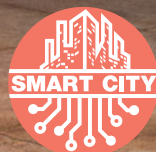


ARCHY



*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.



Design by
STUDIO F·A·PORSCHE

- ▶ **Smart City compatibility.**
- ▶ **Available in 1 light, 2 offset or symmetrical lights and circular ring.**
- ▶ **Dedicated spaces in the mast for numerous smart equipment.**

Dominating at a height of 7.5 m, the Archy range imposes the delicacy of its curves and seduces with its presence. Designed by the famous F.A Porsche studio, its body is made of aluminium. Its optical compartment in polycarbonate glass is IK08 and constitutes an IP66 sealed unit. Its profiled base is extended by lighting modules (1 or 2 lights for road lighting, 2 lights with pedestrian return or circular) ranging from 48 to 128 LEDs depending on the model allowing, 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. Voluntarily majestic, Archy offers total compatibility with all Zhaga standards and can accommodate various intelligent options as well as dynamic display, placing itself in effigy of Smart Lighting.

Range

8m

6m

4m

2m



ARCHY O
Circular ambiance lighting



ARCHY 1
Road lighting

ARCHY



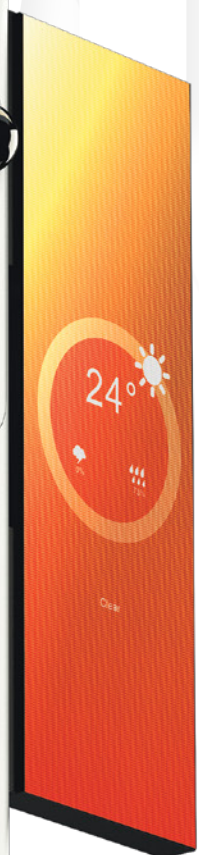
ARCHY 2
Road lighting



ARCHY 3
Road + pedestrian lighting

DESIGN | ARCHY

EMBEDDING



LED display

1 or 2 swivel LED display.

