Range
LAMPION

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

Zhaga standard

Tool free opening
LAMPION Mega | Glow

750 lm ∨ 10300 lm

Backlighted
LAMPION glow

IK08 IP66

CEE ENERGY SAVING CERTIFICATE

Lampion is a range of cylindrical light fixtures in the form of an openwork stainless steel cage suspended from an aluminum electrical housing and protected by IK08 tempered glass. The premium version, the Lampion Glow, is enriched with a diffuse white backlit cylindrical polyethylene bowl with optional DMX control. The Lampion range has an Zhaga-compatibles 8 to 48 LED IP66 optical unit and integrated driver which 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. These Class I and II luminaires create ambiance through the play of light produced by the optional customizable cut-out patterns.

*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.

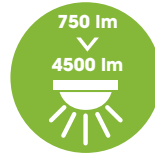11/10/2023 - All informations are subject to change without notice.

REGISTRED DESIGN
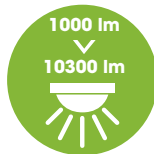
▶ **Available in two sizes and one premium «Glow» version.**

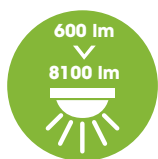▶ **Customized cutting on request.**

▶ **Easy installation and maintenance.**

LAMPION MINI

750 lm ⌄ 4500 lm

Prewired

LAMPION GLOW

Prewired

1000 lm ⌄ 10300 lm

Backlighted

Tool free opening

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600 lm ∨ **8100 lm**

Tool free opening

LAMPION MEGA

AMPION RANGE

LAMPION mini

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	9.4 kg
Aerodynamic coefficient (C$_X$S)	0.106 m^2 *
Materials	Electrical housing: Aluminium Cage: Stainless steel

