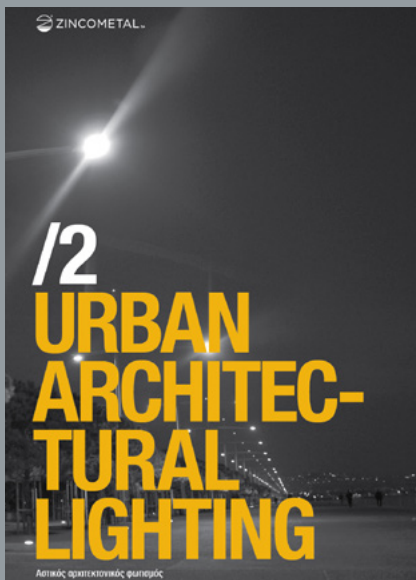


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WEBSITE LINK

[/ products / lighting poles & masts / architectural lighting poles](#)

PRODUCT NO:

DESCRIPTION:

IMAGE



CRETA Collection



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.

1.0. Decorative Steel Lighting Poles

Introduction Decorative steel lighting poles are separated into a range of categories according to their type of cross-section, decorative bases and their accessories, which are adjusted to suitable brackets in order to bring in the desirable aesthetic result.

These categories consist of:

- ARMONIA Collection is composed of decorative conical steel lighting poles of circular cross-section. If it is necessary, decorative brackets are fit.
- SANTA Collection is composed of decorative straight steel poles of circular cross-section and decorative scissile die-cast aluminium base.
- PLAZA Collection is composed of decorative straight, stepped or striped lighting poles of square cross-section.
- CRETA Collection is a combination of steel round conical and straight cylindrical shafts with decorative die-cast aluminium or cast-iron connectors and accessories.
- CITY Collection is a combination of stepped steel lighting poles of circular cross-section and decorative die-cast aluminium or cast-iron connectors and accessories.
- RUSTIC Collection includes conical, straight and stepped poles with stripped surface of circular cross-section, decorative cast-iron base and accessories.
- IDEA Collection includes conical poles of circular cross-section in curved or bent forms, cylindrical poles with special alteration of the section or to adjust especially designed decorative accessories in order to provide a distinguishable architectural style.



1.4. CRETA Collection

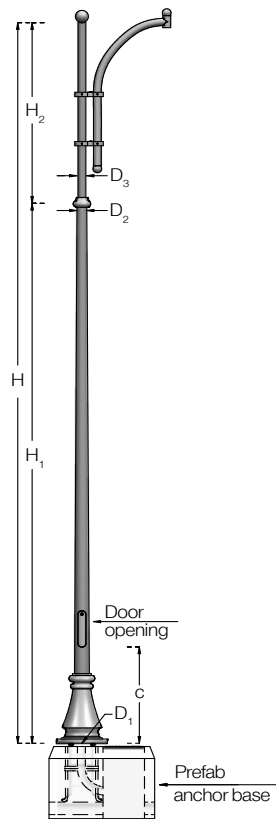
Image 1

Decorative steel lighting pole ZINLUX CRETA in combination of round conical and straight cylindrical shafts with decorative bracket from CRETA Collection (BMK 42/500) and suspended luminaire ZINLUX PIROFANI.



ZINLUX CRETA Series CR-C

Pole drawing model
Decorative steel lighting pole
ZINLUX CRETA from CR-C
range with an indicative
bracket from CRETA
Collection (BMK-CM 42/500)
in combination with decorative
die-cast aluminium rings.



Introduction Decorative steel lighting pole ZINLUX CRETA Series CR-C in combination of round conical and straight cylindrical shafts with base plate and decorative die-cast aluminium base type "C".

Material Hot rolled steel grade S235JR according to EN10025.

Surface protection Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).

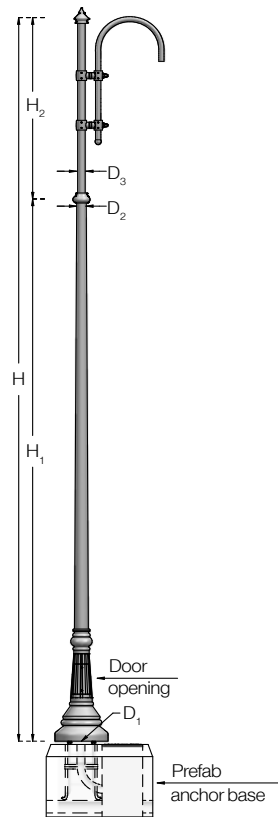
Technical features Round conical steel pole is made from steel sheet bend in special machines on regular circle profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12m. The lighting pole, up to 12m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). A decorative intermediate accessory is adjusted on the conical union point with the straight one. For a better static analysis there is a circular base plate which it is totally covered by the decorative base type "C". Door opening is made from the body of the pole through special saw machine (IP54 and IK10). It fits tightly and it's equipped with security lock. Manufacturing according to EN-40.