Entertainment - Information - Advertising

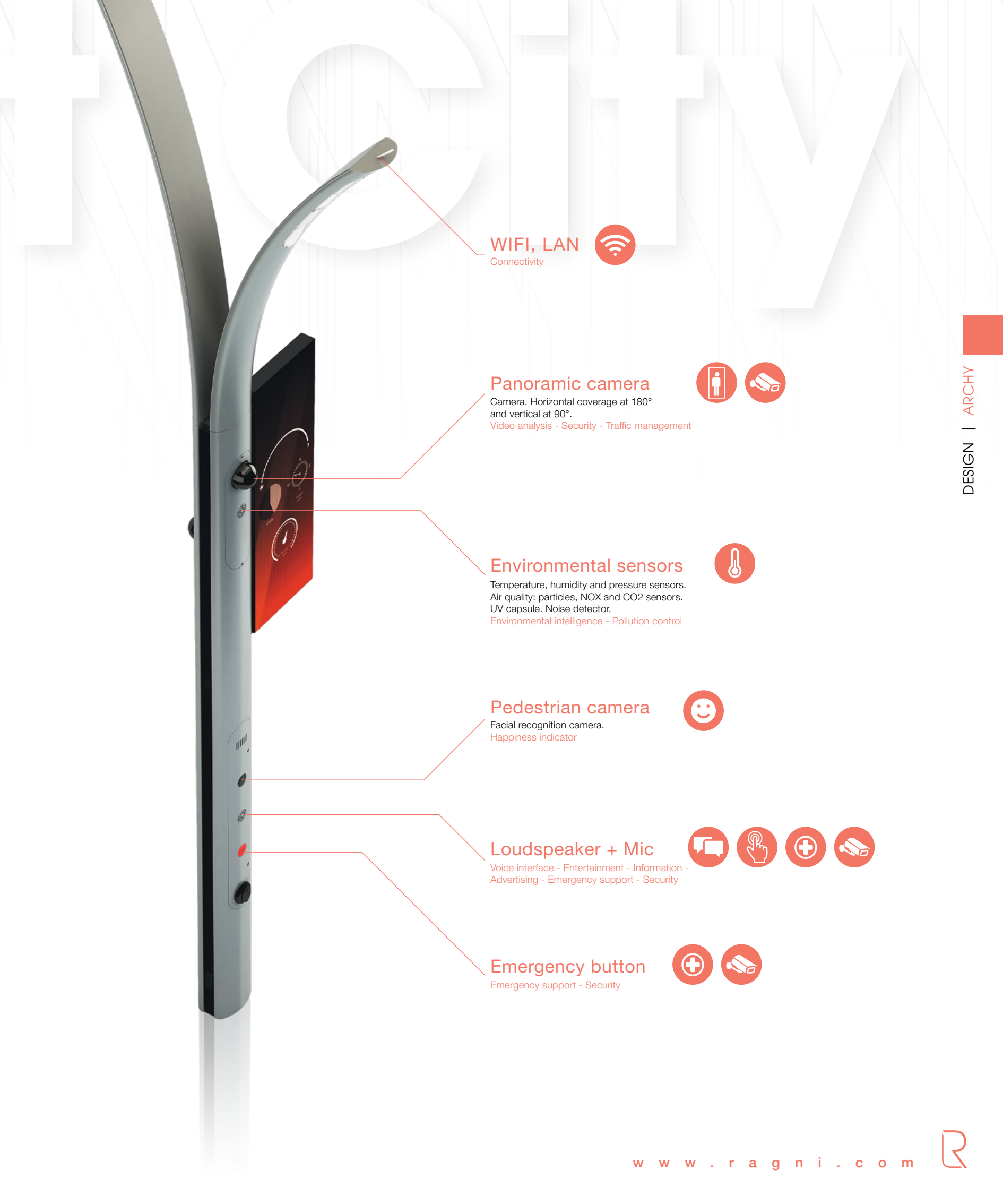


With its innovative design and elegant lines, the Archy range has been conceived to optimize the integration of elements dedicated to the smart city. The oval shape of its pole leaves a generous space for the incorporation of electronic systems giving access to services such as personal security, dynamic information, quality of life monitoring, access to the network or even the charging of electric vehicles. The upper and lower housings allow the placement of user interfaces or sensors according to the needs of accessibility or positioning. Hinged and secure access doors facilitate the installation of new equipment and ensure the evolution of the product over time.

Soft mobility and electric vehicle charging

Smart mobility





WIFI, LAN
Connectivity



Panoramic camera
Camera. Horizontal coverage at 180°
and vertical at 90°.
Video analysis - Security - Traffic management



Environmental sensors
Temperature, humidity and pressure sensors.
Air quality: particles, NOX and CO2 sensors.
UV capsule. Noise detector.
Environmental intelligence - Pollution control



Pedestrian camera
Facial recognition camera.
Happiness indicator



Loudspeaker + Mic
Voice interface - Entertainment - Information -
Advertising - Emergency support - Security



Emergency button
Emergency support - Security



ARCHY○

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight

358 kg

Materials

Aluminium



128 LED from 16750 to 22600 lm (dimming mini : 1675 lm). From 120 to 172 W, up to 125 lm/W. IES TYPE : V (roto-symmetrical). Cutoff. CIEN3 > 95%. Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR <1% (ULR: Upward Light Ratio).

