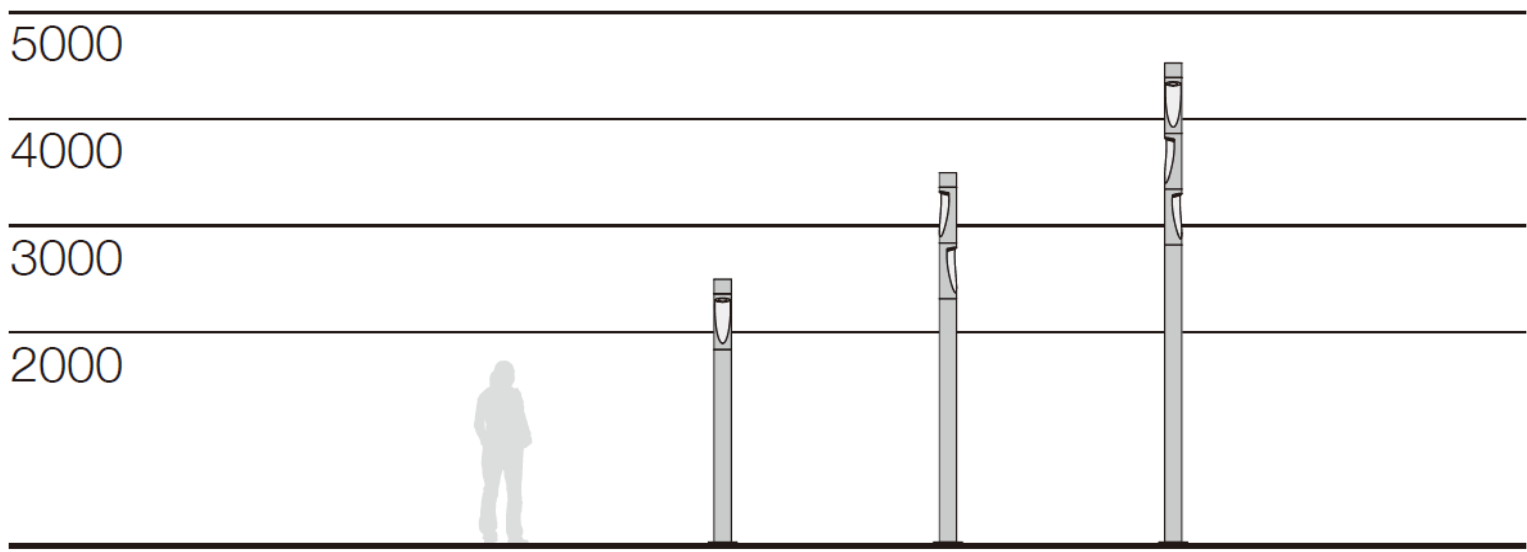


FILE COLUMN SNIK





DESCRIPTION:

The **Snik luminaire** is an innovative solution for the illumination of large outdoor areas. Featuring state-of-the-art LED technology, this modular bollard luminaire, available in different heights and with a contemporary design, delivers outstanding lighting performance and optimum energy efficiency while meeting the most demanding lighting standards. The Snik column is easily adaptable to a wide range of applications and environments.



- Extruded aluminum body with die-cast aluminum top cover.
- Super White tempered glass diffuser.
- 0-10V / DALI driver, factory programmed.
- Surge protection up to 10 kV.
- Indirect LED lighting system providing high visual comfort.
- UV-resistant and corrosion-resistant polyester powder coating.
- Maximum surface temperature of all accessible parts below 50°C.
- No photobiological risk (no hazards associated with infrared, blue light or UV radiation) in accordance with EN 62471:2008.
- External fasteners manufactured from AISI 304 stainless steel

STANDARDS AND APPLICATIONS

- | | | |
|---------------------------|----------------------|------------------|
| • EN 60598-1:2015 | • EN 61000-3-3: 2013 | • EN 61547: 2009 |
| • EN 62493: 2010 | • EN 62262: 2002 | • EN 13032-4 |
| • EN 55015: 2013 | • EN 60598-2-3:2003 | • EN 62471: 2008 |
| • EN 50102:1995 + A1:1998 | • EN 61000-3-2: 2014 | • EN 61347-1 |
| • EN 61347-2-13 | | |

