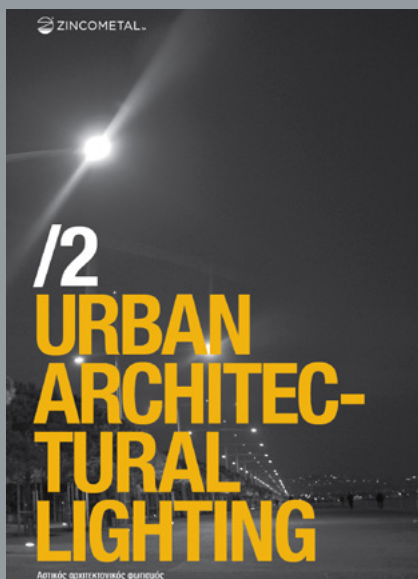


PRINTED CATALOGUE



WEBSITE LINK

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

PRODUCT NO:

DESCRIPTION:

IMAGE



SANTA 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](http://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.



## 1.2. SANTA Collection

### 1.2.1. ZINLUX SANTA

**Image 1**

Decorative straight steel lighting pole of circular cross-section from SANTA Collection and a decorative scissile base from die-cast aluminium in combination with an urban lightin luminaire ZINLUX TETRA.



**Image 2**

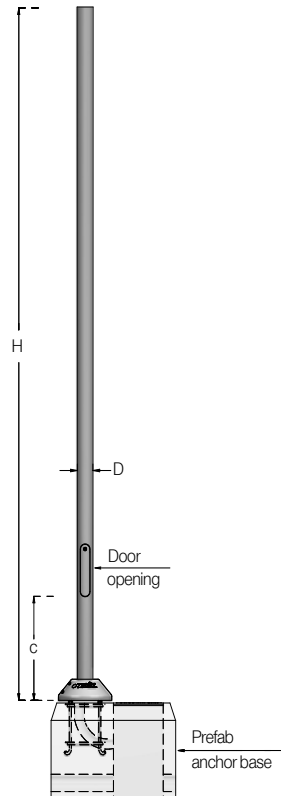
Decorative straight steel lighting pole of circular cross-section from SANTA Collection in combination with an urban lighting luminaire ZINLUX ASTRA 500.



## ZINLUX SANTA

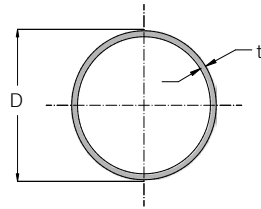
**With base plate**

Pole drawing model



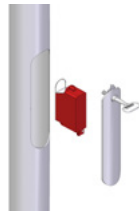
- Introduction** Decorative straight steel lighting pole ZINLUX SANTA of circular cross-section with circular base plate and a decorative scissile die-cast aluminium base.
- Material** Steel tube from hot rolled steel grade S235JR according to EN10025 manufactured to EN 10219.
- Surface protection** Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).
- Technical features** It is manufactured with a piece of cylindrical steel pole. For a better static analysis there is a base plate with or without triangular gussets (depends on the headload) which is totally covered from a decorative base. 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).

## Cross-section



Straight pole of circular cross-section (D: diameter, 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-M1, A-M2, A-M3,  
A-M3A, A-M4

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M1, A-M2, A-M4) and IP54 (A-M3, A-M3A) and IK08 (A-M1, A-M2, A-M3A, A-M3). It is suitable for poles of section  $\Phi 102$  (A-M1, A-M3),  $\Phi 121$  (A-M3A, A-M2, A-M4) and  $\Phi 133$ ,  $\Phi 140$  and  $\Phi 160$  (A-M3A, A-M4).

## Aluminium door cover



PG A1, PG A2

An alternative choice of a door opening is the aluminium protective cover with a special lock and its own key for easy use. Protection IP55 through elastic gasket at the electrical compartment and protection against external mechanical impact IK08. It is suitable for poles of section  $\Phi 102$  (PG A1),  $\Phi 121$ ,  $\Phi 133$ ,  $\Phi 140$  and  $\Phi 160$  (PG A2).

