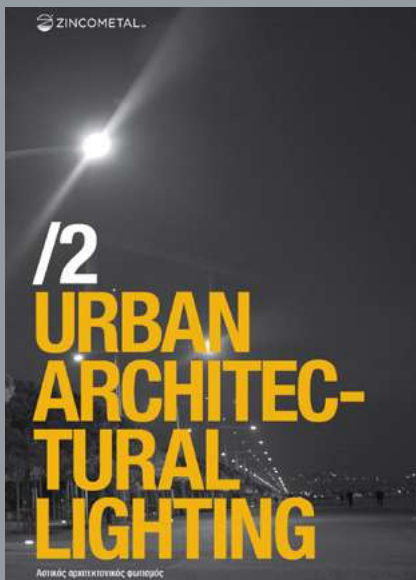


PRINTED CATALOGUE



WEBSITE LINK

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

PRODUCT NO:

DESCRIPTION:

IMAGE



ATHOS 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.

2.0. Decorative Aluminium Lighting Poles

Introduction Our design department has designed and developed aluminium lighting poles with smooth, striped or fluted section in order to follow modern developments and new trends of urban lighting by introducing lighting modern systems. Their design is eco - friendly and it naturally lights urban areas.

It is made of extruded aluminium, anodized or electrostatic powder coating surface finish in straight or stepped form.

In order to adjust the luminaires on the lighting poles we have designed special die-cast aluminium connectors and a series of decorative brackets from aluminium or galvanized and electrostatic powder coating surface finish (Duplex System) steel designed in modern designs.

This category includes the following types of poles:

- ATHOS Collection with straight circular striped or smooth section and specially designed decorative brackets.
- NOVA Collection with circular fluted cross-section in straight or stepped form.
- ARMONIA AL Collection with conical circular cross-section.
- PLAZA AL Collection with a straight square or rectangular cross-section.



2.1. ATHOS Collection

Image 1

Decorative aluminium lighting pole of ATHOS Collection of striped circular cross-section with aluminium base plate and post-top luminaire ZINLUX ASTRA 500S.



Image 2

Decorative aluminium lighting pole of ATHOS Collection of smooth circular cross-section with aluminium base plate and post-top luminaire ZINLUX ASTRA 500S.

**Image 3**

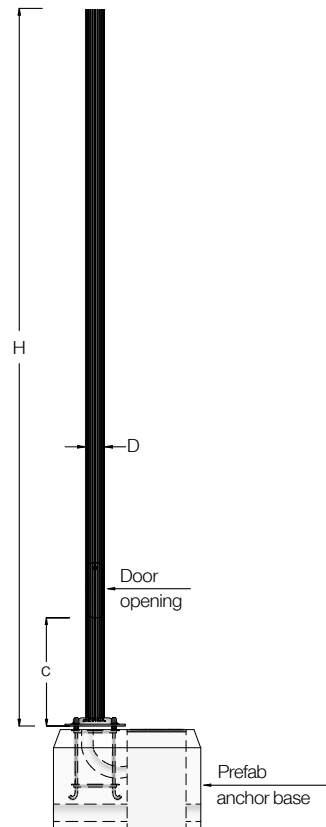
Decorative aluminium lighting pole of ATHOS Collection of striped circular cross-section with aluminium base plate and post-top luminaire ZINLUX ASTRA 500S.



2.1.1. ZINLUX ATHOS R

With base plate

Pole drawing model



Introduction Decorative aluminium lighting pole ZINLUX ATHOS R of straight striped circular cross-section with aluminium base plate.

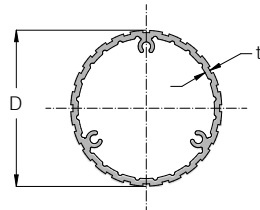
Material The body of the pole is manufactured with an extruded aluminium alloy of quality $AlMgSi_{0.5} F_{22}$ and its cross-section is shaped as a stripe.

Surface protection Anodizing of thickness 15 to 20 μ m and electrostatically powder coated surface finish.

Technical features It is manufactured of a piece of extruded aluminium tube of straight striped circular cross-section. The body is internally configured in order to create three (3) longitudinal aids to give the necessary strength and to adjust the connection accessories and decoration. On pole's basis a base plate of die-cast aluminium quality of AS12F, in circular cross section with a curved shape and internal gusset for additional strength, is welded. Door opening is made from the body of the pole through special saw machine. It fits tightly and it's equipped with security lock. Manufacturing according to EN-40.