OXMO fitting painted in the color of the luminaire

Aluminium

IP68 vent

1" BSP male

Standard color: Sanded Grey 2900

Stainless steel

Pre-wired
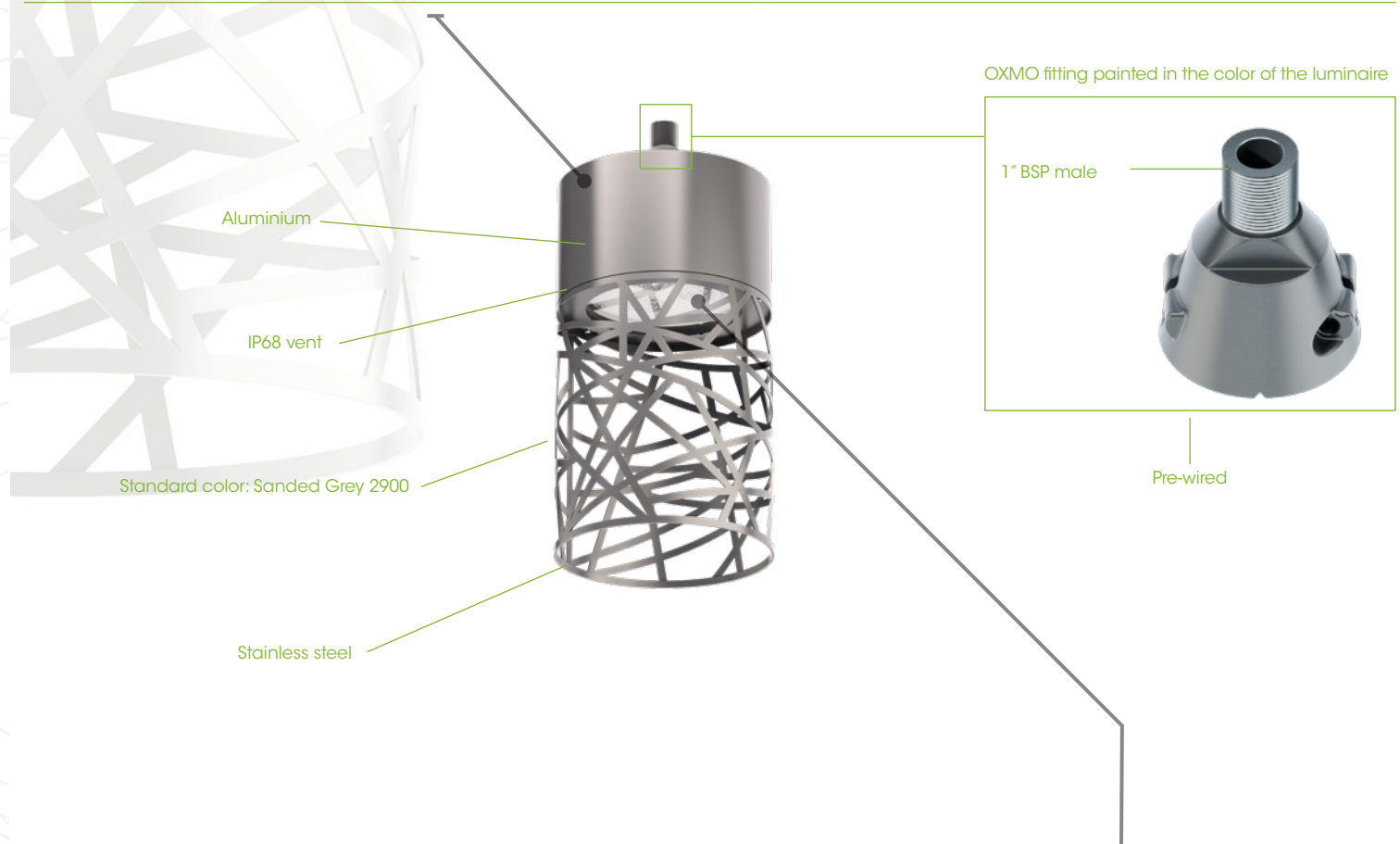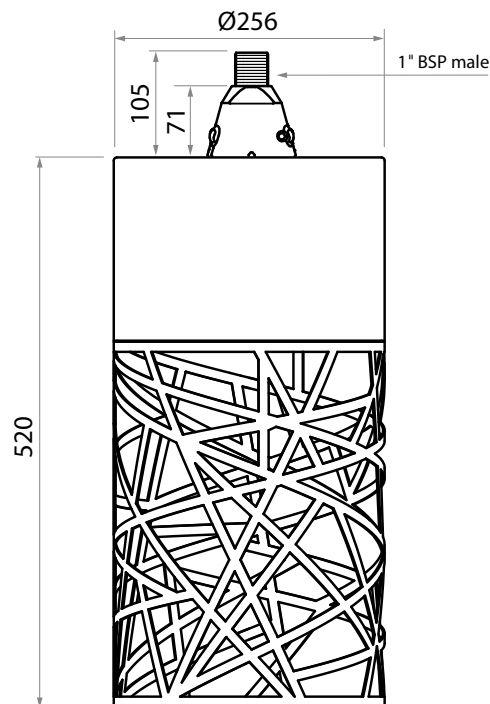
Optical unit & control gear

1 to 3 COB - From 750 to 4500 lm (see attached Lampion mini datasheet for details on power, light intensities and available photometries). 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

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

Dimensions (mm)

Ø256

1" BSP male

105

71

520

Customization

Inlay of a customization element (logo, coat of arms of a city, decorative pattern) within the cage after a feasibility study by our technical service.

* SCx calculated on the basis of our standard cut. Coefficient may vary depending on the design of the cutout, a technical study must be carried out.

Two-tone variation (different shades between the cage and the electrical housing).

Options

• Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.

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

LAMPION mega

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	10.5 kg
Aerodynamic coefficient (C$_X$S)	0.223 m^2 *
Materials	Electrical housing: Aluminium Cage: Stainless steel

