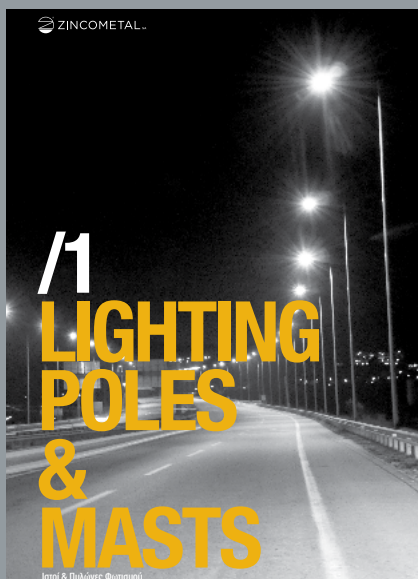


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[/ products / ZINLUX luminaires / street lighting](#)

PRODUCT NO:

DESCRIPTION:

IMAGE



ZINLUX
CAPRI LED



ZINCOMETAL S.A. is constantly developing and improving its products. For this reason, all product descriptions in this catalogue are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. Regarding the validity of the International Standards it is considered always the oldest edition.

Stay tuned with the company by signing up in ZINCOMETAL's Newsletter (www.zincometal.gr) and Social Media.

1.1.2. Modern Architecture

ZINLUX Capri LED**Product family CAPRI****Image 1**

Modern architecture ZINLUX Capri LED luminaire in combination with decorative pole of round conical section and decorative bracket BP 104 from ARMONIA Collection.

**Image 2**

Side view of ZINLUX Capri-S luminaire with fixed bracket

**Image 3**

Side view of ZINLUX Capri-S luminaire with adjustable bracket



Image 4

Side view of
ZINLUX Capri-M luminaire

**Image 5**

Side view of
ZINLUX Capri-L luminaire



Application The luminaire is ideal for street lighting for roads & highways and urban lighting applications such as squares and pedestrian areas, parks, urban roads and streets etc.

Technical features Body & Cover made of die-cast aluminium. The luminaire ZINLUX CAPRI LED based on the external dimensions can be divided in three categories Capri-S (380x190x62mm - fixed bracket, 530x220x78mm - adjustable bracket), Capri-M (250x628x80mm) and Capri-L (280x780x105mm).

Polyester powder coating for resistance to corrosion and for optimum protection against harsh environments and seaside areas.

Diffuser tempered glass of flat form, 4mm thickness, featured by high transparency, resistant to impact and thermal shock. It's sealed with silicone rubber gasket.

The innovative lenses provide optimal optic performance and durability.

The special cooling system (heatsink) is made of high quality aluminium alloy, which helps the effective heat management in order to ensure the proper operation and to maximize the lifetime of LEDs.

The power supply is adjusted in a special removable plate. It has high surge, overheating and overload protection and a choice of 1...10V / DALI dimming interface.

All the electrical connections are done with cables of silicone insulation with high thermal resistance more than 120°C.

The luminaire is equipped with high surge protection of up to 10kV.

There is an option for automatic temperature control NTC-Themistor and an option of a system in which the operation of the LEDs not being interrupted in case of the outage of one of them.

Connection with the network



For the connection with the network the luminaire has an external flexible cable with high mechanical strength and resistant to weather and UV radiation. Complete with special connector IP66/68 for quick installation (plug n play).

Additional features:

- Waterproof and dustproof protection: IP66
- Mechanical Impact: IK08
- Electrical Insulation: Class II

Power versions

LED 20-150W

The luminaire incorporates leading-edge LED technology.

Correlated Color Temperature
(CCT)

Color temperature is Neutral White 4000K.

Possibility of choice of correlated colour temperature (CCT) according to customer needs

Mounting

The luminaire due to special bracket can be adjusted in graduated scale of the inclination in relation to the road surface. Post-top or side-entry mounting with diameter $\Phi 60\text{mm}$. Also the Capri - S luminaire has one more option for side - entry mounting with fixed bracket $\Phi 60\text{mm}$

Maintenance

It designed for easy and safe maintenance.

In order to have easy maintenance and complete thermal isolation of heat emissions, the compartment of the control gear and all the electrical connections are separated from the optical system.

Colors

Cover: Pearl light grey - RAL 9022

Body: Signal black - RAL 9004

Light pollution

The ZINLUX Capri LED luminaire has been designed with "CUT-OFF" system, with its classification of luminous intensity for the limitation of the upward dispersion of light flux.