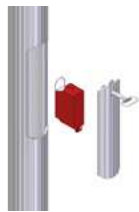
Certificates CE Certificate of Notified European Body (EN-40, European Commission).

Cross-section



Straight striped of circular cross-section (D: cross-section, t: thickness).

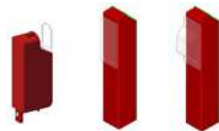
Door opening



Door opening 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. Ingress protection IP54 and protection against external mechanical impact IK10. Finally, it is accompanied with a security lock ZINCOMETAL of a triangular socket. It is user - friendly.

Connection and safety of electrical circuit

Junction boxes



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

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M2) and IP54 (A-M3, A-M3A) and IK08 (A-M2, A-M3A, A-M3). It is suitable for poles of section $\Phi 102$ (A-M3) and $\Phi 121$ (A-M3A, A-M2).

Decorative tops

Top's accessories

K Series



Die-cast aluminium top accessory for top mounting in pole with spigot $\Phi 102$ (K-102) and $\Phi 121$ (K-120).

T Series



Die-cast aluminium top accessory $\Phi 60$ for fitting in the luminaire for pole spigot $\Phi 102$ (T 60/102) and $\Phi 121$ (T 60/120) or for fitting through decorative die-cast aluminium scissile connector decorative bracket for pole spigot $\Phi 102$ (T 60/102M) and $\Phi 121$ (T 60/120M).

Decorative details of the base

Base plate



BP/AL/330

Die- cast aluminum base plate of diameter $\Phi 330 \times 10$ mm with holes distance 205×205 mm and additional internal triangular gussets.

Anchor bolts protective
cover

N-PL/16

Plastic cover for nuts and threads for anchor base of polyethylene highly resistant to atmosphere and chemical agents . It offers extra protection against dust and asphalt .Wide and flexible rim to ensure adhesion. It is suitable for anchor bolts M16.

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/800/205/16

ZINCOMETAL prefab concrete base $800 \times 600 \times 550$ mm is equipped with 4 hot dip galvanized anchor bolts M16 \times 500mm in arrangement 205×205 mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories.

PR-M/1000/205/16 ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 205x205mm, 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.

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/205 Pole anchor base with 4 anchor bolts M16 of 500mm length each one, in arrangement 205x205mm.

Table of ZINLUX ATHOS R

With base plate

100 Series

											
							Junction box	Anchor base			Prefab base
Code	mm	mm	mm	mm		mm	Code	Code	mm	mm	Code
ATHOS R 100/30/T	3000	Ø101.7	4.50	Ø330x10	300x65	600	A-M3	BAG M16/50/Z/205	M16x500	205x205	PR-M/800/205/16 PR-M/1000/205/16
ATHOS R 100/40/T	4000										
ATHOS R 100/50/T	5000										
ATHOS R 100/60/T	6000										

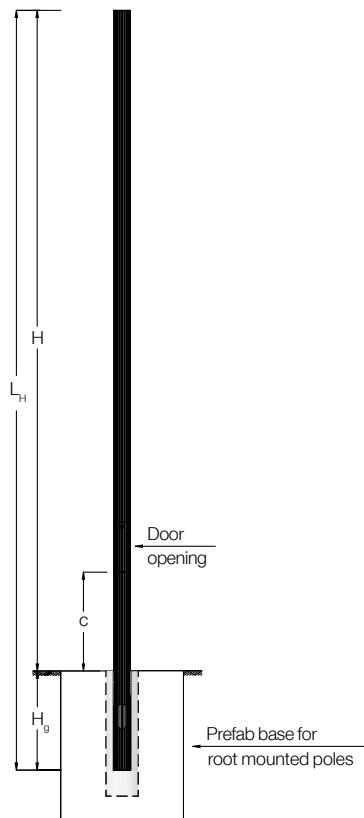
120 Series

ATHOS R 120/30/T	3000	Ø121	5.00	Ø330x10	300x70	600	A-M3A	BAG M16/50/Z/205	M16x500	205x205	PR-M/800/205/16 PR-M/1000/205/16
ATHOS R 120/40/T	4000										
ATHOS R 120/50/T	5000										
ATHOS R 120/60/T	6000										
ATHOS R 120/70/T	7000										