IP68 vent

Aluminium

Hinged door

Tool-free opening

Stainless steel

1" BSP male

OXMO fitting painted in the color of the luminaire

Standard color: Sanded Grey 2900

Optical unit & control gear
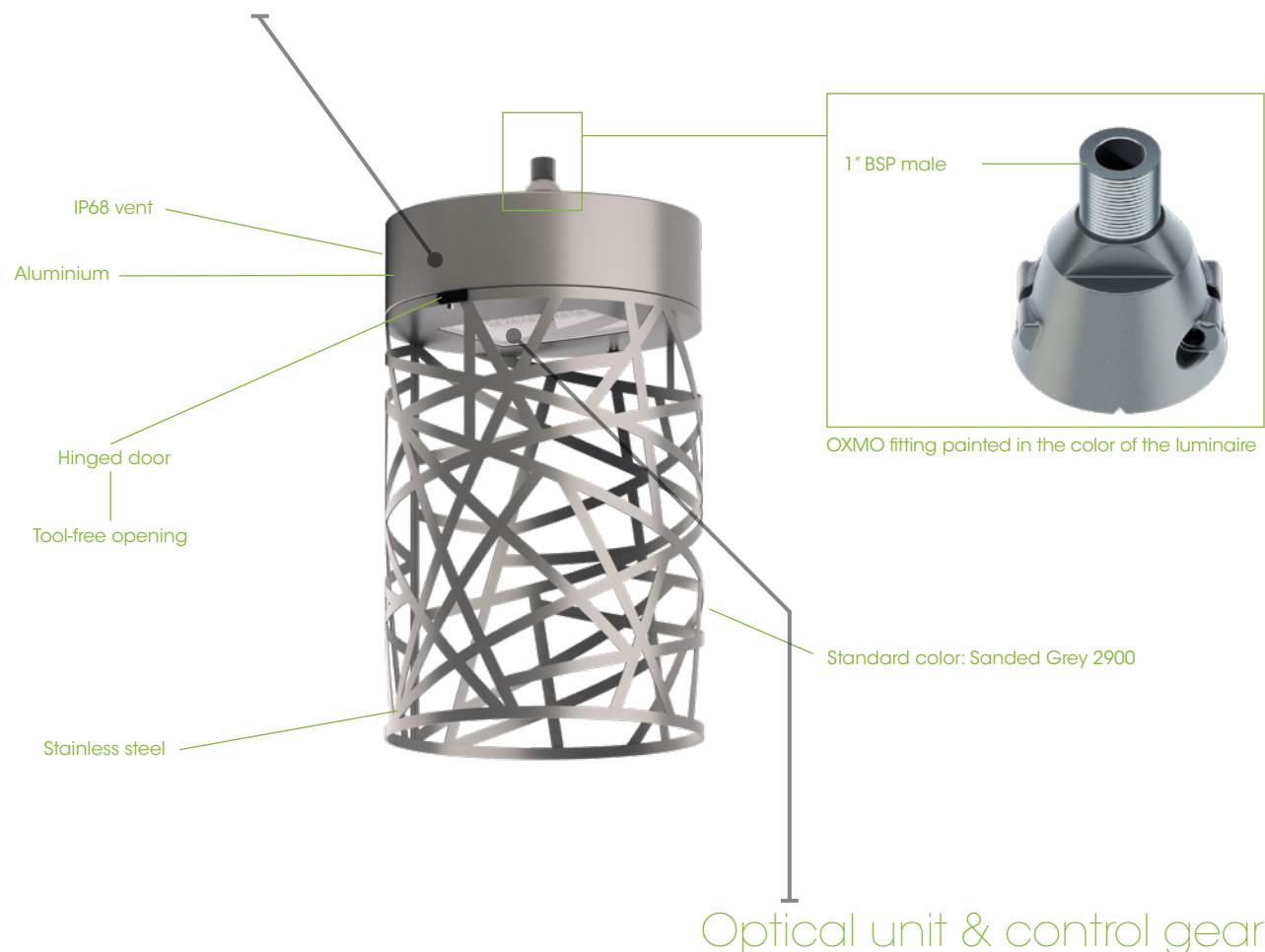
8 to 48 LED module - From 600 to 8100 lm (see attached Lampion mega datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR 0% *(ULR: Upward Light Ratio)*.