Specially efficient in:

- | | |
|-----------------|---------------------|
| • Sidewalks | • Pedestrian Areas |
| • Parks | • Commercial Areas |
| • Gardens | • Residential Areas |
| • Natural walks | • Rest Areas |

CHARACTERISTICS

Electrical Characteristics

- Supply voltage..... 230 Vac
- Supply frequency.....47-63 Hz
- Power factor.....>0.97
- Electrical class..... Class I / Class II
- Programmable current..... 0.2 – 1 A
- LF output current ripple..... <4%
- Constant Light Output (CLO)..... Available
- Power..... 50 / 100 / 150 W
- Surge protection..... 6 kV (driver), optional 10 kV
- Thermal protection..... Self-protected driver
- HF output current ripple..... <4%
- Operating temperature..... -40°C to +55°C
- Driver diagnostics..... Active
- Driver lifetime..... 100,000 hours
- Current regulation..... Amplitude Modulation (Flicker-Free)

Mechanical Characteristics

- Material...Corrosion-resistant aluminum alloy
- Optics..... Polycarbonate / PMMA
- Weight..... According to model
- colour..... RAL 9007
- Diffuser..... Polycarbonate (PC)
- Installation.....Bollard
- Mounting system..... Anchor bolts
- Wind-exposed surface area.....According to model

Dimming and Control

- Dimming..... 1-10 V / DALI
- Autonomous programming.....Up to 5 steps
- Point-to-point control..... Compatible
- Centralized dimming..... Optional (AmpDim)
- Control line..... Optional
- Bluetooth dimming..... Optional

Options

- SRI.....Yes
- Surge Protections.....Yes
- Connector..... Nema / Zhaga
- Sensors.....Yes