Materials

Polycarbonate

Electric class

I and II

Protection index

IP66

Shock resistance

IK08

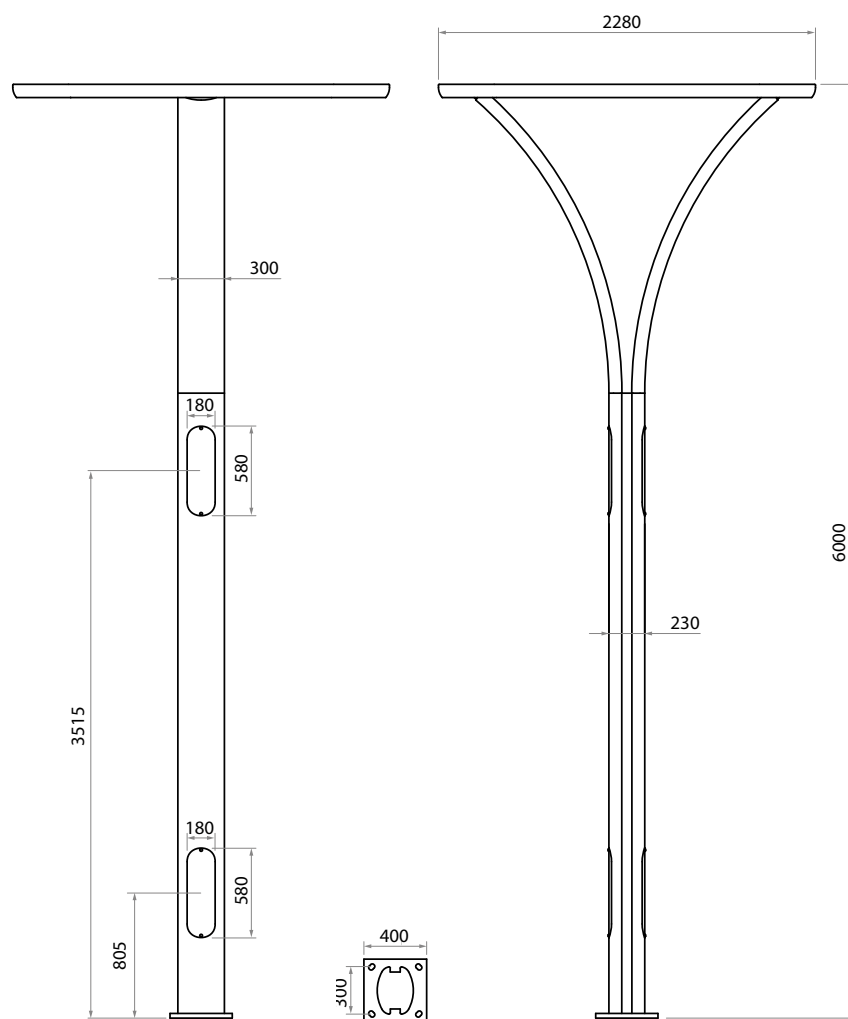
Operating temperature: -40°C to +35°C (up to +50° under conditions).

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



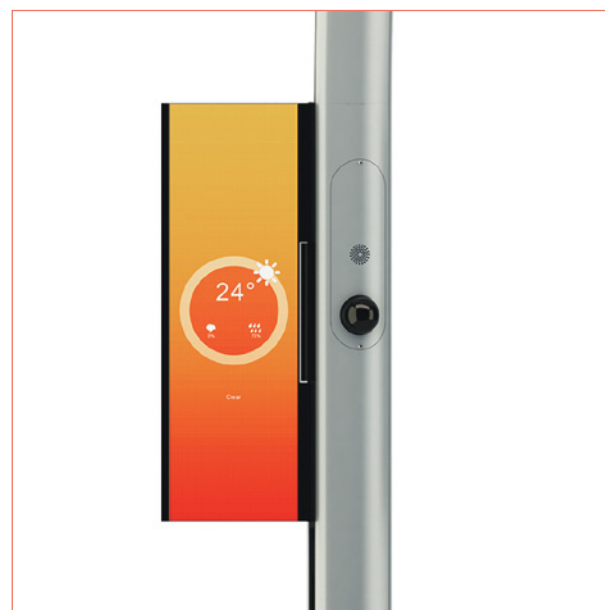
www.ragni.com

Dimensions (mm)



Options

- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.
- Smart city elements (camera, 1 or 2 swivel screens, microphone, environmental sensors, presence detector...).