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

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

Dimensions (mm)

Ø400

1 " BSP male

105

71

660

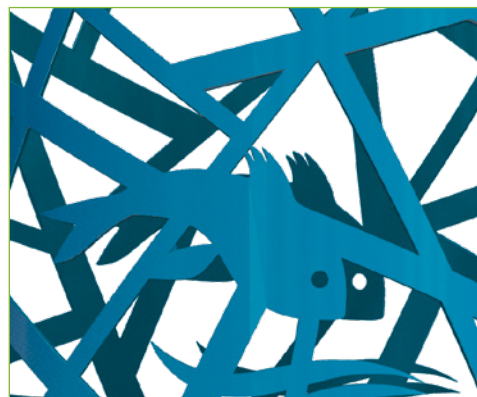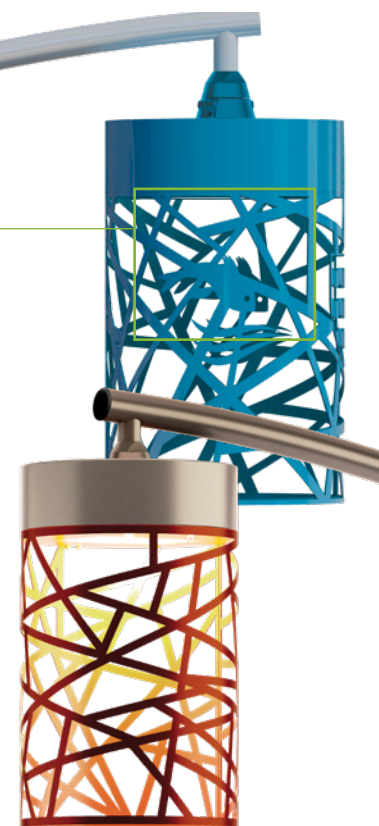## Customization

Inlay of a customization element (logo, coat of arms of a city, decorative pattern) within the cage after a feasibility study by our technical service.

* SCx calculated on the basis of our standard cut. Coefficient may vary depending on the design of the cutout, a technical study must be carried out.

Two-tone variation (different shades between the cage and the electrical housing).

Options

- Pre-wiring.
- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.

Ecodesign

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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

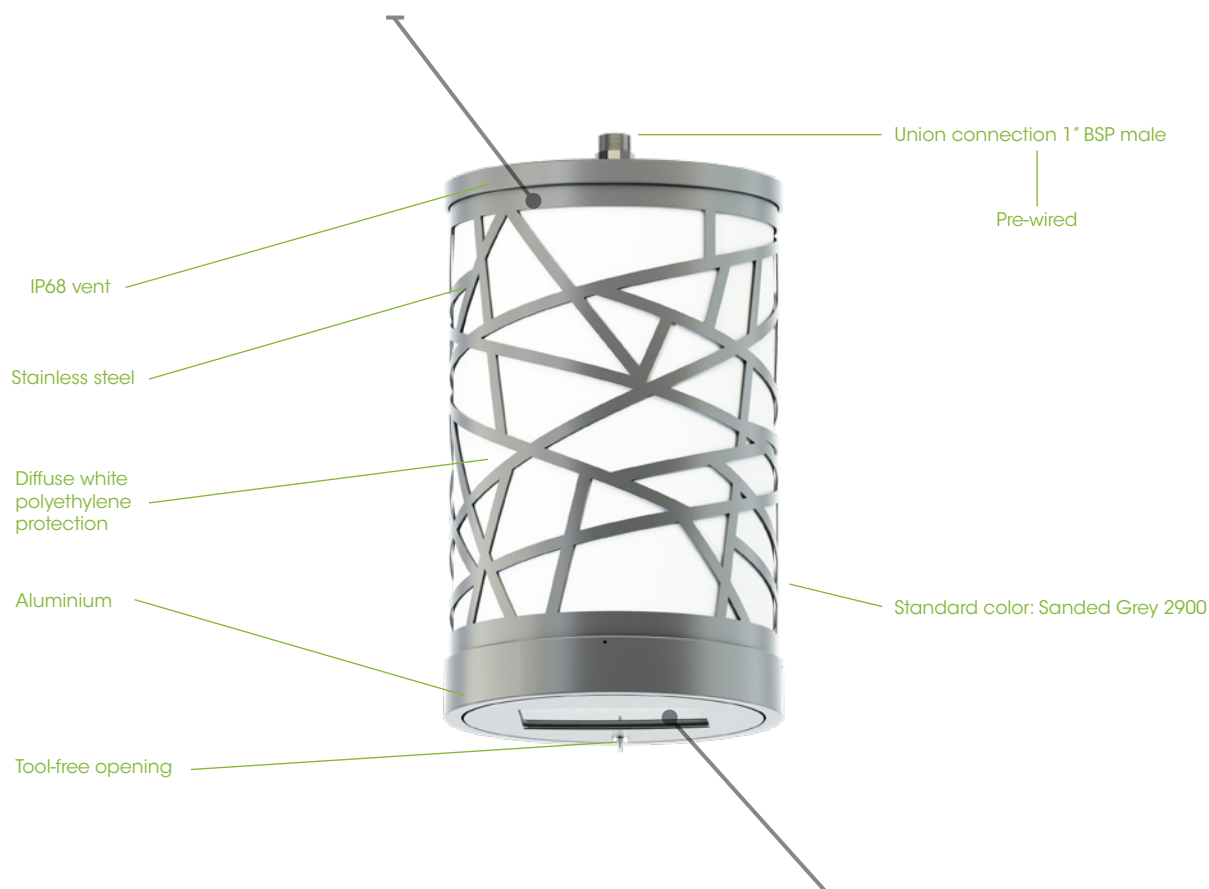11/10/2023 - All informations are subject to change without notice.

