adjustable sleeve for lateral or top mounting.
- ▶ Available in 2 sizes.
- ▶ Thermal regulation by radiator integrated in the luminaire.
- ▶ Smart City compatibility.

TEKK S

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	6 kg
Aerodynamic coefficient (CxS)	0.050 m ²
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

8 to 32 LED PCB in Zhaga standard - From 1100 to 12900 lm (see attached Tekk 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	IK10

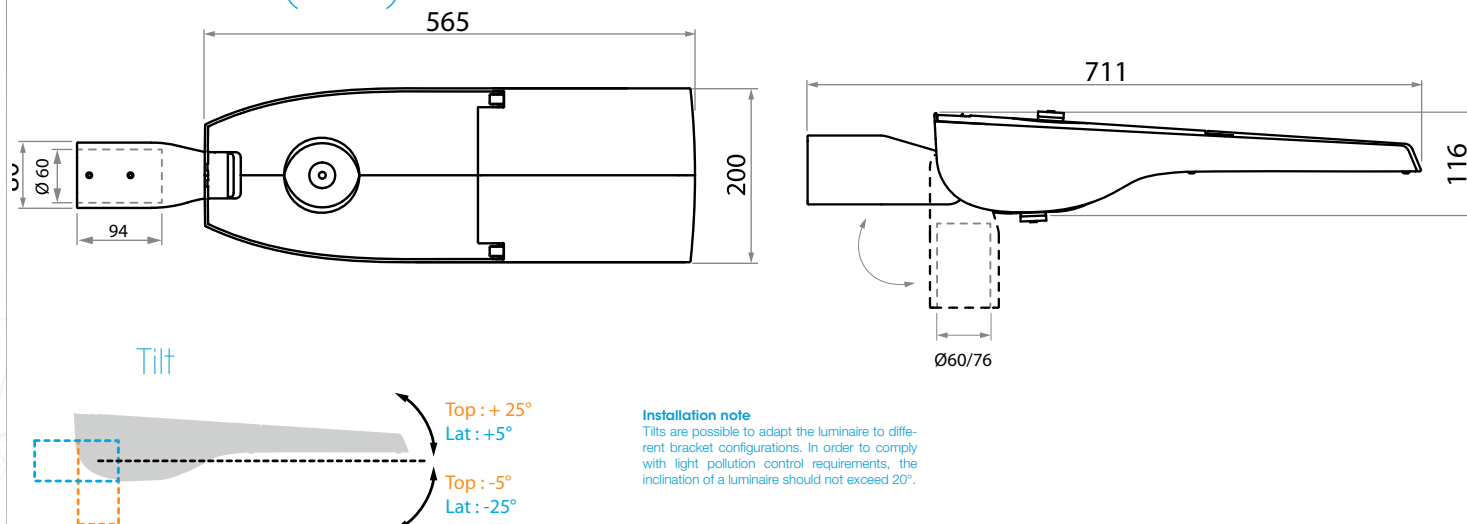
Operating temperature: -40°C to +35°C (up to +50° under conditions).

19/10/2023 - All informations are subject to change without notice.



www.ragni.com

Dimensions (mm)



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.
- Backlight control.
- NTC sensor.
- Automatic disconnection when the luminaire is opened.
- Safety hook.
- Covers under the PCBs.