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

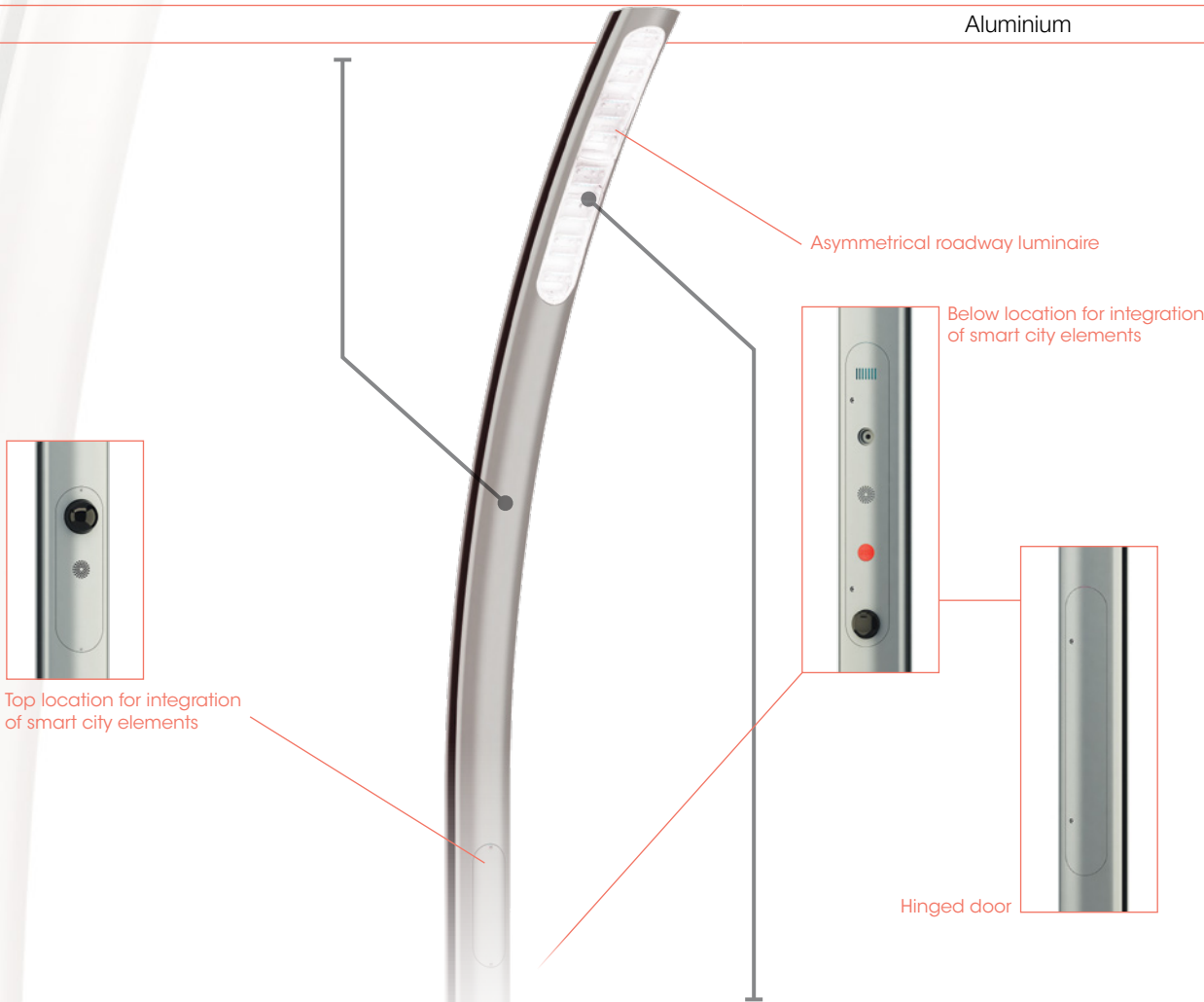
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ARCHY 1

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	262 kg
Materials	Aluminium



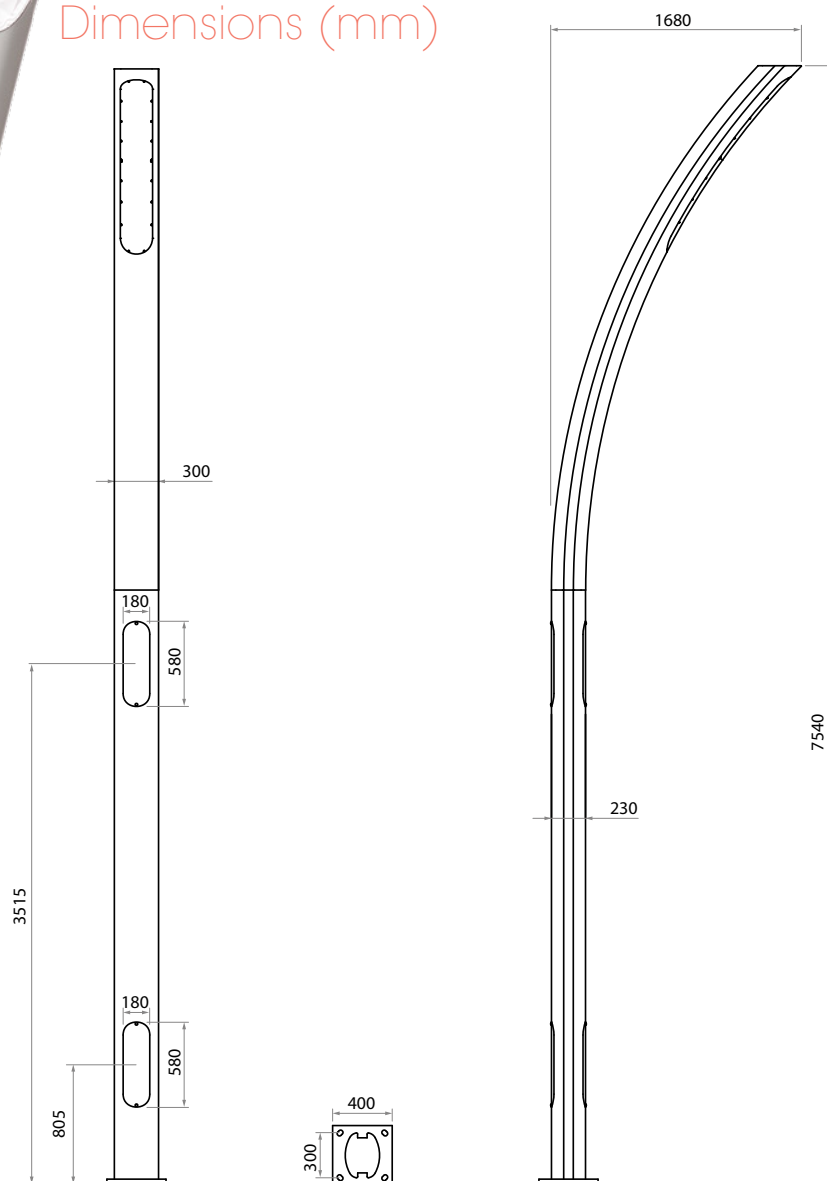
112 LED from 15200 to 20500 lm (dimming mini : 1700 lm). From 120 to 172 W, up to 125 lm/W. IES TYPE : III (asymmetrical road lighting). Cutoff. CIEN3 > 95%. Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR <1% (ULR: Upward Light Ratio).