### Decorative tops

#### Top accessories

K Series



Die-cast aluminium top accessory for top mounting in pole with spigot  $\Phi 102$  (K-102),  $\Phi 121$  (K-120),  $\Phi 133$  (K-133),  $\Phi 140$  (K-140) and  $\Phi 160$  (K-160).

SF Series



Inox decorative sphere  $\Phi 100$  (SF-100),  $\Phi 120$  (SF-120) and  $\Phi 150$  (SF-150). It is necessarily combined with die-cast aluminium top accessory K-102 (SF-100, SF-120) and K-121, K-133, K-140 (SF-150).

T Series



Die-cast aluminium top accessory  $\Phi 60$  for fitting in the luminaire for pole spigot  $\Phi 102$  (T 60/102),  $\Phi 121$  (T 60/120). Alternatively, there is a special steel top accessory  $\Phi 60$  for fitting in the luminaire for pole spigot  $\Phi 133$  (T 60/133),  $\Phi 140$  (T 60/140) and  $\Phi 160$  (T 60/160).

### 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.

B-S/AL Series  
aluminium bases

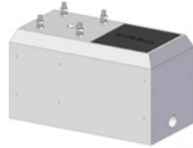


Decorative die-cast aluminium scissile base AS 12F with external diameter  $\Phi 330\text{mm}$  or  $\Phi 410\text{mm}$ . It is suitable for poles of cross-section from  $\Phi 102\text{mm}$  (B-S/AL-330/102),  $\Phi 121\text{mm}$  (B-S/AL-330/121),  $\Phi 133\text{mm}$  (B-S/AL-330/133) and  $\Phi 140\text{mm}$  (B-S/AL-420/140) και  $\Phi 160\text{mm}$  (B-S/AL-420/160). **Benefits:**

- It facilitates maintenance work as it can be easily mounted and dismantled without removing the shaft of pole.

Prefab anchor base

### Pole anchor 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-M/800/190/16	ZINCOMETAL prefab concrete base 800x600x550mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 190x190mm, the manwhole, the tube in which the cable pass through and the necessary equipment/accessories.
PR-M/1000/190/16	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M16x500mm in arrangement 190x190mm, the manwhole, 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 manwhole, 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/1000/235/20	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M20x600mm in arrangement 235x235mm, the manwhole, 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/1000/235/24	ZINCOMETAL prefab concrete base 1000x500x700mm is equipped with 4 hot dip galvanized anchor bolts M24x750mm in arrangement 235x235mm, the manwhole, 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/190 Pole anchor base with 4 anchor bolts M16 of 500mm length each one, in arrangement 190x190mm.
- BAG M20/60/Z/190 Pole anchor base with 4 anchor bolts M20 of 600mm length each one, in arrangement 190x190mm.
- BAG M20/60/Z/235 Pole anchor base with 4 anchor bolts M20 of 600mm length each one, in arrangement 235x235mm.
- BAG M24/75/Z/235 Pole anchor base with 4 anchor bolts M24 of 750mm length each one, in arrangement 235x235mm.

## Table of ZINLUX SANTA

## With base plate

## 100 Series

											
							Junction box	Anchor base		Prefab base	
Code	mm	mm	mm	mm	mm	mm	Code	Code	mm	mm	Code
SANTA 100/30/T/3	3000	3	Φ102	Φ310x10	300x70	600	A-M1 A-M3	BAG M16/50/Z/190	M16x500	190x190	PR-M/800/190/16
SANTA 100/30/T/4		4									
SANTA 100/40/T/3	4000	3									
SANTA 100/40/T/4		4									
SANTA 100/50/T/3	5000	3		Φ310x12	800	PR-M/1000/190/16					
SANTA 100/50/T/4		4									
SANTA 100/60/T/3	6000	3		Φ310x15	PR-M/1000/190/20						
SANTA 100/60/T/4		4									
SANTA 100/70/T/4	7000	4	BAG M20/60/Z/190	M20x600	PR-M/1000/190/20						