w w w . r a g n i . c o m

LAMPION GLOW

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	28.9 kg
Aerodynamic coefficient (C$_X$S)	0.170 m^2
Materials	Electrical housing: Aluminium Cage: Stainless steel Cylinder bowl: Diffuse PE

IP68 vent

Stainless steel

Diffuse white
polyethylene
protection

Aluminium

Tool-free opening

Union connection 1" BSP male

Pre-wired

Standard color: Sanded Grey 2900

Optical unit & control gear

8 to 48 LED module - From 1000 to 10300 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% for the functional part below the luminaire *(ULR: Upward Light Ratio)*.

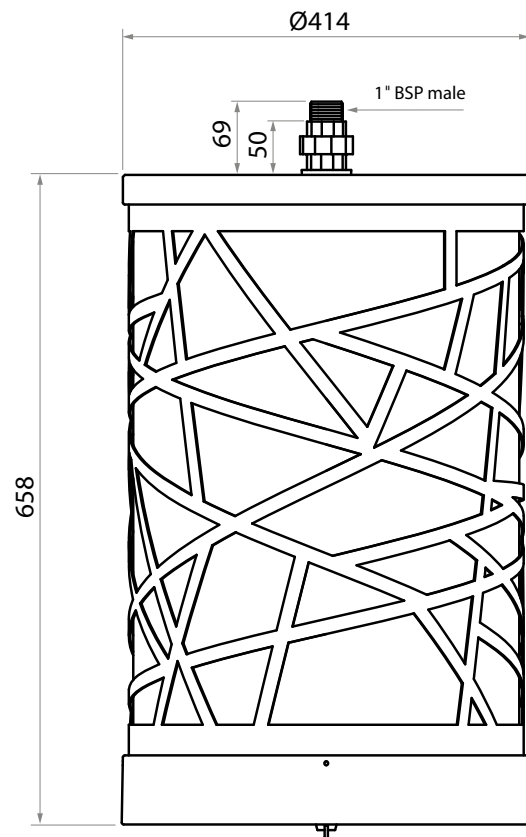|	
Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08

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

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Dimensions (mm)

Ø414

1" BSP male

69
50

658

Customization

Inlay of a customization element (logo, coat of arms of a city, decorative pattern) within the cage after a feasibility study by our technical service.

Backlighting projector: white 3000K, 4000K, red, blue, green or RGBW, colour wheel or DMX control.

Options

- 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.
- Backlighting projector: white 3000K, 4000K, red, blue, green or RGBW, color wheel or DMX control.