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

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

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

Dimensions (mm)



Options

- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.
- Smart city elements (camera, 1 or 2 swivel screens, microphone, environmental sensors, presence detector...).



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

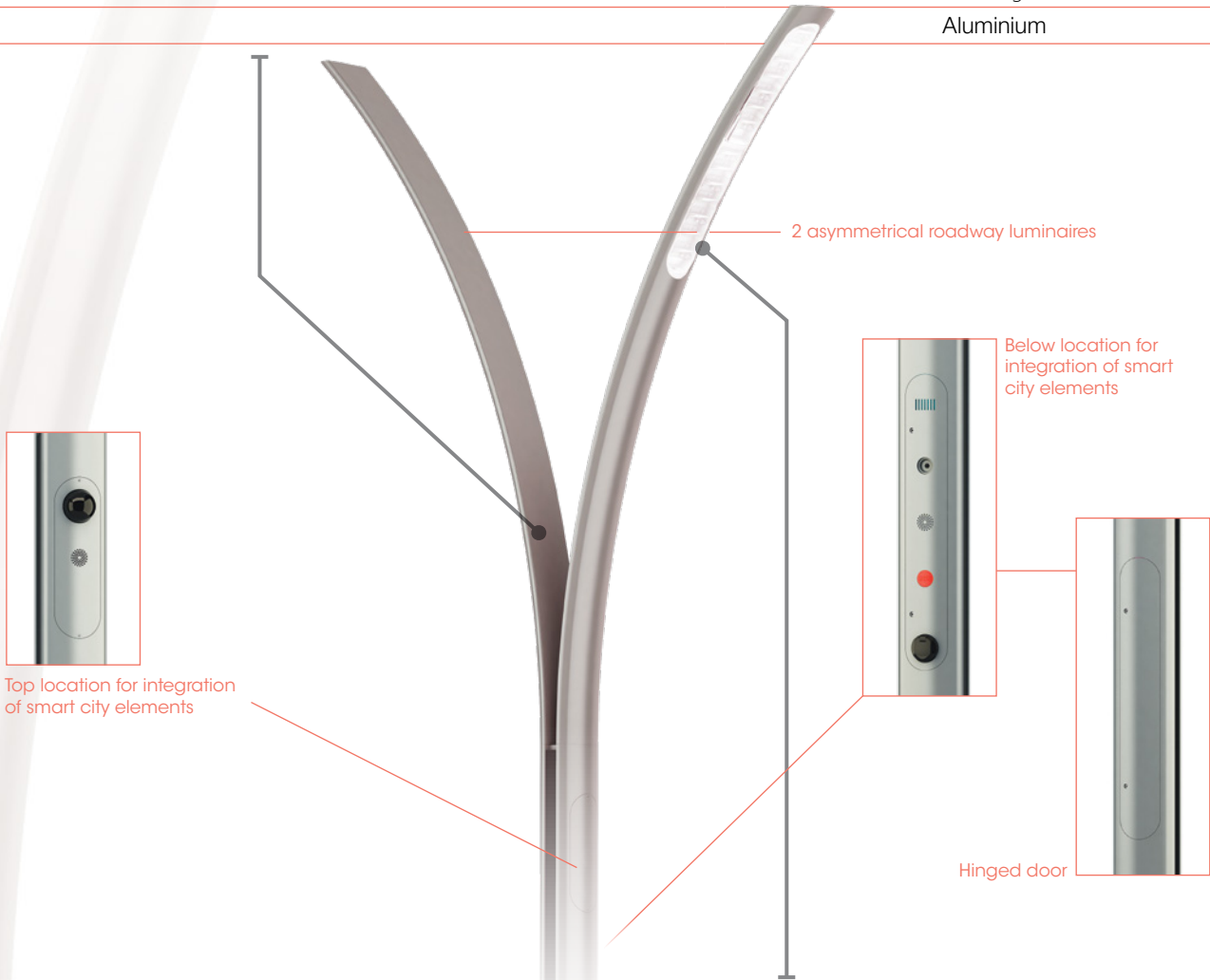
11/04/2022 - All informations are subject to change without notice.