ZINLUX ATHOS R

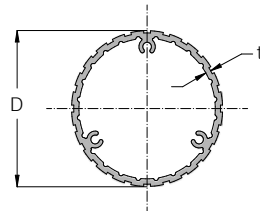
Root mounted

Pole drawing model



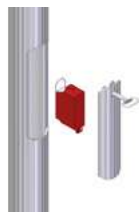
- Introduction** Decorative aluminium lighting pole ZINLUX ATHOS R of straight striped circular cross-section without base plate (root mounted).
- Material** The body of the pole is manufactured with an extruded aluminium alloy of quality $AlMgSi_{0.5} F_{22}$ and its cross-section is shaped as a stripe.
- Surface protection** Anodizing of thickness 15 to 20 μ m and electrostatically powder coated surface finish.
- Technical features** It is manufactured of a piece of extruded aluminium tube of straight striped circular cross-section. The body is internally configured in order to create three (3) longitudinal aids to give the necessary strength and to adjust the connection accessories and decoration. Door opening is made from the body of the pole through special saw machine. 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



Straight striped of circular cross-section (D: cross-section, t: thickness).

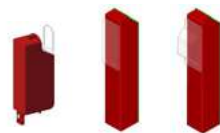
Door opening



Door opening 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. Ingress protection IP54 and protection against external mechanical impact IK10. Finally, it is accompanied with a security lock ZINCOMETAL of a triangular socket. It is user - friendly.

Connection and safety of electrical circuit

Junction boxes



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

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M2) and IP54 (A- M3, A-M3A) and IK08 (A-M2, A-M3A, A-M3). It is suitable for poles of section $\Phi 102$ (A-M3) and $\Phi 121$ (A-M3A, A-M2).

Decorative tops

Top's accessories

K Series



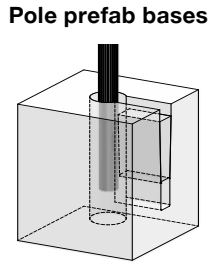
Die-cast aluminium top accessory for top mounting in pole with spigot $\Phi 102$ (K-102) and $\Phi 121$ (K-120).

T Series



Die-cast aluminium top accessory $\Phi 60$ for fitting in the luminaire for pole spigot $\Phi 102$ (T 60/102) and $\Phi 121$ (T 60/120) or for fitting through decorative die-cast aluminium scissile connector decorative bracket for pole spigot $\Phi 102$ (T 60/102M) and $\Phi 121$ (T 60/120M).

Prefab base for root
mounted poles



Pole prefab bases

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-P/700 ZINCOMETAL prefab concrete base 700x700x900mm for quick installation of the root mounted poles. It is equipped with a hole in which the pole is embedded and a hole in which the cables pass through.

Table of ZINLUX ATHOS R

Root mounted

100 Series

											
										Junction box	Prefab base
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	Code	Code
ATHOS R 100/36	3600	3000	600	Ø101.7	4.50	300x65	600	150x50	A-M3		PR-P/700
ATHOS R 100/46	4600	4000									
ATHOS R 100/58	5800	5000	800								
ATHOS R 100/68	6800	6000									

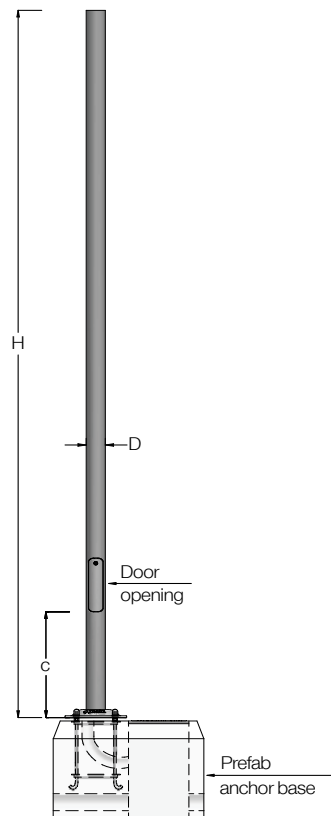
120 Series

ATHOS R 120/36	3600	3000	600	Ø121	5.00	300x70	600	150x50	A-M3A A-M2		PR-P/700
ATHOS R 120/46	4600	4000									
ATHOS R 120/58	5800	5000	800								
ATHOS R 120/68	6800	6000									