## 120 Series

SANTA 120/30/T/3	3000	3	Φ121	Φ310x10	300x75	600	A-M3A A-M2 A-M4	BAG M16/50/Z/190	M16x500	190x190	PR-M/800/190/16
SANTA 120/30/T/4		4									
SANTA 120/40/T/3	4000	3									
SANTA 120/40/T/4		4									
SANTA 120/50/T/3	5000	3		Φ310x12	800	PR-M/1000/190/16					
SANTA 120/50/T/4		4									
SANTA 120/60/T/3	6000	3		Φ310x15	PR-M/1000/190/20						
SANTA 120/60/T/4		4									
SANTA 120/70/T/4	7000	4	BAG M20/60/Z/190	M20x600	PR-M/1000/190/20						
SANTA 120/80/T/4	8000	4									

## 133 Series

SANTA 133/40/T/4	4000	4	Φ133	Φ310x10	300x80	600	A-M3A A-M4	BAG M16/50/Z/190	M16x500	190x190	PR-M/800/190/16		
SANTA 133/50/T/4	5000			Φ310x12				BAG M20/60/Z/190			M20x600	PR-M/1000/190/20	
SANTA 133/60/T/4	6000			Φ310x15				800	BAG M24/75/Z/235		M24x750	235x235	PR-M/1000/235/24
SANTA 133/70/T/4	7000			5									
SANTA 133/70/T/5				8000	4								
SANTA 133/80/T/4	8000			4	Φ400x15								
SANTA 133/80/T/5				5									

## 140 Series

											
							Junction box	Anchor base		Prefab base	
Code	mm	mm	mm	mm	mm	mm	Code	Code	mm	mm	Code
SANTA 140/40/T/4	4000	4	Φ140	Φ400x12	300x80	600	A-M3A A-M4	BAG M16/50/Z/235	M16x500	235x235	PR-M/800/235/16
SANTA 140/50/T/4	5000					Φ400x15		800	BAG M20/60/Z/235		M20x600
SANTA 140/60/T/4	6000			BAG M24/75/Z/235				M24x750	PR-M/1000/235/24		
SANTA 140/70/T/4	7000	5									
SANTA 140/70/T/5	7000	5									
SANTA 140/80/T/4	8000	4									
SANTA 140/80/T/5	8000	5									

## 160 Series

SANTA 160/40/T/4	4000	4	Φ160	Φ400x12	300x85	600	A-M3A A-M4	BAG M16/50/Z/235	M16x500	235x235	PR-M/800/235/16
SANTA 160/50/T/4	5000					Φ400x15		800	BAG M20/60/Z/235		M20x600
SANTA 160/60/T/4	6000			BAG M24/75/Z/235				M24x750	PR-M/1000/235/24		
SANTA 160/70/T/4	7000	5									
SANTA 160/70/T/5	7000	5									
SANTA 160/80/T/4	8000	4									
SANTA 160/80/T/5	8000	5									

