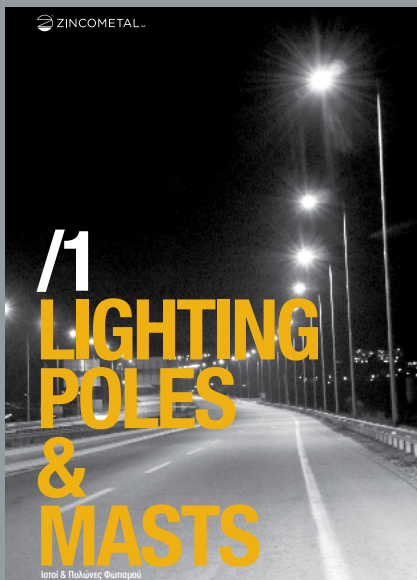


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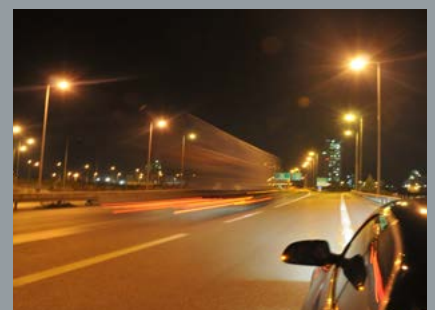
[/ products / lighting poles & masts / street lighting poles](#)

PRODUCT NO:

DESCRIPTION:

IMAGE

octagonal conical



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.

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1.1. Street Lighting Poles

1.1.1. Octagonal Conical

Image 1

Octagonal conical steel lighting poles with base plate, with street lighting brackets, with prefab anchor bases and ZINLUX street lighting luminaires.



Image 2

Octagonal conical steel lighting poles with base plate, with street lighting brackets, with prefab anchor bases and street lighting luminaires ZINLUX STRADA.



Image 3

Octagonal conical steel lighting poles with base plate, with street lighting brackets, with prefab anchor bases and street lighting luminaires ZINLUX ORION.

**Image 4**

(PATHE Motorway)



Image 5
(Egnatia Motorway)

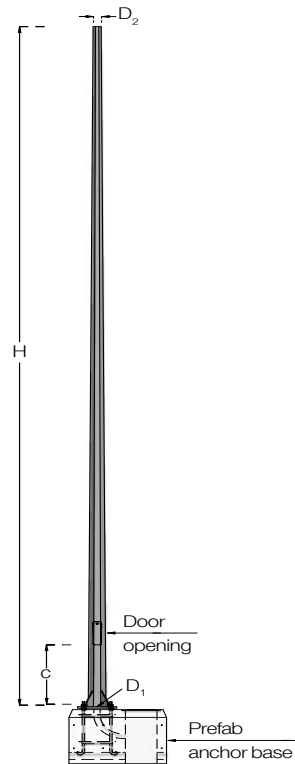


Image 6
(Egnatia Motorway)



Octagonal Conical With base plate

Pole drawing model



Material Hot rolled steel grade S235JR according to EN 10025.

Surface protection Hot-dip galvanized (in bath with bigger length than the length of the pole) according to International Standard EN ISO 1461.

Manufacturing Octagonal conical steel pole is made from steel sheet which is bended in special machines on regular octagon profile with constant taper. It consists from one (1) single piece for a pole height of up to 12.00m. The lighting pole, up to 12.00m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). For a better static analysis there is a base plate with triangular gussets. 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 with stainless screw and security key ZINCOMETAL of triangular socket which is easy to use. Manufacturing according to EN 40.

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

Attached information Headload capacity tables for street lighting poles (see Appendix A).