ARCHY 2

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	351 kg
Materials	Aluminium



Optical unit & control gear

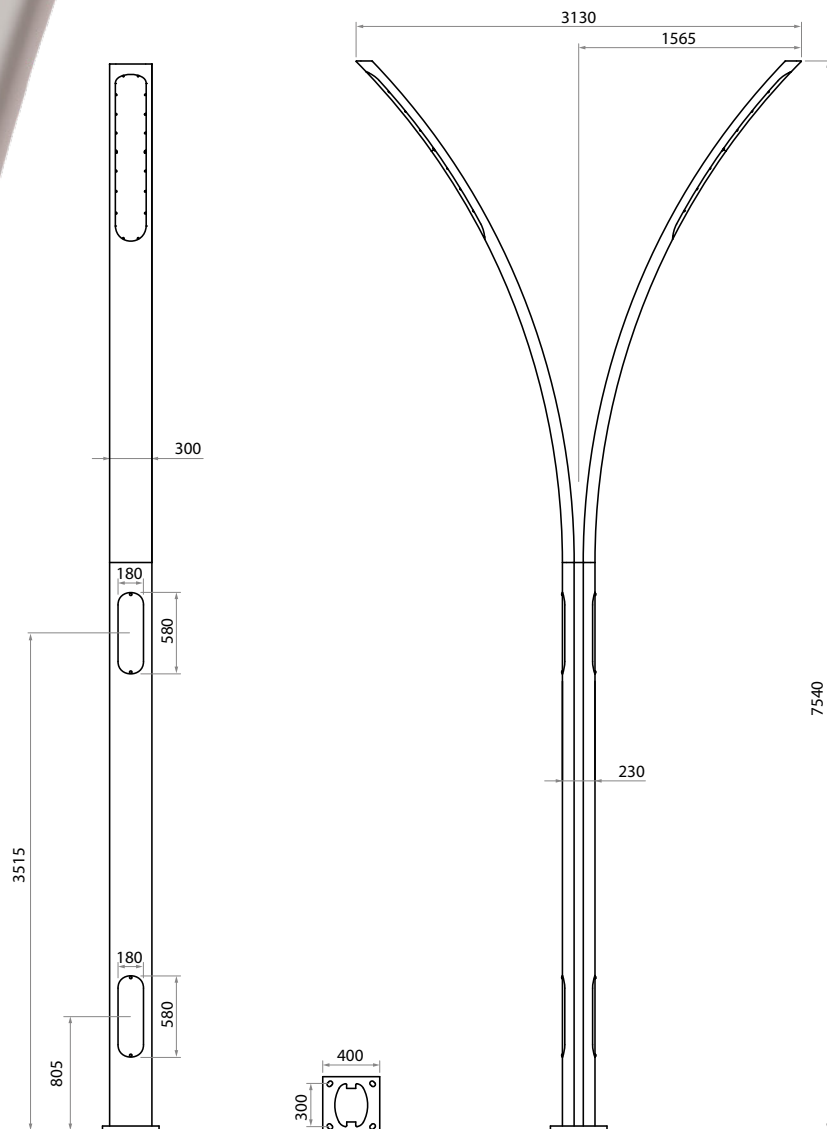
Two 112 LED luminaires from 15200 to 20500 lm (dimming mini : 1700 lm). From 120 to 172 W, up to 125 lm/W. IES TYPE : III (asymmetrical road lighting). Cutoff. CIEN3 > 95%. Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR <1% (ULR: Upward Light Ratio).