2.1.2. ZINLUX ATHOS S

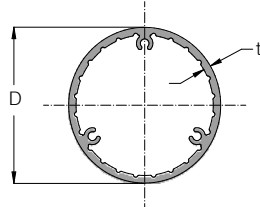
With base plate

Pole drawing model



- Introduction** Decorative aluminium lighting pole ZINLUX ATHOS S of straight smooth circular cross-section with aluminium base plate.
- Material** The body of the pole is manufactured with an extruded aluminium alloy of quality $AlMgSi_{0.5} F_{22}$ and its cross-section is smoothly shaped.
- Surface protection** Anodizing of thickness 15 to 20 μ m and electrostatically powder coated surface finish.
- Technical features** It is manufactured of a piece of extruded aluminium tube of straight smooth circular cross-section. The body is internally configured in order to create three (3) longitudinal aids to give the necessary strength and to adjust the connection accessories and decoration. On pole's basis a base plate of die-cast aluminium quality of AS12F, in circular cross section with a curved shape and internal gusset for additional strength, is welded. Door opening is made from the body of the pole through special saw machine. 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



Straight smooth of circular cross-section (D: cross-section, t: thickness).

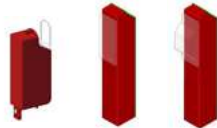
Door opening



Door opening 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. Ingress protection IP54 and protection against external mechanical impact IK10. Finally, it is accompanied with a security lock ZINCOMETAL of a triangular socket. It is user - friendly.

Connection and safety of electrical circuit

Junction boxes



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

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M2) and IP54 (A-M3, A-M3A) and IK08 (A-M2, A-M3A, A-M3). It is suitable for poles of section $\Phi 102$ (A-M3) and $\Phi 121$ (A-M3A, A-M2).

Decorative tops

Top's accessories

K Series



Die-cast aluminium top accessory for top mounting in pole with spigot $\Phi 102$ (K-102) and $\Phi 121$ (K-120).

T Series



Die-cast aluminium top accessory $\Phi 60$ for fitting in the luminaire for pole spigot $\Phi 102$ (T 60/102) and $\Phi 121$ (T 60/120) or for fitting through decorative die-cast aluminium scissile connector decorative bracket for pole spigot $\Phi 102$ (T 60/102M) and $\Phi 121$ (T 60/120M).

Decorative details of the base

Base plate



BP/AL/330

Die- cast aluminum base plate of diameter $\Phi 330 \times 10$ mm with holes distance 205×205 mm and additional internal triangular gussets.

Anchor bolts protective cover

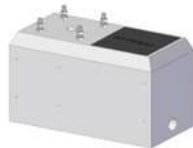


N-PL/16

Plastic cover for nuts and threads for anchor base of polyethylene highly resistant to atmosphere and chemical agents . It offers extra protection against dust and asphalt .Wide and flexible rim to ensure adhesion. It is suitable for anchor bolts M16.

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/800/205/16 ZINCOMETAL prefab concrete base 800x600x550mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 205x205mm, the manhole, the tube in which the cable pass through and the necessary equipment/accessories.

PR-M/1000/205/16 ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 205x205mm, 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.

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/205 Pole anchor base with 4 anchor bolts M16 of 500mm length each one, in arrangement 205x205mm.

Table of ZINLUX ATHOS S

With base plate

100 Series

											
							Junction box	Anchor base			Prefab base
Code	mm	mm	mm	mm		mm	Code	Code	mm	mm	Code
ATHOS S 100/30/T	3000	Ø101.7	5.00	Ø330x10	300x65	600	A-M3	BAG M16/50/Z/205	M16x500	205x205	PR-M/800/205/16
ATHOS S 100/40/T	4000										
ATHOS S 100/50/T	5000										
ATHOS S 100/60/T	6000										PR-M/1000/205/16