Certificates CE Certificate of Notified European Body (EN-40, European Commission).

ZINLUX CRETA Series CR-E/IR

Pole drawing model

Decorative steel lighting pole ZINLUX CRETA from CR-E/IR range with an indicative bracket from CRETA Collection (BMK 42/500) in combination with decorative cast-iron rings.

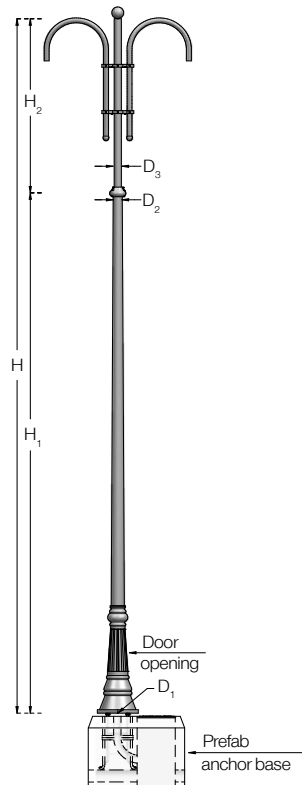


- Introduction** Decorative steel lighting pole ZINLUX CRETA Series CR-E/IR in combination of round conical and straight cylindrical shafts with base plate and decorative cast-iron base type “E”.
- Material** Hot rolled steel grade S235JR according to EN10025.
- Surface protection** Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).
- Technical features** Round conical steel pole is made from steel sheet bend in special machines on regular circle profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12m. The lighting pole, up to 12m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). A decorative intermediate cast-iron accessory is adjusted on the conical union point with the straight one. For a better static analysis there is a circular base plate which it is totally covered by the decorative cast-iron base type “E”. There is a door opening in the pole and in the decorative base. It fits tightly and it’s equipped with security lock. Manufacturing according to EN-40.
- Certificates** CE Certificate of Notified European Body (EN-40, European Commission).

ZINLUX CRETA Series CR-E/AL

Pole drawing model

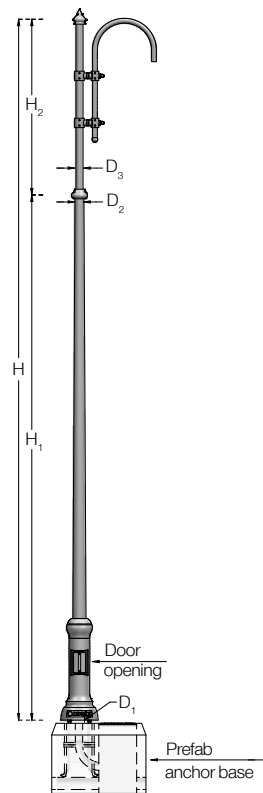
Decorative steel lighting pole ZINLUX CRETA from CR-E/AL range with an indicative bracket from CRETA Collection (BDK 42/500) in combination with decorative die-cast aluminium rings.



- Introduction** Decorative steel lighting pole ZINLUX CRETA Series CR-E/AL in combination of round conical and straight cylindrical shafts with base plate and decorative die-cast aluminium base type "E".
- Material** Hot rolled steel grade S235JR according to EN10025.
- Surface protection** Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).
- Technical features** Round conical steel pole is made from steel sheet bend in special machines on regular circle profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12m. The lighting pole, up to 12m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). A decorative intermediate accessory is adjusted on the conical union point with the straight one. For a better static analysis there is a circular base plate which is totally covered by the decorative die-cast aluminium base type "E". There is a door opening in the pole and in the decorative base. It fits tightly and it's equipped with security lock. Manufacturing according to EN-40.
- Certificates** CE Certificate of Notified European Body (EN-40, European Commission).

ZINLUX CRETA Series CR-N

Pole drawing model
Decorative steel lighting pole ZINLUX CRETA from CR-N range with an indicative bracket from CRETA Collection (BMK 42/500) in combination with decorative cast-iron rings.