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

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

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

Dimensions (mm)



Options

- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.
- Smart city elements (camera, 1 or 2 swivel screens, microphone, environmental sensors, presence detector...).



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

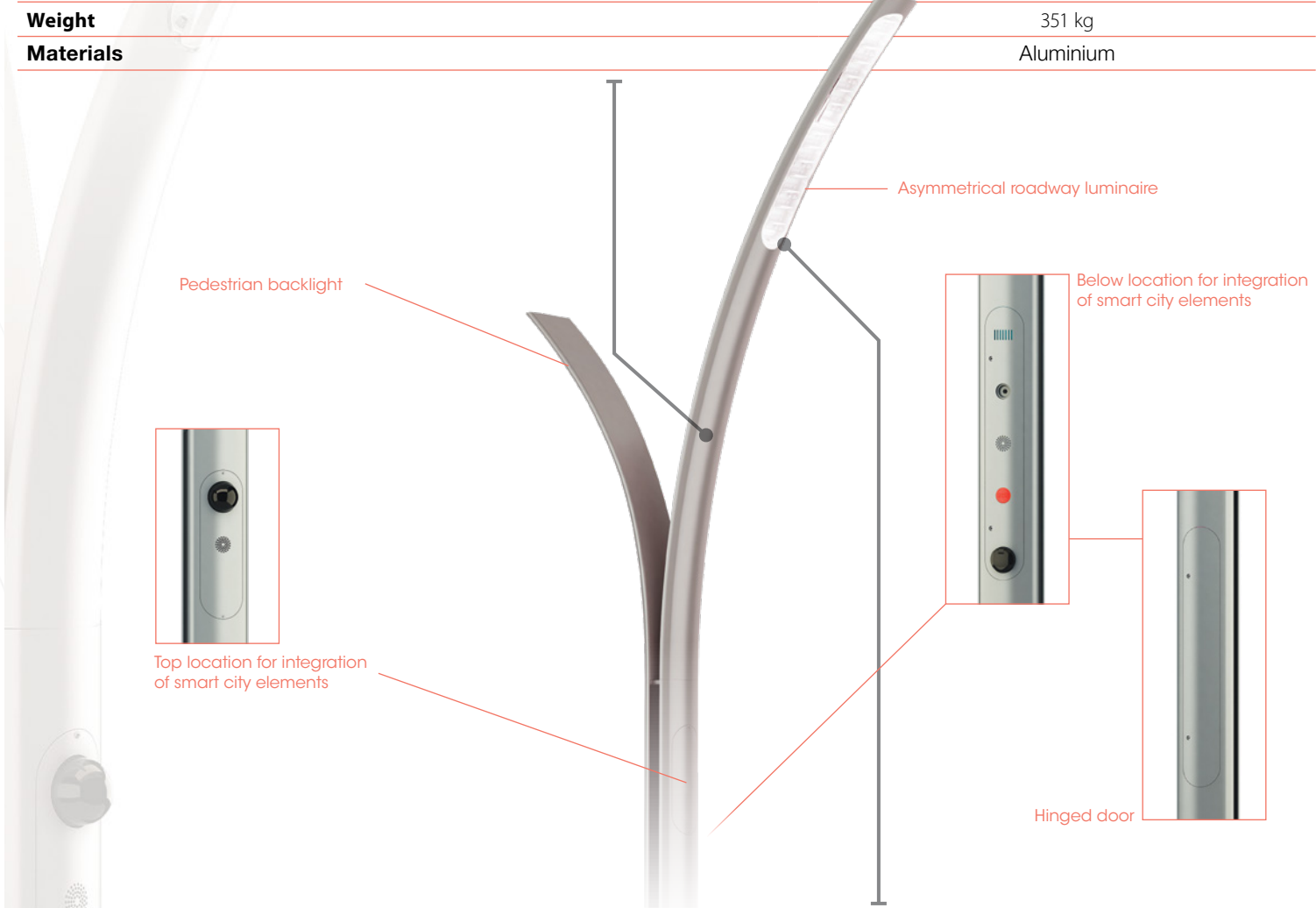
11/04/2022 - All informations are subject to change without notice.

