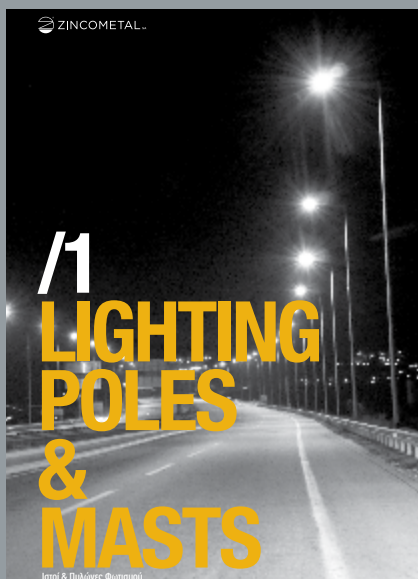


PRINTED CATALOGUE



WEBSITE LINK

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

PRODUCT NO:

DESCRIPTION:

IMAGE



ZINLUX Elite 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.

1.1.14. ZINLUX Elite LED

Product family ELITE

Image 1

Street LED luminaire
ZINLUX Elite LED

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 -smart design- made of high quality die-cast aluminium.

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

The innovative lenses provide optimal optic performance and durability.

To ensure proper operation and to maximize the lifetime of the LEDs there is a special cooling system (heatsink) made of high quality aluminium alloy which is being integrated into the body of the luminaire.

The driver of the luminaire is being installed on a special removable plate. It has high surge, overheating and overload protection. Dimming interface 1..10V/0..10V (optional).

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

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

Additional features:

- Waterproof and dustproof protection: IP66
- Mechanical Impact: IK10
- Electrical Insulation: Class I

Power versions LED 30 - 120W

The luminaire incorporates leading-edge LED technology of Philips.

Correlated Color Temperature (CCT)

Color temperature is Neutral White - 4000K. Optional choice of Correlated Color Temperature (CCT) according to customer needs (Warm White - 3000K).

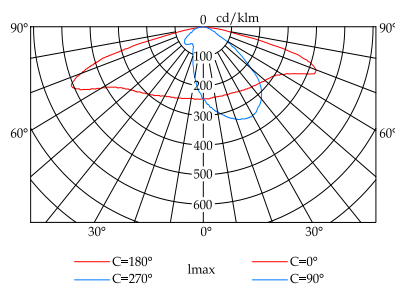
Mounting	Side-entry with fixed bracket $\Phi 60$ mm. Additional -optional- accessory of a special adaptor which can be adjusted in graduated scale of the inclination in relation to the road surface $\Phi 60$ (side-entry, post-top).
Smart street lighting system	ZINCOMETAL can provide a total solution for smart street lighting system (PLC, Wireless RF/NEMA, Hybrid) which meets the requirements of «smart cities» in order to improve the energy footprint and to reduce the energy consumption and the operating costs.
Maintenance	It designed for easy and safety maintenance.
Colors	Deep Grey Aluminium - RAL 9007
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).

Indicative light distribution curve



Dimensions Weight: 2.30kg
Windage: m²

Elite-M

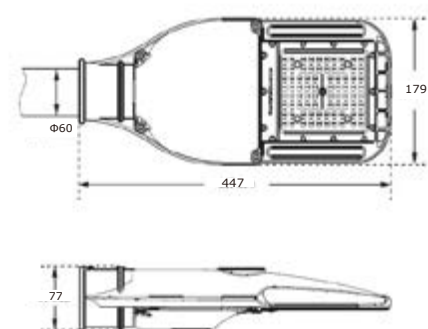


Table of Street Lighting Luminaires - LED technology

ZINLUX Elite LED

Code		Rated power	No LED	Luminous flux	Color temperature	Ideal for poles ²
		W	pcs.	LED flux (Lm @ T _j =25 °C) ¹	K	m
Elite-M	L- Elite-M/LD	30	-	3926 - 4500	4000 (Neutral White)	3.00-5.00
		40		5256 - 6000		
		60		7500 - 7632		5.00-7.00
Elite-L	L- Elite-L/LD	60	-	8400 - 9180	4000 (Neutral White)	6.00-8.00
		80		11520 - 12480		8.00-10.00
		100		13700 - 14600		
		120		18240		10.00-12.00

¹Rated data from LED manufacturer datasheet.²The above heights are indicative and are adjusted according to the requirements and characteristics of each project.**Additional data**

Rated voltage: 220-240V AC, Input frequency: 50/60Hz, LED source efficacy: 180 lm/W, Power factor (p): >0.92, THD:

<20%, Rated Color Rendering Index CRI ≥70, Temperature of working conditions: -30°C ≤ ωs +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.

Copyright © 2021 - All rights reserved ZINCOMETAL S.A.

All rights reserved.

Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent or other industrial or intellectual property rights.



www.zincometal.gr

Δ. 10ο χλμ. Κιλκίς-Πολυκάστρου
61100 Κιλκίς, τ.θ. 21
ΑΔ. 10th km. Kilkis - Polikastro
P.C. 61100 Kilkis, Greece

T. +30 23410 75651-3
+30 23410 71581
F. +30 23410 71734

E. info@zincometal.gr
WEB. www.zincometal.gr