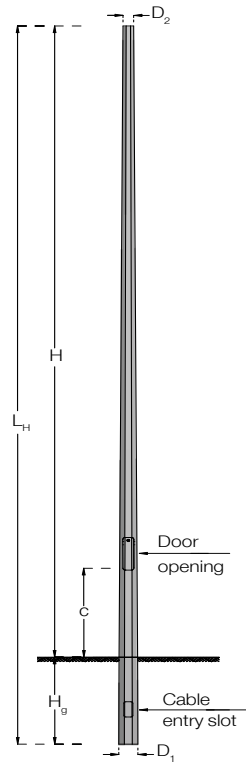
Table of Octagonal Conical Poles

With base plate

									Anchor base			Junction box	
Code	mm	mm	mm	mm	mm	mm	mm	kg	Code	mm	mm	Code	
KN303T	3000	3	Ø120	Ø65	310x310x10	300x60	600	28	BAG M16/50/Z/235	M16x500	235x235	A-M3	
KN304T	4000	3						35				A-M3	
KN305T	5000	3	Ø126					300x65				45	A-M1
KN405T		4										55	
KN306T	6000	3	Ø136	Ø65	400x400x10	300x65	800	60	BAG M20/60/Z/280	M20x600	280x280	A-M3A	
KN406T		4						72				A-M2	
KN307T	6800	3	Ø146	Ø65	400x400x12	300x72	800	71	BAG M20/60/Z/280	M20x600	280x280	A-M3A	
KN407T		4						83				A-M2	
KN308T	7800	3	Ø156	Ø65	400x400x15	300x75	800	85	BAG M24/75/Z/280	M24x750	280x280	A-M3A	
KN408T		4						100				A-M2	
KN309T	8800	3	Ø166	Ø65	400x400x15	300x75	800	92	BAG M24/75/Z/280	M24x750	280x280	A-M3A	
KN409T		4						113				A-M2	
KN310T	9800	3	Ø176	Ø65	400x400x15	300x80	800	107	BAG M24/75/Z/280	M24x750	280x280	A-M4	
KN410T		4						130				A-M3A	
KN311T	10800	3	Ø186	Ø65	400x400x20	300x85	800	128	BAG M24/75/Z/280	M24x750	280x280	A-M4	
KN411T		4						160				A-M3	
KN312T	11800	3	Ø196	Ø65	400x400x20	300x85	800	135	BAG M24/75/Z/280	M24x750	280x280	A-M4	
KN412T		4						170				A-M4/2	
KN512T		5						206				A-M3A	

Octagonal Conical Root mounted

Pole drawing model



Material Hot rolled steel grade S235JR according to EN 10025.

Surface protection Hot-dip galvanized (in bath with bigger length than the pole) according to International Standard EN ISO 1461.

Manufacturing Octagonal conical steel pole is made from steel sheet bend in special machines on regular octagon profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12.00m. The lighting pole, up to 12.00m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). 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 with stainless screw and security key ZINCOMETAL of triangular socket which is easy to use. It is provided with cable entry slot. Manufacturing according to EN 40.

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

Attached information Headload capacity tables for street lighting poles (see Appendix A).

Table of Octagonal Conical Poles

Root mounted

Table 1 of 2























												
											Junction box	
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	Code
KN3030	3000	2500	500	3	Ø102	Ø60	600	300x60	150x50	19	A-M3 A-M1	
KN3035	3500	3000			21							
KN3040	4000	3500			26							
KN3045	4500	4000			29							
KN3050	5000	4500			33							
KN3055	5500	5000			3					38		
KN4055					4					51		
KN3060	6000	5500			3					48		
KN4060					4					64		
KN3068	6800	6000	800	3	Ø146	Ø65	800	300x65	150x50	47	A-M3A A-M2	
KN4068				4						62		
KN3078	7800	6800	1000	3	Ø156	Ø65	800	300x72	150x50	60	A-M3A A-M2	
KN4078				4						77		
KN3088	8800	7800	1000	3	Ø166	Ø65	800	300x75	150x50	68	A-M3A A-M2	
KN4088				4						91		
KN3098	9800	8800	1000	3	Ø176	Ø65	800	300x75	150x50	83	A-M3A A-M2	
KN4098				4						110		
KN4098/1				4	138							
KN5098/1				5	172							
KN3108	10800	9800	1000	3	Ø196	Ø65	800	300x80	150x50	100	A-M4 A-M3A	
KN4108				4						134		
KN4108/1				4	151							
KN5108/1				5	189							