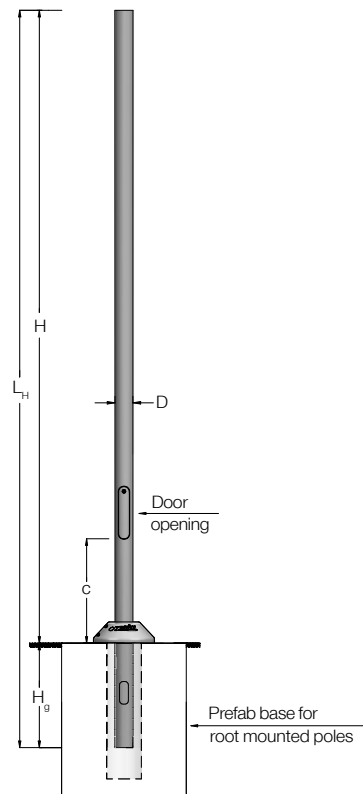
## 193 Series

SANTA 193/40/T/4	4000	4	Φ193	Φ400x12	300x85	600	A-M3A A-M4	BAG M20/60/Z/235	M20x600	235x235	PR-M/800/235/20
SANTA 193/50/T/4	5000					Φ400x15		800	BAG M24/75/Z/235		M24x750
SANTA 193/60/T/4	6000			BAG M24/75/Z/235				M24x750	PR-M/1000/235/20		
SANTA 193/70/T/4	7000	5									
SANTA 193/70/T/5	7000	5									
SANTA 193/80/T/4	8000	4									
SANTA 193/60/T/5	8000	5									

## ZINLUX SANTA

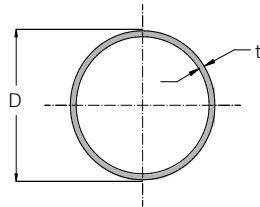
## Root mounted

Pole drawing model



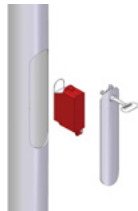
- Introduction** Decorative straight steel lighting pole ZINLUX SANTA of circular cross-section without base plate (root mounted) and a decorative scissile die-cast aluminium base.
- Material** Steel tube from hot rolled steel grade S235JR according to EN10025 manufactured to EN 10219.
- Surface protection** Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).
- Technical features** It is manufactured with a piece of cylindrical steel pole. 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. It is provided with cable entry slot. Manufacturing according to EN-40.
- Certificates** CE Certificate of Notified European Body (EN-40, European Commission).

## Cross-section



Straight pole of circular cross-section (D: diameter, 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-M1, A-M2, A-M3,  
A-M3A, A-M4

Junction boxes are made from polyamide resins, self-extinguishing and infrangible IP43 (A-M1, A-M2, A-M4) and IP54 (A-M3, A-M3A) and IK08 (A-M1, A-M2, A-M3A, A-M3). It is suitable for poles of section  $\Phi 102$  (A-M1, A-M3),  $\Phi 121$  (A-M3A, A-M2, A-M4) and  $\Phi 133$ ,  $\Phi 140$  and  $\Phi 160$  (A-M3A, A-M4).

## Aluminium door cover



PG A1, PG A2

An alternative choice of a door opening is the aluminium protective cover with a special lock and its own key for easy use. Protection IP55 through elastic gasket at the electrical compartment and protection against external mechanical impact IK08. It is suitable for poles of section  $\Phi 102$  (PG A1),  $\Phi 121$ ,  $\Phi 133$ ,  $\Phi 140$  and  $\Phi 160$  (PG A2).

### Decorative tops

#### Top's accessories

##### K Series



Die-cast aluminium top accessory for top mounting in pole with spigot  $\Phi 102$  (K-102),  $\Phi 121$  (K-120),  $\Phi 133$  (K-133),  $\Phi 140$  (K-140) and  $\Phi 160$  (K-160).

##### SF Series



Inox decorative sphere  $\Phi 100$  (SF-100),  $\Phi 120$  (SF-120) and  $\Phi 150$  (SF-150). It is necessarily combined with die-cast aluminium top accessory K-102 (SF-100, SF-120) and K-121, K-133, K-140 (SF-150).

##### T Series



Die-cast aluminium top accessory  $\Phi 60$  for fitting in the luminaire for pole spigot  $\Phi 102$  (T 60/102),  $\Phi 121$  (T 60/120). Alternatively, there is a special steel top accessory  $\Phi 60$  for fitting in the luminaire for pole spigot  $\Phi 133$  (T 60/133),  $\Phi 140$  (T 60/140) and  $\Phi 160$  (T 60/160).