Introduction Decorative steel lighting pole ZINLUX CRETA Series CR-N in combination of round conical and straight cylindrical shafts with base plate and decorative neoclassic cast-iron base type "N".

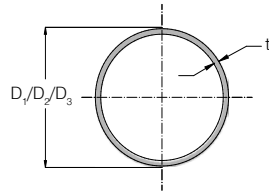
Material Hot rolled steel grade S235JR according to EN10025.

Surface protection Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).

Technical features Round conical steel pole is made from steel sheet bend in special machines on regular circle profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12m. The lighting pole, up to 12m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). A decorative intermediate cast-iron accessory is adjusted on the conical union point with the straight one. For a better static analysis there is a circular base plate which it is totally covered by the decorative cast-iron base type "N". There is a door opening in the pole and in the decorative base. It fits tightly and it's equipped with security lock. Manufacturing according to EN-40.

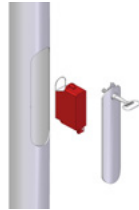
Certificates CE Certificate of Notified European Body (EN-40, European Commission).

Cross-section



Round conical and straight tubular cross-section (D_1 : base's cross-section, D_2 : cross-section, D_3 : top's cross-section, t : thickness).

Door opening

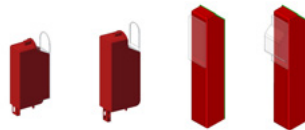


In particular, door opening for range CR-C is made from the body of the pole through special saw machine. It fits tightly on the pole and is equipped with a security lock. It ensures the desirable aesthetic result. Protection IP54 through elastic gasket at the electrical compartment and protection against external mechanical impact IK10. Finally, it is accompanied with a security lock ZINCOMETAL of a triangular socket. It is user-friendly.

For the rest of our ranges the door opening is made from the body of the decorative base and it fits tightly on a special flange. It ensures the desirable aesthetic result through two stainless screw. At the same height there is a respective pole door opening to facilitate the installation and connection of the junction box.

Connection and safety of electrical circuit

Junction boxes



Range A-M1, A-M2, A-M3,
A-M3A

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M1, A-M2) and IP54 (A-M3, A-M3A) and IK08 (A-M1, A-M2, A-M3A, A-M3). It is suitable for poles of section $\leq \Phi 120$ (A-M1, A-M3) and $\geq \Phi 128$ (A-M3A, A-M2).

Decorative details of poles' connection

Decorative intermediate
accessory



Classic decorative intermediate cast-iron accessory in circular form to adapt to section $\Phi 76$ to $\Phi 60$ (SYS-IR-O-76/60).

Decorative details of the base

Decorative bases

A big variety of ZINLUX decorative bases are suggested in order to provide an elegant architectural result. They perfectly cover the base plate and protect the anchor bolts.

Die-cast aluminium base
type "C"



Decorative die-cast aluminium base of quality AS 12F type "C", height 600mm and diameter $\Phi 390$ mm (B-C/AL).

Cast-iron base type "E"



Decorative classic cast-iron base type "E", height 930mm and diameter 420mm (B-E/IR). Its quality is EN-GJL-200 according to DIN 1561 with the minimum strength 200MPa.

Die-cast aluminium base
type "E"



Decorative die-cast aluminium base of quality AS 12F type "E", height 910mm and diameter $\Phi 325$ mm (B-E/AL).

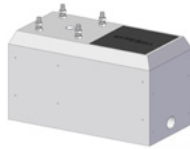
Cast-iron base type "N"



Decorative neoclassic cast-iron base type "N" total height 870mm (it includes the base accessory). The base accessory is suitable for poles of section $\Phi 114$ and diameter 320mm (B-N/IR). Its quality is EN-GJL-200 according to DIN 1561 with the minimum strength 200MPa.

Pole anchor bases

Prefab anchor base



ZINCOMETAL prefab concrete base is an innovative product which aims to cover every project needs.

Benefits:

- Durability and Strength.
- Easy and flexible electrical works.
- It can be transported to the project.
- Installation and completion in real time to minimize cost and time.

PR-M/1000/170/16	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 170x170mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories. If it is necessary, it can be used as a primary base in order to construct a bigger one.
PR-M/1000/190/16	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 190x190mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories. If it is necessary, it can be used as a primary base in order to construct a bigger one.
PR-M/1000/170/20	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M20x600mm in arrangement 170x170mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories. If it is necessary, it can be used as a primary base in order to construct a bigger one.
PR-M/1000/190/20	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M20x600mm in arrangement 190x190mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories. If it is necessary, it can be used as a primary base in order to construct a bigger one.