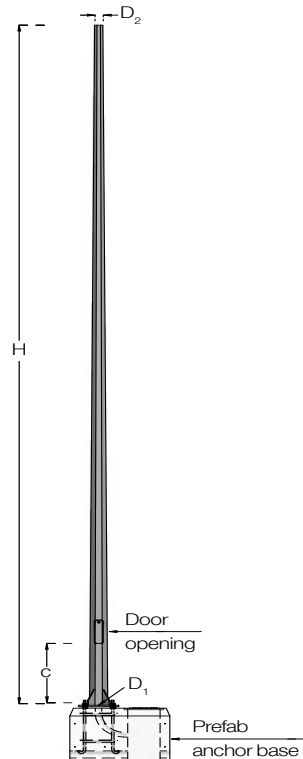
Table 2 of 2

											
											Junction box
Code	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	Code
KN3118	11800	10800	1000	3	Ø196	Ø65	800	300x85	150x50	110	A-M4 A-M3A
KN4118				4						147	
KN4118/1				4	168						
KN5118/1				5	200						
KN4128	12800	11800	1000	4	Ø196	Ø65	800	300x85	150x50	159	A-M4 A-M4/2 A-M3A
KN4128/1				4	Ø220	Ø90				183	
KN5128				5	Ø196	Ø65				198	
KN5128/1				5	Ø220	Ø90				228	

Octagonal Conical

With base plate (top $\Phi 90\text{mm}$)

Pole drawing model



Material Hot rolled steel grade S235JR according to EN 10025.

Surface protection Hot-dip galvanized (in bath with bigger length than the pole) according to International Standard EN ISO 1461.

Manufacturing Octagonal conical steel pole is made from steel sheet bend in special machines on regular octagon profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12.00m. The lighting pole, up to 12.00m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). For a better static analysis there is a base plate with triangular gussets. 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 with stainless screw and security key ZINCOMETAL of triangular socket which is easy to use. Manufacturing according to EN 40.

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

Attached information Headload capacity tables for street lighting poles (see Appendix A).

Table of Octagonal Conical Poles

With base plate (top $\Phi 90\text{mm}$)

Table 1 of 2

									Anchor base			Junction box
Code	mm	mm	mm	mm	mm	mm	mm	kg	Code	mm	mm	Code
KY306T	6000	3	$\Phi 155$	$\Phi 90$	400x400x10	300x75	800	75	BAG M20/60/Z/280	M20x600	280x280	A-M3A A-M2
KY406T		4						92				
KY506T		5						107				
KY307T	6800	3	$\Phi 165$	$\Phi 90$	400x400x15	300x75	800	84	BAG M24/75/Z/280	M24x750	280x280	A-M3A A-M2
KY407T		4						105				
KY507T		5						124				
KY308T	7800	3	$\Phi 175$	$\Phi 90$	400x400x15	300x75	800	93	BAG M24/75/Z/280	M24x750	280x280	A-M3A A-M2
KY408T		4						119				
KY508T		5						138				
KY408TD		4	$\Phi 200$	400x400x20	300x85	115						
KY508TD		5				140						
KY409T	8800	4	$\Phi 180$	$\Phi 90$	400x400x15	300x80	800	144	BAG M24/75/Z/280	M24x750	280x280	A-M4 A-M3A
KY509T		5						158				
KY609T		6						185				
KY409TD		4	$\Phi 220$	400x400x20	300x85	151						
KY509TD		5				181						
KY609TD		6				212						
KY410T	9800	4	$\Phi 200$	$\Phi 90$	400x400x15	300x85	800	145	BAG M24/75/Z/280	M24x750	280x280	A-M4 A-M3A
KY510T		5						173				
KY410TD		4	$\Phi 220$	400x400x20	300x85	166						
KY510TD		5				200						

