# KANN

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

**Zhaga standard**

**IK10 IP66**

**1500 lm ⌄ 3700 lm**

\*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.

03/07/2023 - All informations are subject to change without notice.

▶ **Symmetrical lighting.**

▶ **Available in 3 sizes.**

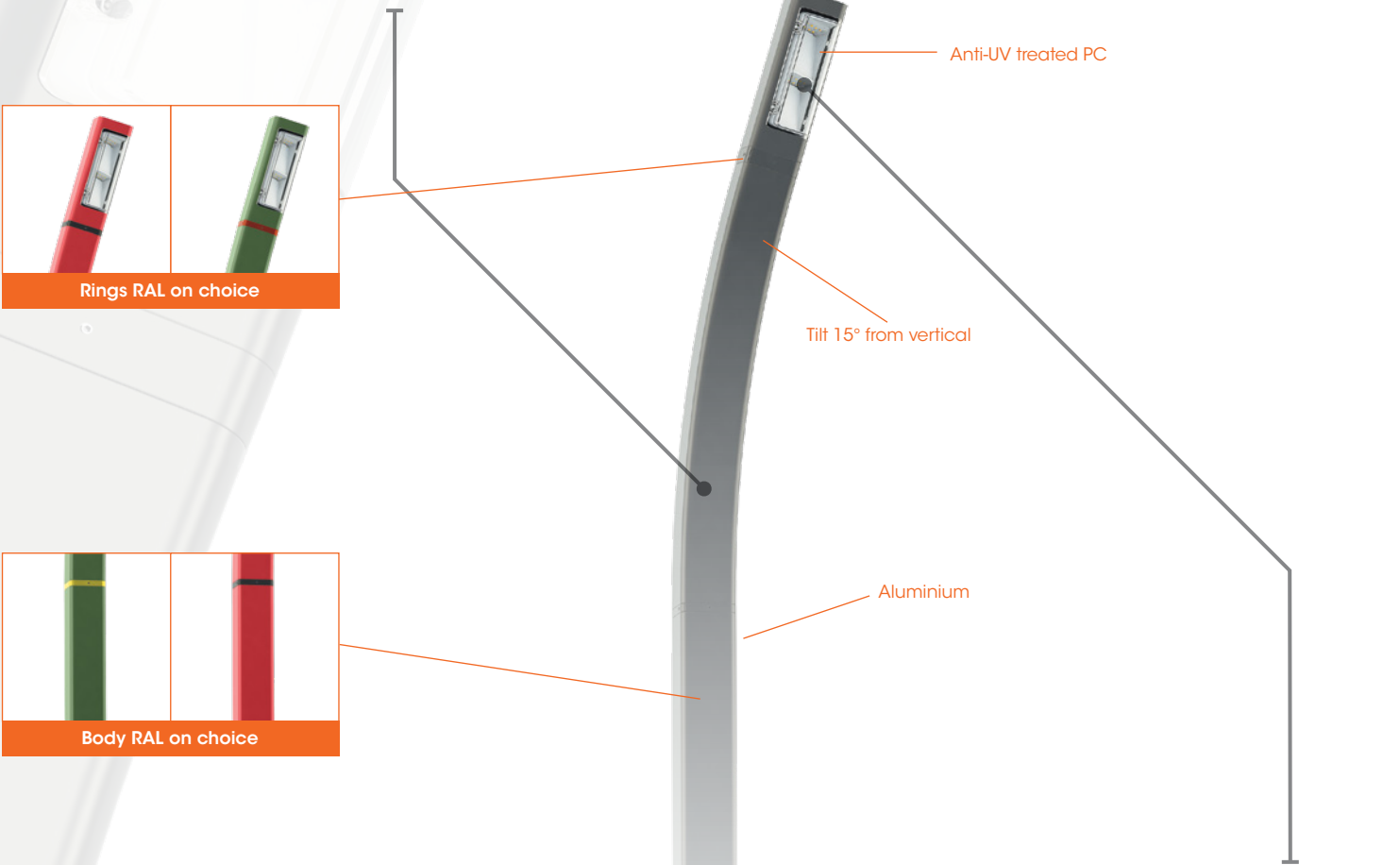▶ **Bouquet arrangement for circular lighting.**

**REGISTRED DESIGN**

Made of aluminum, Kann is a light column with curved lines. The inclination of the upper part brings a certain flexibility to the whole design. Available in three sizes, it has a polycarbonate glass with IK10 anti-UV treatment and an optimal IP66 sealing degree. The optical unit is equipped with 16 LED and allows, via a wide range of color temperatures and photometries, to precisely meet the lighting needs of the project. Alone or in a bouquet, it offers a wide choice of colors for the body's collumn or the decorative rings.