### 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.

##### B-S/AL Series aluminium bases

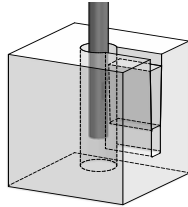


Decorative die-cast aluminium scissile base AS 12F with external diameter  $\Phi 330$ mm or  $\Phi 410$ mm. It is suitable for poles of cross-section from  $\Phi 102$ mm (B-S/AL-330/102),  $\Phi 121$ mm (B-S/AL-330/121),  $\Phi 133$ mm (B-S/AL-330/133) and  $\Phi 140$ mm (B-S/AL-420/140) και  $\Phi 160$ mm (B-S/AL-420/160). **Benefits:**

- It facilitates maintenance work as it can be easily mounted and dismantled without removing the shaft of pole.

Prefab base for root  
mounted poles

### Pole anchor 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 SANTA

## Root mounted

## 100 Series












											
										Junction box	Prefab base
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	Code	Code
SANTA 100/36/3	3600	3000	600	3	Ø102	600	300x70	150x50	A-M1 A-M3	PR-P/700	
SANTA 100/36/4				4							
SANTA 100/46/3	4600	4000		3							
SANTA 100/46/4				4							
SANTA 100/58/3	5800	5000	800	3							800
SANTA 100/58/4				4							
SANTA 100/68/3	6800	6000		3							
SANTA 100/68/4				4							
SANTA 100/78/4	7800	7000		4							

## 120 Series

SANTA 120/36/3	3600	3000	600	3	Ø121	600	300x75	150x50	A-M3A A-M2 A-M4	PR-P/700	
SANTA 120/36/4				4							
SANTA 120/46/3	4600	4000		3							
SANTA 120/46/4				4							
SANTA 120/58/3	5800	5000	800	3							800
SANTA 120/58/4				4							
SANTA 120/68/3	6800	6000		3							
SANTA 120/68/4				4							
SANTA 120/78/4	7800	7000		4							
SANTA 120/88/4	8800	8000									

## 133 Series

SANTA 133/46/4	4600	4000	600	4	Ø133	600	300x80	150x50	A-M3A A-M4	PR-P/700
SANTA 133/58/4	5800	5000	800			800				
SANTA 133/68/4	6800	6000								
SANTA 133/78/4	7800	7000								

											
										Junction box	Prefab base
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	Code	Code
SANTA 133/78/5	7800	7000		5							
SANTA 133/88/4	8800	8000	800	4	Ø133	800	300x80	150x50	A-M3A A-M4		
SANTA 133/88/5				5							

**140 Series**

SANTA 140/46/4	4600	4000	600	4	Ø140	600	300x80	150x50	A-M3A A-M4		PR-P/700
SANTA 140/58/4	5800	5000	800			800					
SANTA 140/68/4	6800	6000									
SANTA 140/78/4	7800	7000	5			800					
SANTA 140/78/5			4								
SANTA 140/88/4	8800	8000	4								
SANTA 140/88/5			5								

**160 Series**

SANTA 160/46/4	4600	4000	800	4	Ø160	600	300x85	150x50	A-M3A A-M4		PR-P/700	
SANTA 160/58/4	5800	5000				800						
SANTA 160/68/4	6800	6000										
SANTA 160/78/4	7800	7000				5						800
SANTA 160/78/5						4						
SANTA 160/88/4	8800	8000				4						
SANTA 160/88/5						5						

**193 Series**

SANTA 193/46/4	4600	4000	600	4	Ø193	600	300x85	150x50	A-M3A A-M4	
SANTA 193/58/4	5800	5000	800			800				
SANTA 193/68/4	6800	6000								
SANTA 193/78/4	7800	7000	5			800				
SANTA 193/68/5			4							
SANTA 193/88/4	8800	8000	4							
SANTA 193/88/5			5							



[www.zincometal.gr](http://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