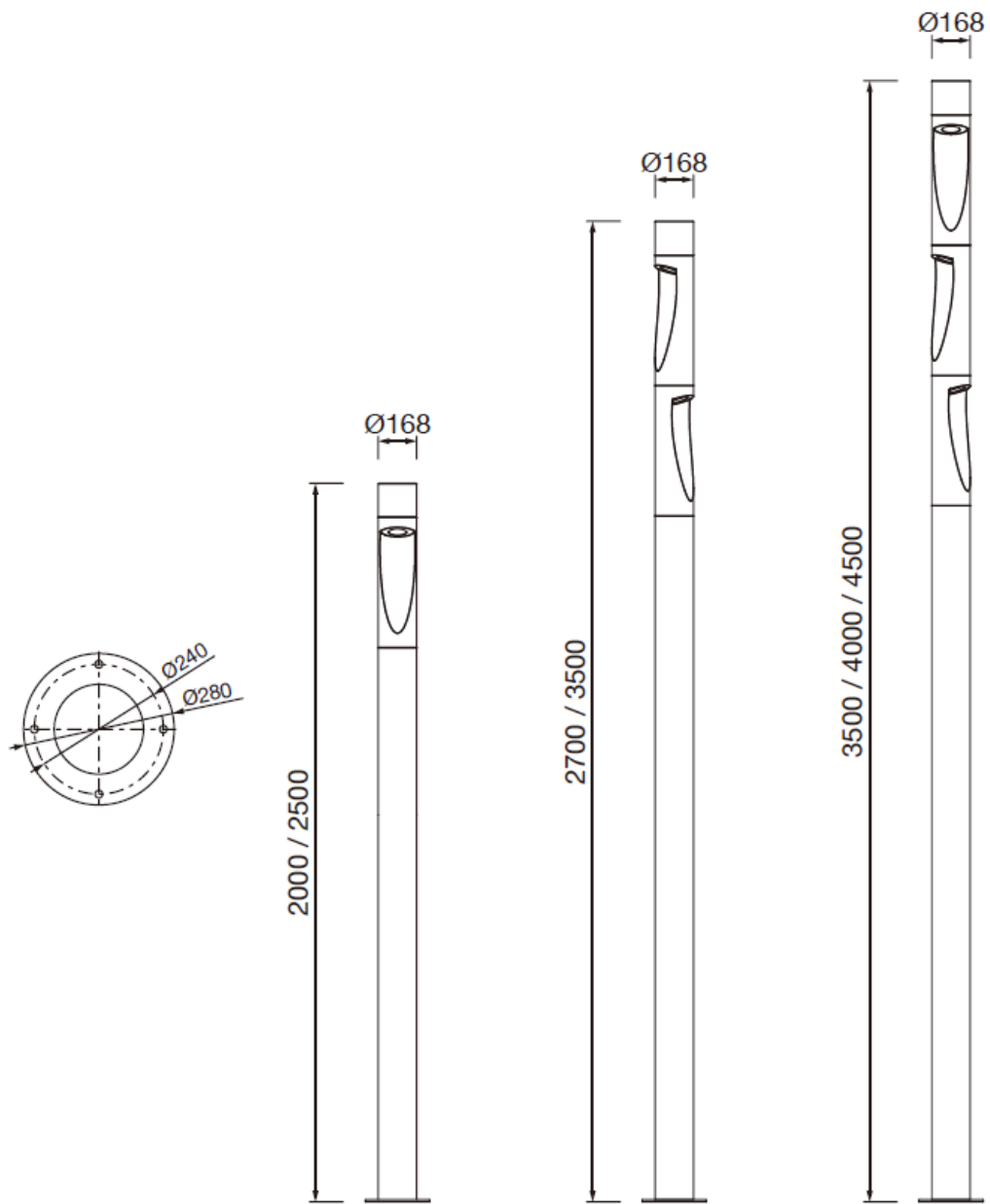
Photometric Characteristics

- Number of LEDs..... 18-36-54 LEDs
- Luminous efficacy..... 100 lm/W
- CRI..... CRI >70 / CRI >80
- Modularity.....Compatible with Zhaga Book 15
- Protection..... Yes
- LED lifetime..... >100,000 hours
- Color temperature..... 3000K / 4000K
- Overtemperature protection... NTC 15 kOhm + 2000 Ohm
- Lumen maintenance..... Linear Constant Light Output (CLO) programming over time

* The photometric values shown are subject to slight variations resulting from configuration factors such as the optics used in the luminaire or the operating temperature.

** Columns are manufactured to order and can be customized in RAL finish, height and lighting configuration. Please consult the factory for available options.

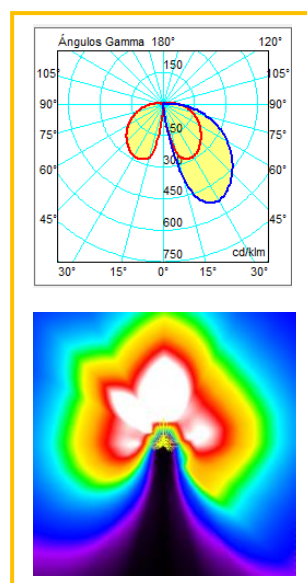
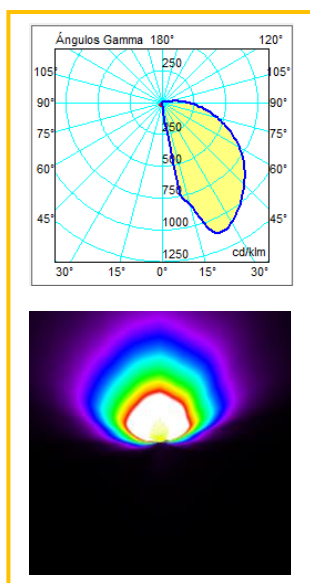
DIMENSIONS



WEIGHTS AND WIND-EXPOSED SURFACE AREA

	SNIK 1	SNIK 2	SNIK 3
WEIGHT	25.5 kg	27 kg	29 kg
WIND EXPOSED SURFACE AREA	0.42 m ²	0.588 m ²	0.758 m ²

OPTICAL DISTRIBUTIONS



LIGHTING CONFIGURATION

	SNIK 1	SNIK 2	SNIK 3
Power (W)	50	100	150
Lumens Flux (lm)	5000	10000	15000
Efficiency (lm/W)	100	100	100