Ecodesign

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Sets proposals

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

8m

6m

A| LAMPION mega
NIKAIA 100
wall-mounted

4m

B| LAMPION mini
ROBORA 75
wall-mounted

2m

C| LAMPION mini
ROBORA 75
JIMA 400

D| LAMPION Glow
GRAFIA 70
JIMA 400

E| LAMPION mega
HELIS 100
CYL 350

Non-contractual visuals
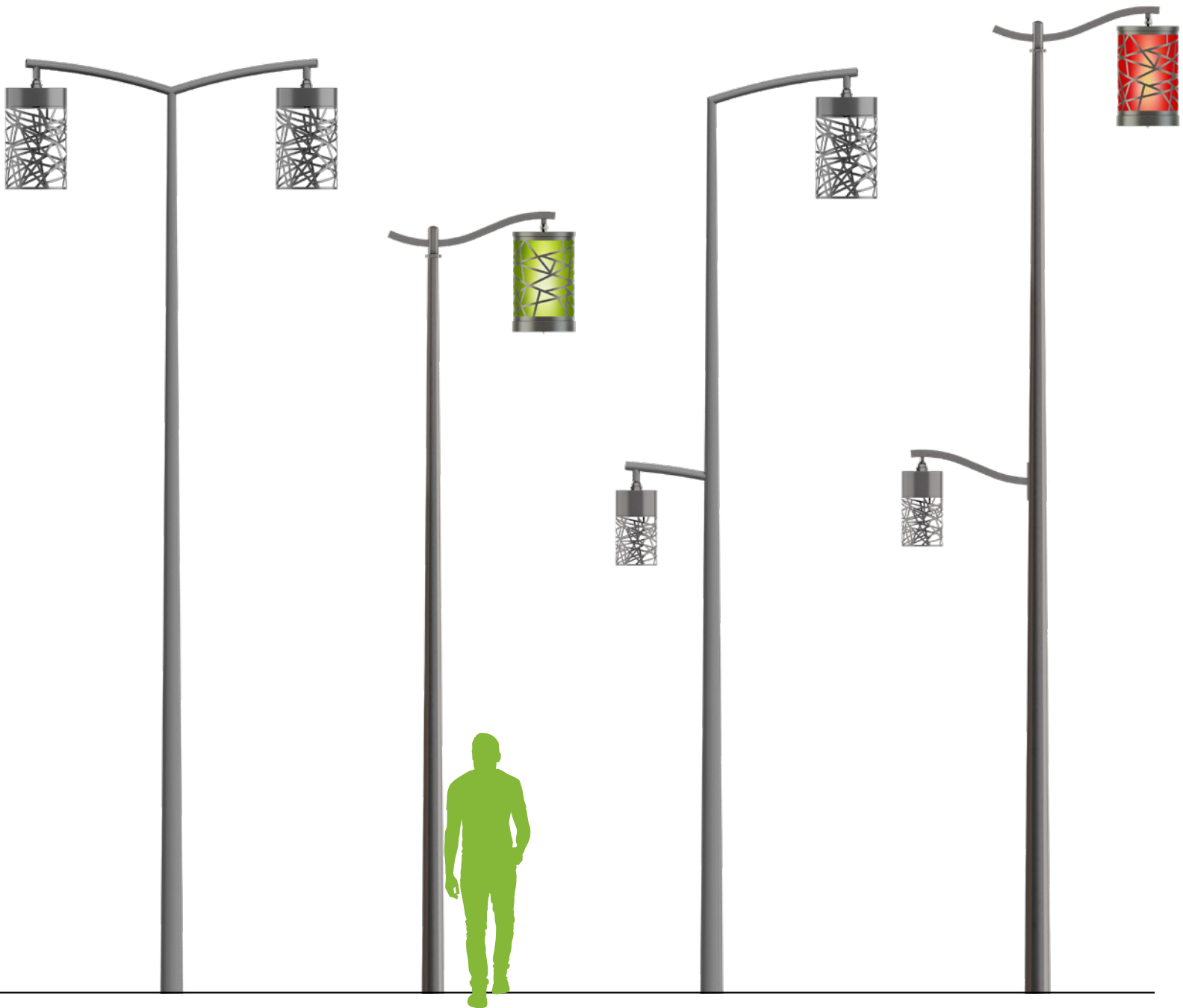
LAMPION
RANGE

F LAMPION mega
ROME 100
JIMA 500

G LAMPION Glow
THAURIUS 75
JIMA 500

H LAMPION mega
LAMPION mini
ROME 100 / 50
JIMA 600

I LAMPION Glow
LAMPION mini
THAURIUS 75
JIMA 650