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

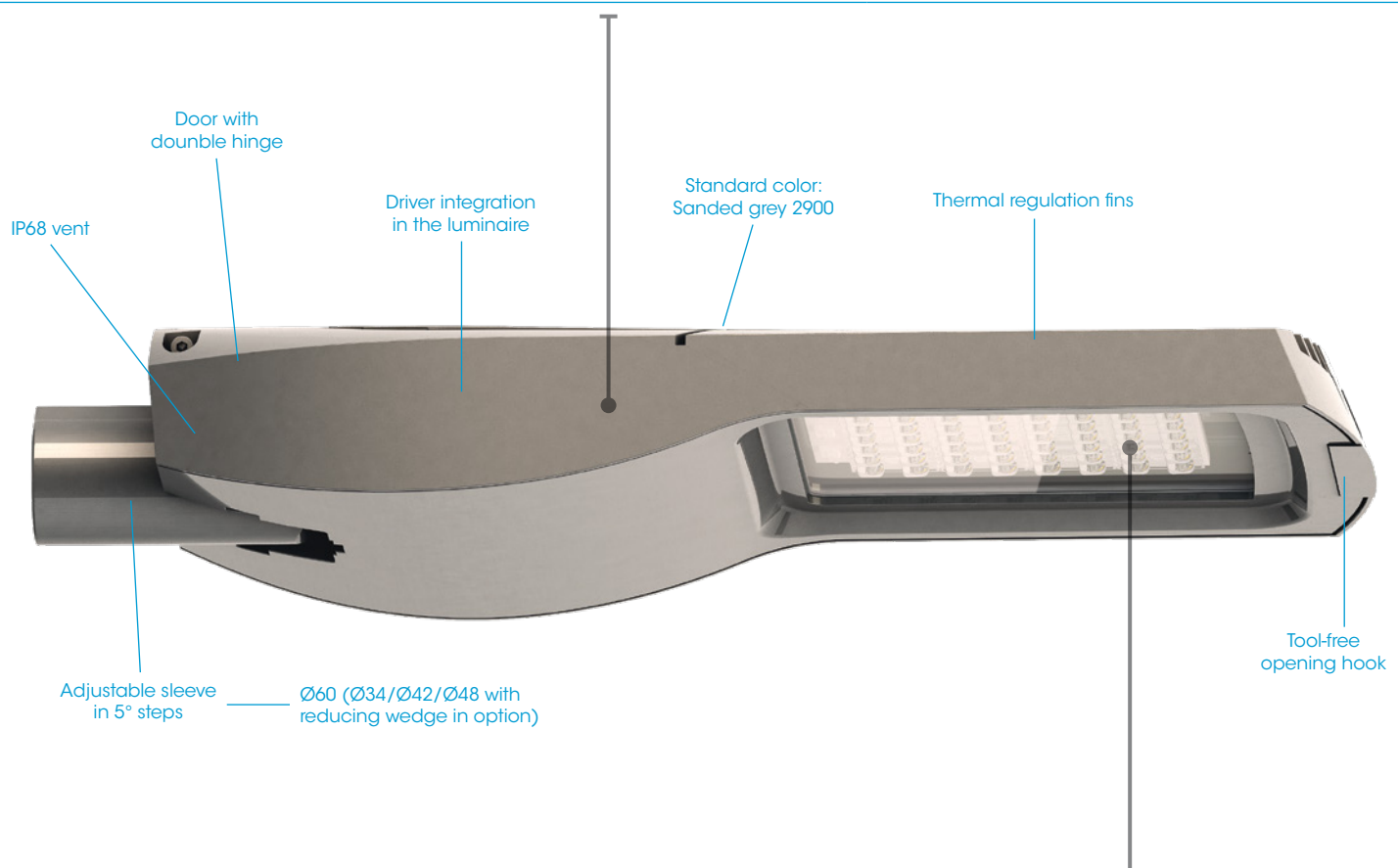
19/10/2023 - All informations are subject to change without notice.

TEKK M

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	9 kg
Aerodynamic coefficient (C _{xS})	0.044 m ²
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

16 to 64 LED PCB in Zhaga standard - From 1400 to 25700 lm (see attached Tekk 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)

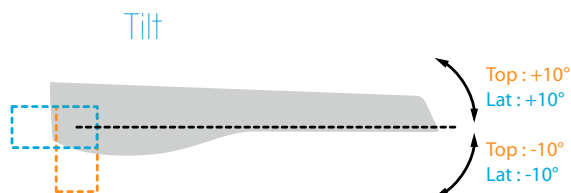
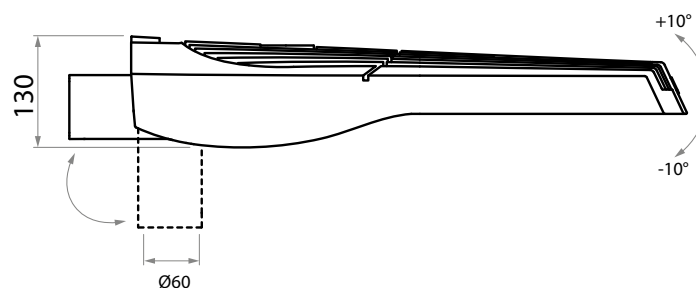
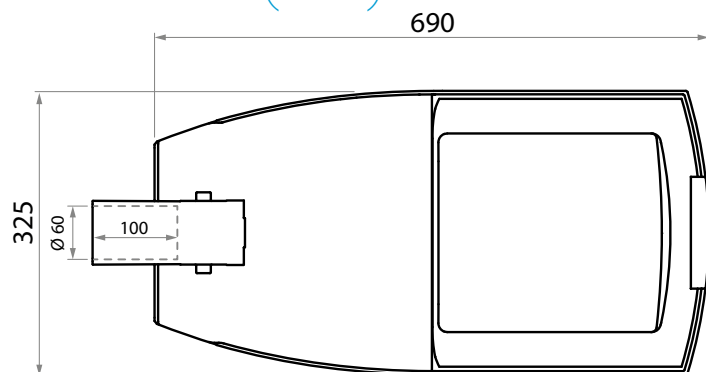
Operating temperature: -40°C to +35°C (up to +50° under conditions).