ARCHY 3

LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Weight	351 kg
Materials	Aluminium



Optical unit & control gear

Road side: 112 LED luminaires from 15200 to 20500 lm (dimming mini : 1700 lm). From 120 to 172 W, up to 125 lm/W. IES TYPE : III (asymmetrical road lighting). Cutoff. CIEN3 > 95%. ULR <1%. Pedestrian backlight: 48 LED luminaires from 6500 to 8800 lm (dimming mini : 1675 lm). From 53 to 76 W, up to 125 lm/W. IES TYPE : III (asymmetrical road lighting). Cutoff. CIEN3 > 95%. Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR <1% (ULR: Upward Light Ratio).

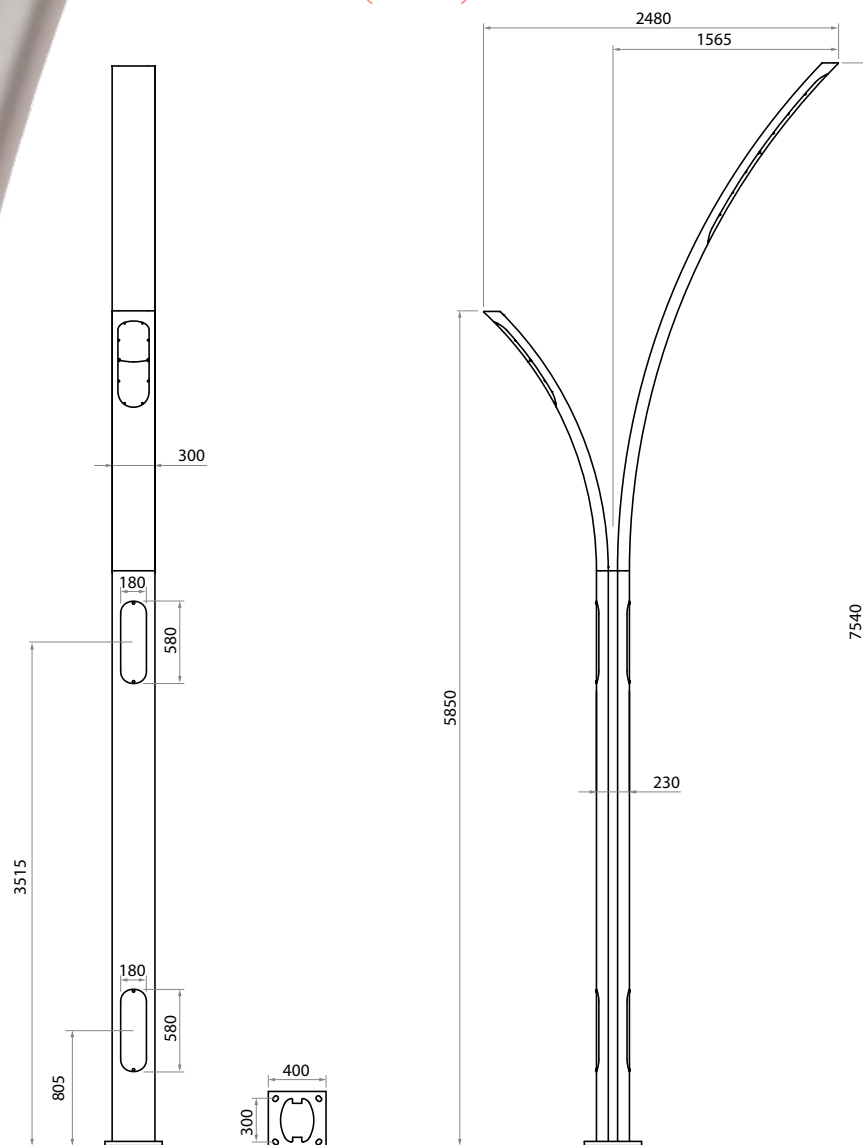
Materials	Polycarbonate
Electric class	I and II
Protection index	IP66
Shock resistance	IK08

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

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



Dimensions (mm)



Options

- Surge protector.
- Zhaga or Nema socket on top of the luminaire to connect OLC or photocell.
- Smart city elements (camera, 1 or 2 swivel screens, microphone, environmental sensors, presence detector...).



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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