Regulations - Approvals

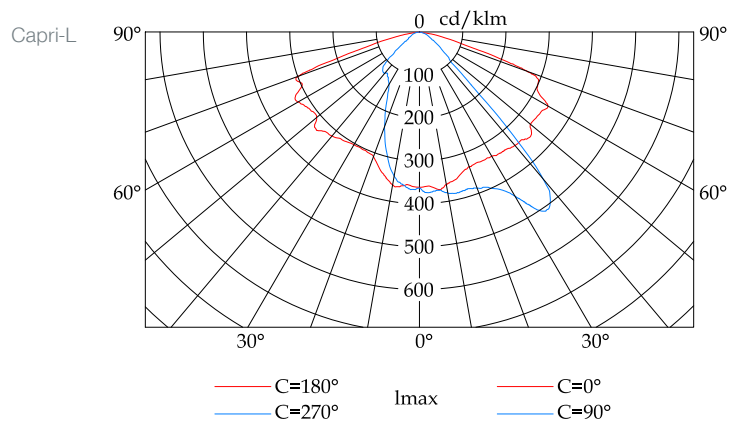
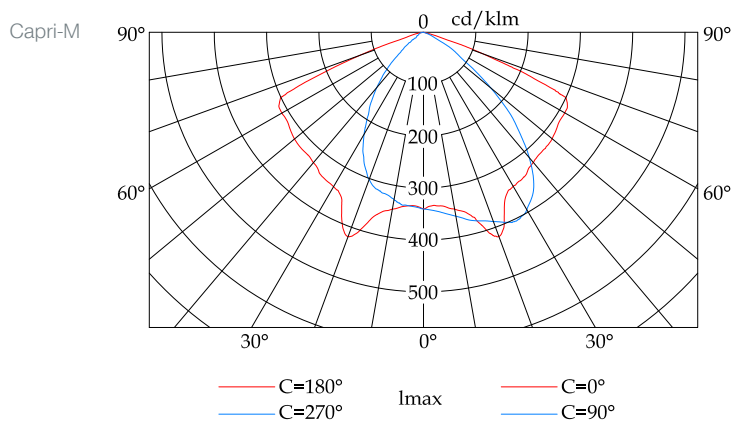
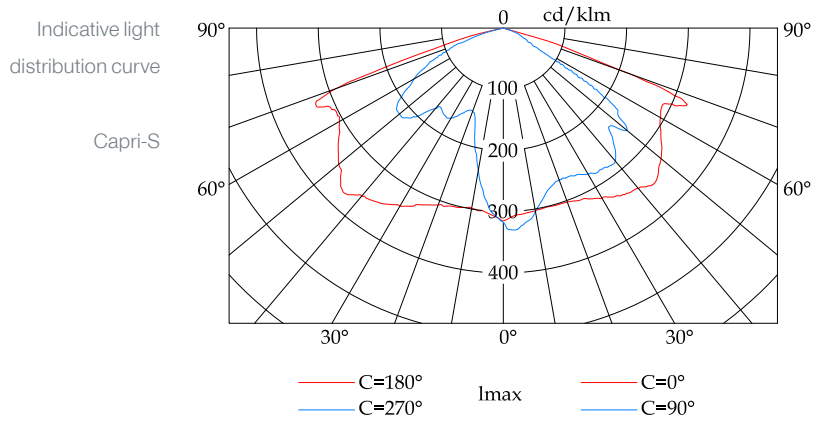
Manufactured according to European Directives and Standards and has CE, ENEC Certificate.

Additional information:

EN 62471 Photobiological safety of lamps and lamp systems

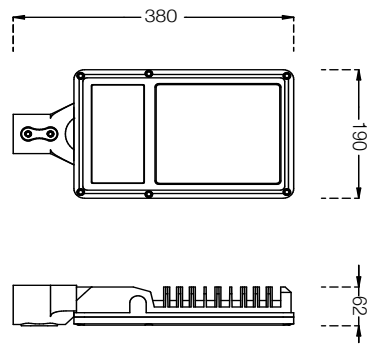
EN 62031 LED modules for general lighting - Safety specifications

Light distribution curve Photometric Reports (Cd/1000lm).