19/10/2023 - All informations are subject to change without notice.



www.ragni.com

Dimensions (mm)



Installation note

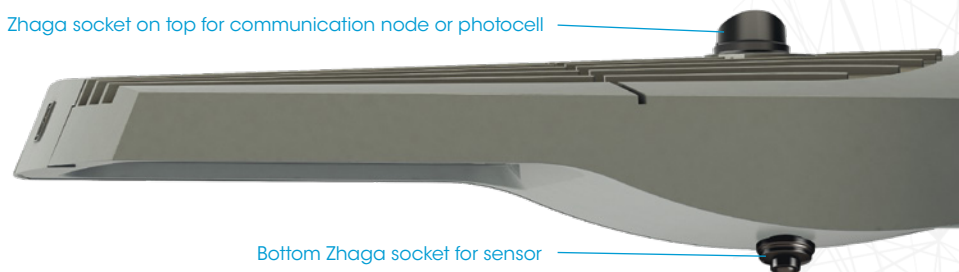
Tilts are possible to adapt the luminaire to different bracket configurations. In order to comply with light pollution control requirements, the inclination of a luminaire should not exceed 20°.

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.
- Ø34/42/49 with reducing wedge.
- Backlight control.
- NTC sensor.
- Automatic disconnection when the luminaire is opened.
- IK10 protection.

Zhaga socket on top for communication node or photocell

Bottom Zhaga socket for 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

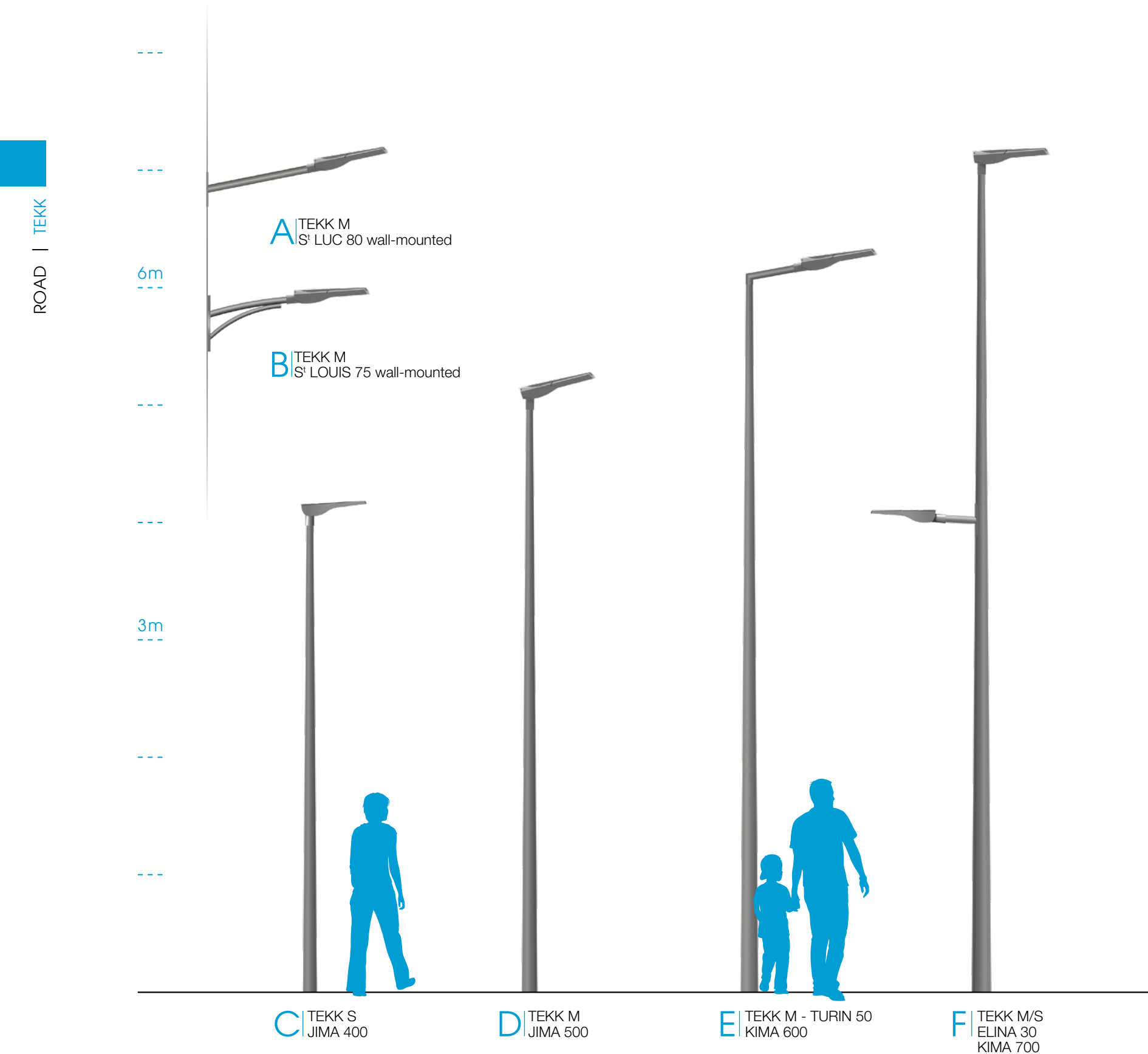
19/10/2023 - All informations are subject to change without notice.