# KANN

BOLLARD'S SPECIFICATIONS

## Bollard's body & control gear

| | KANN 350 | KANN 450 | KANN 550 |
|---|---|---|---|
| **Height** | 3500 mm | 4500 mm | 5500 mm |
| **Weight** | 38 kg | 47.5 kg | 57 kg |
| **Materials** | | Aluminium | |

**Rings RAL on choice**

**Body RAL on choice**

Anti-UV treated PC

Tilt 15° from vertical

Aluminium

## Optical unit

16 LED module - From 1500 to 3700 lm (see attached Kann datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI).

| | |
|---|---|
| **Materials** | Anti-UV treated polycarbonate |
| **Electric class** | II |
| **Protection index** | IP66 |
| **Shock resistance** | IK10 |

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

# Dimensions (mm)

**Base plate**

300
200
22 x 33
180

Door-side marker bevel
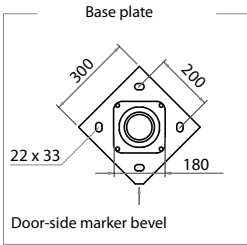
| Location | Concrete fondation size | | Moments and loads at ground level | | |
|---|---|---|---|---|---|
| | Sides (m) | Depth (m) | Shear force (daN) | Axial force (daN) | Bending moment (daN.m) |
| Metropolitan France | 0.4 x 0.4 | 0.7 | 189 | 79 | 527 |
| DOM / TOM | 0.4 x 0.4 | 0.8 | 278 | 79 | 777 |

532

5441

3496

802

110

401

**Rooted versions**

+50
50
150
425
1000
Cable passage
Corrosion protection

532

4447

2502

25

532

3441

1496
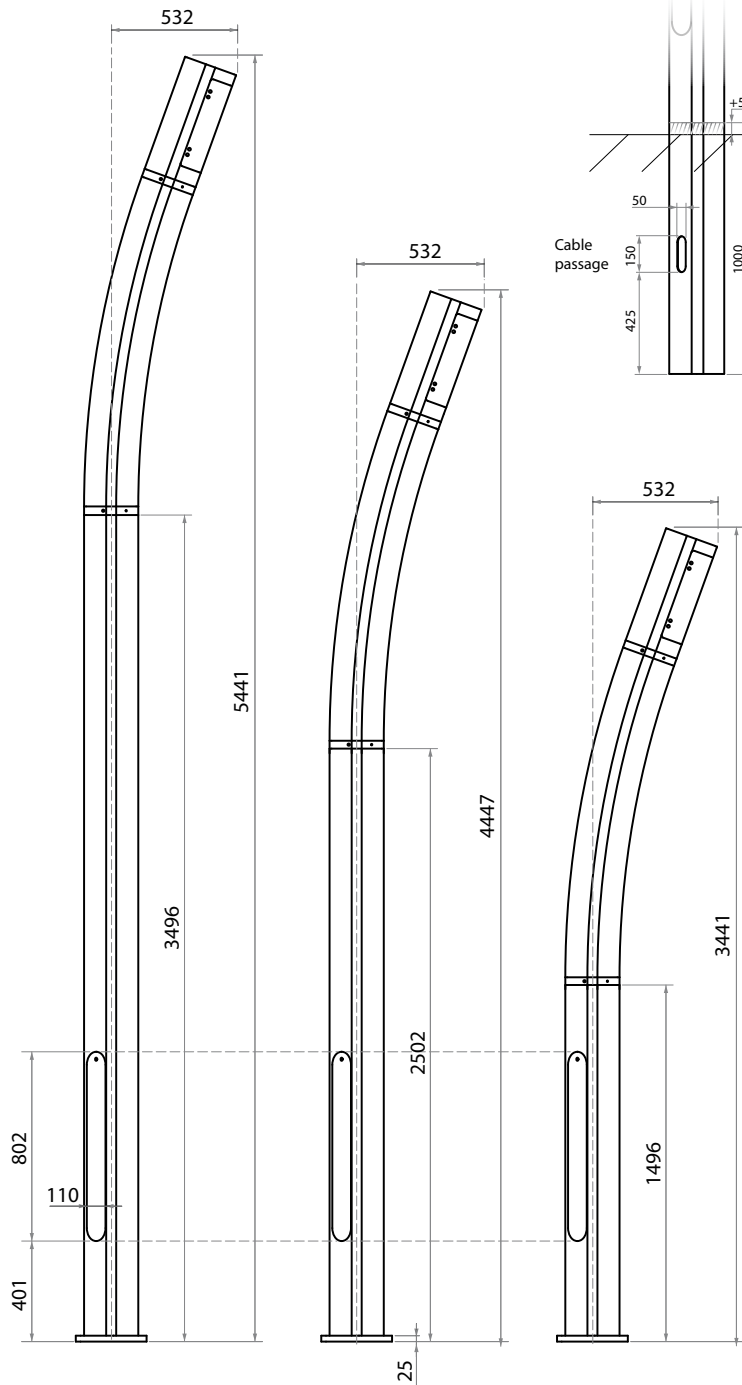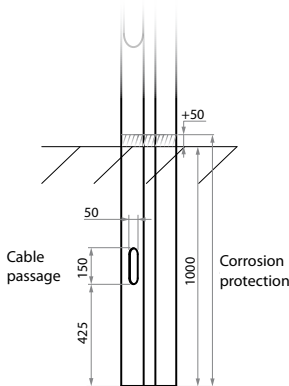
## Options

- Surge arrest.
- NTC sensor.
- 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 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.

ZHAGA Associate Member

WE SUPPORT UN GLOBAL COMPACT

CE

RoHS

ECOSYSTEM

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

## 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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