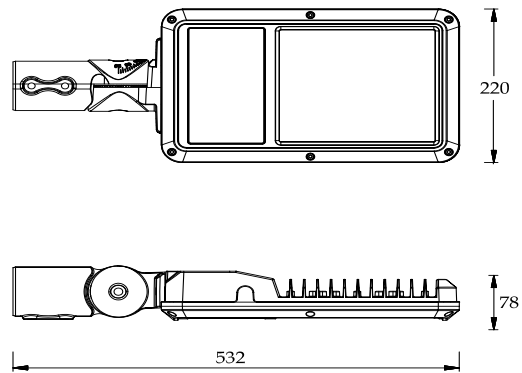
Dimensional drawings
Capri-S
with fixed bracket

Weight: 3.20kg
Windage: 0.019m²

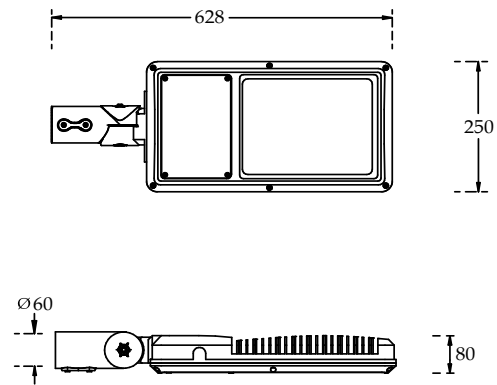


Capri-S
with adjustable bracket

Weight: 4.40kg
Windage: 0.029m²



Capri-M Weight: 6.70kg
Windage: 0.037m²



Capri-L Weight: 11.70kg
Windage: 0.061m²

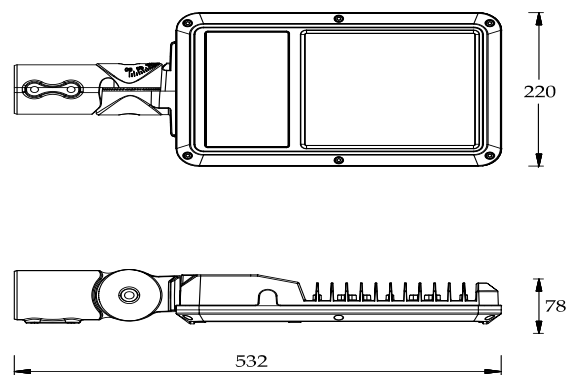


Table of Urban Lighting Luminaires - LED technology

ZINLUX Capri LED

Code		Rated power	No LED	Luminous flux	Color temperature	Ideal for poles
		W	pcs.	LED flux (Lm @ T _j =25°C) ¹	K	m
Capri-S	L- CAPRI-S/LD	20	12 - 16	2716	4000 (Neutral White)	3.00-4.00
		30		3605 - 3807		4.00-5.00
		40		5621		
Capri-M	L- CAPRI-M/LD	30	24 - 32	4470 - 4957	4000 (Neutral White)	4.00-5.00
		40		5893 - 6344		5.00-6.00
		60		7627 - 8459		6.00-7.00
		80		10169		7.00-9.00
Capri-L	L- CAPRI-L/LD	60	48 - 60	8940	4000 (Neutral White)	6.00-7.00
		80		10864 - 11787		7.00-9.00
		100		13565 - 14735		9.00-10.00
		120		15260 - 16956		10.00-12.00
		150		19068		

¹Rated data from LED manufacturer datasheet.

Additional data

Rated voltage: 220-240V AC, Input frequency: 50/60Hz, LED source efficacy: 158 lm/W @ 350mA, T_j=25 °C, Power factor (p): >0.92, THD: <20%, Rated Color Rendering Index CRI ≥70, Temperature of working conditions: -30°C up to +60°C, Humidity of working conditions: 10% - 90%, Rated life: >60000hrs.

Because of rapid technological development of LED, the above information contained in this document may change without notice. They should be confirmed in case of order.

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zin
lux
lighting

The logo for Zin Lux Lighting consists of a stylized light fixture icon, resembling a dome or a lamp, with a small circle above it. To the right of the icon, the words "zin", "lux", and "lighting" are stacked vertically in a lowercase, sans-serif font.

hellenic griglia

The logo for Hellenic Griglia features a stylized globe icon composed of a grid of small squares. To the right of the icon, the words "hellenic" and "griglia" are stacked vertically in a lowercase, sans-serif font.