Table 2 of 2

									Anchor base			Junction box
Code	mm	mm	mm	mm	mm	mm	mm	kg	Code	mm	mm	Code
KY412T	11800	4	Ø230	Ø90	400x400x20	300x85	800	194	BAG M24/75/Z/280	M24x750	280x280	A-M4 A-M4/2 A-M3A
KY512T		5						234				
KY612T		6						275				
KY414T	13800	4	Ø240	Ø90	500x500x20	300x100	800	285	BAG M27/100/Z/350	M27x1000	350x350	A-M4 A-M4/2 A-M3A
KY514T		5						345				
KY614T		6						405				
KY415T	14800	4	Ø250	Ø90	500x500x20	300x100	800	311	BAG M27/100/Z/350	M27x1000	350x350	A-M4 A-M4/2 A-M3A
KY515T		5						378				
KY615T		6						444				

Appendix A Street lighting poles headload capacity tables

Octagonal Conical

With base plate

Table
Octagonal Conical
With base plate

Code	Zone I (36m/sec=129.6km/h)						Zone II (30m/sec=108km/h)					
	Luminaires			Floodlights (400W-0.21m ²)			Luminaires			Floodlights (400W-0.21m ²)		
	2	3	4	2	3	4	2	3	4	2	3	4
KN303T	v	v	v	v	-	-	v	v	v	v	v	-
KN304T	v	v	v	v	-	-	v	v	v	v	v	-
KN305T	v	-	-	-	-	-	v	v	v	v	-	-
KN405T	v	v	v	v	v	-	v	v	v	v	v	v
KN306T	v	-	-	-	-	-	v	v	v	v	-	-
KN406T	v	v	v	v	v	-	v	v	v	v	v	v
KN307T	v	-	-	-	-	-	v	v	v	v	-	-
KN407T	v	v	v	v	v	-	v	v	v	v	v	-
KN308T	-	-	-	-	-	-	v	v	v	v	v	-
KN408T	v	v	v	v	v	-	v	v	v	v	v	v
KN309T	-	-	-	-	-	-	v	v	v	v	v	-
KN409T	v	v	v	v	-	-	v	v	v	v	v	v
KN310T	-	-	-	-	-	-	v	v	v	v	-	-
KN410T	v	v	v	v	-	-	v	v	v	v	v	v
KN311T	-	-	-	-	-	-	v	v	v	v	-	-
KN411T	v	-	-	v	-	-	v	v	v	v	v	v
KN312T	-	-	-	-	-	-	v	v	v	v	-	-
KN412T	v	-	-	v	-	-	v	v	v	v	v	v
KN512T	v	v	v	v	v	-	v	v	v	v	v	v

Octagonal Conical

Root mounted

Table
Octagonal Conical
Root mounted
(Table 1 of 2)

Code	Zone I (36m/sec=129.6km/h)						Zone II (30m/sec=108km/h)					
	Luminaires			Floodlights (400W-0.21m ²)			Luminaires			Floodlights (400W-0.21m ²)		
	2	3	4	2	3	4	2	3	4	2	3	4
KN3030	v	v	-	-	-	-	v	v	v	v	-	-
KN3035	v	-	-	-	-	-	v	v	v	v	-	-
KN3040	v	v	v	v	-	-	v	v	v	v	v	-
KN3045	v	-	-	-	-	-	v	v	v	v	-	-
KN3050	v	-	-	-	-	-	v	v	v	v	-	-
KN3055	v	v	v	-	-	-	v	v	v	v	-	-
KN4055	v	v	v	v	-	-	v	v	v	v	v	v
KN3060	v	-	-	-	-	-	v	v	v	v	-	-
KN4060	v	v	v	v	-	-	v	v	v	v	v	v
KN3068	v	-	-	-	-	-	v	v	v	v	-	-
KN4068	v	v	v	v	-	-	v	v	v	v	v	v
KN3078	v	v	v	-	-	-	v	v	v	v	v	-
KN4078	v	v	v	v	-	-	v	v	v	v	v	v
KN3088	v	v	v	-	-	-	v	v	v	v	v	-
KN4088	v	v	v	v	-	-	v	v	v	v	v	v
KN3098	v	v	v	-	-	-	v	v	v	v	v	-
KN4098	v	v	v	v	-	-	v	v	v	v	v	v
KN4098/1	v	v	v	v	v	v	v	v	v	v	v	v
KN5098/1	v	v	v	v	v	v	v	v	v	v	v	v
KN3108	v	-	-	-	-	-	v	v	v	v	v	-
KN4108	v	v	v	v	v	-	v	v	v	v	v	v
KN4108/1	v	v	v	v	v	v	v	v	v	v	v	v
KN5108/1	v	v	v	v	v	v	v	v	v	v	v	v
KN3118	-	-	-	-	-	-	v	v	v	v	-	-
KN4118	v	v	v	v	-	-	v	v	v	v	v	v
KN4118/1	v	v	v	v	v	-	v	v	v	v	v	v