PR-SL/1000/190/24 ZINCOMETAL prefab concrete base 1000x1000x900mm is equipped with 4 hot dip galvanized anchor bolts M24x750mm in arrangement 190x190mm, the manwhole, the tube in which the cable pass through and the necessary equipment/accessories.

Anchor base













Another alternative suggestion for installation in real time is the pole anchor base, which is delivered hot dip galvanized.

- BAG M16/50/Z/170 Pole anchor base with 4 anchor bolts M16 of 500mm length each one, in arrangement 170x170mm.
- BAG M16/50/Z/190 Pole anchor base with 4 anchor bolts M16 of 500mm length each one, in arrangement 190x190mm.
- BAG M20/60/Z/170 Pole anchor base with 4 anchor bolts M20 of 600mm length each one, in arrangement 170x170mm.
- BAG M20/60/Z/190 Pole anchor base with 4 anchor bolts M20 of 600mm length each one, in arrangement 190x190mm.
- BAG M24/75/Z/190 Pole anchor base with 4 anchor bolts M24 of 750mm length each one, in arrangement 190x190mm.

Table of ZINLUX CRETA

CR-C Series

												
								Junction box	Anchor base		Prefab base	
Code	mm	mm	mm	mm	mm	mm		Code	Code	mm	mm	Code
CR-60/C	6000	4500/1500	Φ120/Φ75/Φ60	3	Φ370x10	800	A-M3 A-M1	BAG M20/60/Z/190	M20x600	190x190	PR-M/1000/190/20	
CR-65/C	6500	5000/1500	Φ120/Φ70/Φ60									
CR-70/C	7000	5500/1500	Φ128/Φ75/Φ60									
CR-80/C	8000	6000/2000	Φ135/Φ75/Φ60	4	Φ370x15	A-M3A A-M2	BAG M24/75/Z/190	M24x750	PR-SL/1000/190/24			
CR-85/C	8500	6500/2000	Φ135/Φ70/Φ60									
CR-90/C	9000	7000/2000	Φ135/Φ70/Φ60									

CR-E/IR Series

CR-45/E/IR	4500	3500/1000	Φ110/Φ75/Φ60	3	Φ325x10	A-M3 A-M1	BAG M16/50/Z/190	M16x500	190x190	PR-M/1000/190/16
CR-50/E/IR	5000	4000/1000	Φ110/Φ70/Φ60							
CR-55/E/IR	5500	4300/1200	Φ120/Φ75/Φ60							
CR-60/E/IR	6000	4500/1500	Φ120/Φ75/Φ60	4	Φ325x12	A-M3 A-M1	BAG M20/60/Z/190	M20x600	PR-M/1000/190/20	
CR-65/E/IR	6500	5000/1500	Φ120/Φ70/Φ60							

CR-E/AL Series

CR-45/E/AL	4500	3500/1000	Φ110/Φ75/Φ60	3	Φ325x10	A-M3 A-M1	BAG M16/50/Z/190	M16x500	190x190	PR-M/1000/190/16
CR-50/E/AL	5000	4000/1000	Φ110/Φ70/Φ60							
CR-55/E/AL	5500	4300/1200	Φ120/Φ75/Φ60							
CR-60/E/AL	6000	4500/1500	Φ120/Φ75/Φ60	4	Φ325x12	A-M3 A-M1	BAG M20/60/Z/190	M20x600	PR-M/1000/190/20	
CR-65/E/AL	6500	5000/1500	Φ120/Φ70/Φ60							

CR-N Series

CR-45/N	4500	3500/1000	Φ110/Φ75/Φ60	3	Φ290x10	A-M3 A-M1	BAG M16/50/Z/170	M16x500	170x170	PR-M/1000/170/16
CR-50/N	5000	4000/1000	Φ110/Φ70/Φ60							
CR-55/N	5500	4300/1200	Φ120/Φ75/Φ60							
CR-60/N	6000	4500/1500	Φ120/Φ75/Φ60	4	Φ290x12	A-M3 A-M1	BAG M20/60/Z/170	M20x600	PR-M/1000/170/20	
CR-65/N	6500	5000/1500	Φ120/Φ70/Φ60							



www.zincometal.gr

Δ. 10ο χλμ. Κιλκίς-Πολυκάστρου
61100 Κιλκίς, τ.θ. 21
AD. 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

 zin
lux
lighting

 hellenic griglia