Sets proposals

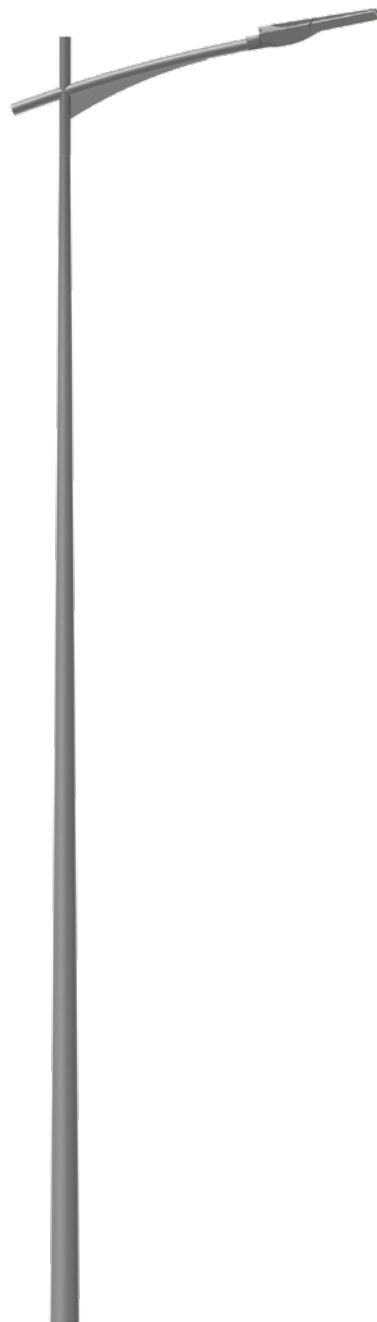
- **Standard color:** Sanded grey 2900.
- **Option:** other colors on request.



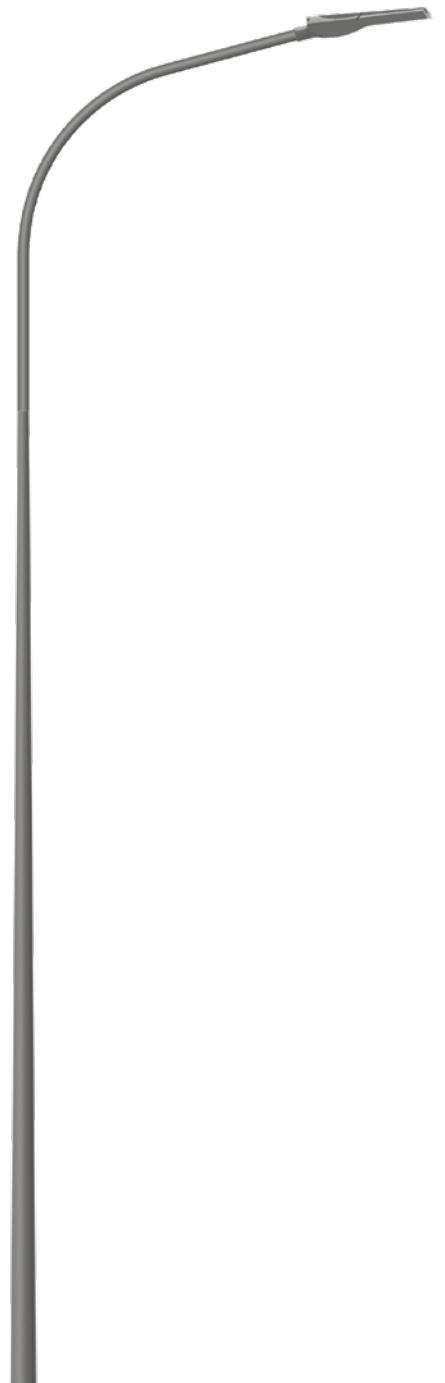
TEKK



G | TEKK M
STERIA 60 - KIMA 700



H | TEKK M
ORIZUS 100 - KIMA 600



I | TEKK M
PARME 200.150 - JIMA 500

ROAD | TEKK