(Table 2 of 2)

Code	Zone I (36m/sec=129.6km/h)						Zone II (30m/sec=108km/h)					
	Luminaires			Floodlights (400W-0.21m ²)			Luminaires			Floodlights (400W-0.21m ²)		
	2	3	4	2	3	4	2	3	4	2	3	4
KN5118/1	v	v	v	v	v	v	v	v	v	v	v	v
KN4128	v	-	-	-	-	-	v	v	v	v	v	-
KN4128/1	v	v	v	v	-	-	v	v	v	v	v	v
KN5128	v	v	v	v	-	-	v	v	v	v	v	v
KN5128/1	v	v	v	v	v	-	v	v	v	v	v	v

Octagonal Conical
With base plate (top Φ90mm)

Table
Octagonal Conical
With base plate (top Φ90)
(Table 1 of 2)

Code	Zone I (36m/sec=129.6km/h)						Zone II (30m/sec=108km/h)					
	Luminaires			Floodlights (400W-0.21m ²)			Luminaires			Floodlights (400W-0.21m ²)		
	2	3	4	2	3	4	2	3	4	2	3	4
KY306T	v	v	v	v	-	-	v	v	v	v	v	v
KY406T	v	v	v	v	v	v	v	v	v	v	v	v
KY506T	v	v	v	v	v	v	v	v	v	v	v	v
KY307T	v	v	v	v	-	-	v	v	v	v	v	v
KY407T	v	v	v	v	v	v	v	v	v	v	v	v
KY507T	v	v	v	v	v	v	v	v	v	v	v	v
KY308T	v	v	v	v	-	-	v	v	v	v	v	v
KY408T	v	v	v	v	v	v	v	v	v	v	v	v
KY508T	v	v	v	v	v	v	v	v	v	v	v	v
KY408TD	v	v	v	v	v	v	v	v	v	v	v	v
KY508TD	v	v	v	v	v	v	v	v	v	v	v	v
KY409T	v	v	v	v	v	-	v	v	v	v	v	v
KY509T	v	v	v	v	v	v	v	v	v	v	v	v
KY609T	v	v	v	v	v	v	v	v	v	v	v	v
KY409TD	v	v	v	v	v	v	v	v	v	v	v	v
KY509TD	v	v	v	v	v	v	v	v	v	v	v	v

(Table 2 of 2)

Code	Zone I (36m/sec=129.6km/h)						Zone II (30m/sec=108km/h)					
	Luminaires			Floodlights (400W-0.21m ²)			Luminaires			Floodlights (400W-0.21m ²)		
	2	3	4	2	3	4	2	3	4	2	3	4
KY609TD	v	v	v	v	v	v	v	v	v	v	v	v
KY410T	v	v	v	v	v	-	v	v	v	v	v	v
KY510T	v	v	v	v	v	v	v	v	v	v	v	v
KY410TD	v	v	v	v	v	v	v	v	v	v	v	v
KY510TD	v	v	v	v	v	v	v	v	v	v	v	v
KY412T	v	v	v	v	v	-	v	v	v	v	v	v
KY512T	v	v	v	v	v	v	v	v	v	v	v	v
KY612T	v	v	v	v	v	v	v	v	v	v	v	v
KY414T	v	-	-	v	-	-	v	v	v	v	v	v
KY514T	v	v	v	v	v	-	v	v	v	v	v	v
KY614T	v	v	v	v	v	v	v	v	v	v	v	v
KY415T	-	-	-	-	-	-	v	v	v	v	v	v
KY515T	v	v	v	v	v	-	v	v	v	v	v	v
KY615T	v	v	v	v	v	v	v	v	v	v	v	v

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