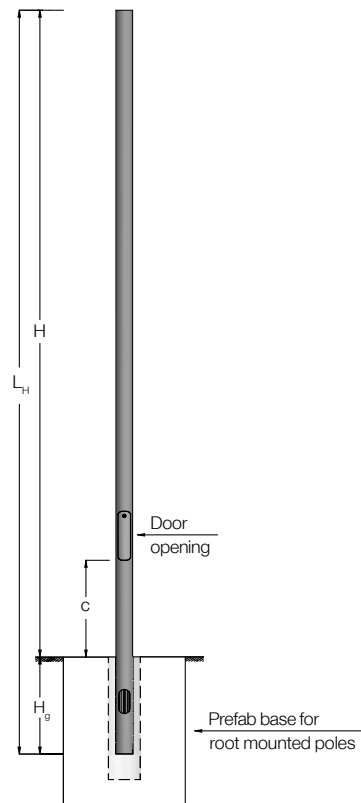
120 Series

ATHOS S 120/30/T	3000	Ø121	5.50	Ø330x10	300x70	600	A-M3A	BAG M16/50/Z/205	M16x500	205x205	PR-M/800/205/16
ATHOS S 120/40/T	4000										
ATHOS S 120/50/T	5000										
ATHOS S 120/60/T	6000										
ATHOS S 120/70/T	7000										PR-M/1000/205/16

ZINLUX ATHOS S

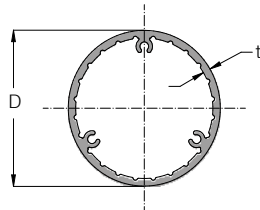
Root mounted

Pole drawing model



- Introduction** Decorative aluminium lighting pole ZINLUX ATHOS S of straight smooth circular cross-section without base plate (root mounted).
- Material** The body of the pole is manufactured with an extruded aluminium alloy of quality $AlMgSi_{0.5} F_{22}$ and its cross-section is smoothly shaped.
- Surface protection** Anodizing of thickness 15 to 20 μ m and electrostatically powder coated surface finish.
- Technical features** It is manufactured of a piece of extruded aluminium tube of straight smooth circular cross-section. The body is internally configured in order to create three (3) longitudinal aids to give the necessary strength and to adjust the connection accessories and decoration. Door opening is made from the body of the pole through special saw machine. 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



Straight smooth of circular cross-section (D: cross-section, t: thickness).

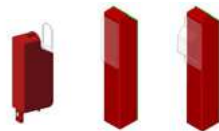
Door opening



Door opening 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. Ingress protection IP54 and protection against external mechanical impact IK10. Finally, it is accompanied with a security lock ZINCOMETAL of a triangular socket. It is user - friendly.

Connection and safety of electrical circuit

Junction boxes



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

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M2) and IP54 (A- M3, A-M3A) and IK08 (A-M2, A-M3A, A-M3). It is suitable for poles of section $\Phi 102$ (A-M3) and $\Phi 121$ (A-M3A, A-M2).

Decorative tops

Top's accessories

K Series



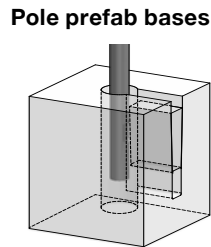
Die-cast aluminium top accessory for top mounting in pole with spigot $\Phi 102$ (K-102) and $\Phi 121$ (K-120).

T Series



Die-cast aluminium top accessory $\Phi 60$ for fitting in the luminaire for pole spigot $\Phi 102$ (T 60/102) and $\Phi 121$ (T 60/120) or for fitting through decorative die-cast aluminium scissile connector decorative bracket for pole spigot $\Phi 102$ (T 60/102M) and $\Phi 121$ (T 60/120M).

Prefab base for root
mounted poles



Pole prefab bases

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-P/700

ZINCOMETAL prefab concrete base 700x700x900mm for quick installation of the root mounted poles. It is equipped with a hole in which the pole is embedded and a hole in which the cables pass through.

Table of ZINLUX ATHOS S

Root mounted

100 Series

											
										Junction box	Prefab base
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	Code	Code
ATHOS S 100/36	3600	3000	600	Ø101.7	5.00	300x65	600	150x50	A-M3		PR-P/700
ATHOS S 100/46	4600	4000									
ATHOS S 100/58	5800	5000	800								
ATHOS S 100/68	6800	6000									

120 Series

ATHOS S 120/36	3600	3000	600	Ø121	5.50	300x70	600	150x50	A-M3A A-M2		PR-P/700
ATHOS S 120/46	4600	4000									
ATHOS S 120/58	5800	5000	800								
ATHOS S 120/68	6800	6000									



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zin
lux
lighting

The logo for Zin Lux Lighting consists of a stylized light fixture icon on the left, featuring a semi-circle above a square base with a small circle on top. 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 grid icon on the left, composed of a square grid of small squares. To the right of the icon, the words "hellenic" and "griglia" are stacked vertically in a lowercase, sans-serif font.