



FIBERGLASS POLES



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Integrated Energy Solutions



Since our beginnings as a manufacturer of electrical components in Egypt 80 years ago, Elsewedy Electric has evolved into a global provider of energy, digital and infrastructure solutions, generating revenues of approximately 3 Billion USD annually. We operate in five key business sectors: Wire & Cable, Electrical Products, Engineering & Construction, Smart Infrastructure, and Infrastructure Investments. At the heart of our approach is an all-in-one integrated Engineering, Procurement & Construction (EPC) service which enables us to deliver even the most complex projects on time and within budget.

We are pioneers of energy management and efficiency. As part of our commitment to sustainability we have

established green energy and smart metering projects across Africa, the Middle East and Eastern Europe. A vital part of our mission is ensuring that the communities where we operate develop and flourish.

Our growth has been based on sound financials and a commitment to hiring talented individuals. As well as empowering businesses and communities, we have been a major contributor to the Egyptian, African and Middle Eastern economies.

Whichever stage you are at with your project we can help you through to completion and beyond.

A leader in integrated energy solutions

\$2.9 billion
Revenue

23 Giga Watts
Total number of delivered power

4k+ KiloMeters
Overhead Transmission Lines

95+ Substations
Indoor & Outdoor Substations

25M Square Meters
Sustainable Industrial Communities

23k+ KiloMeters
Distribution Networks

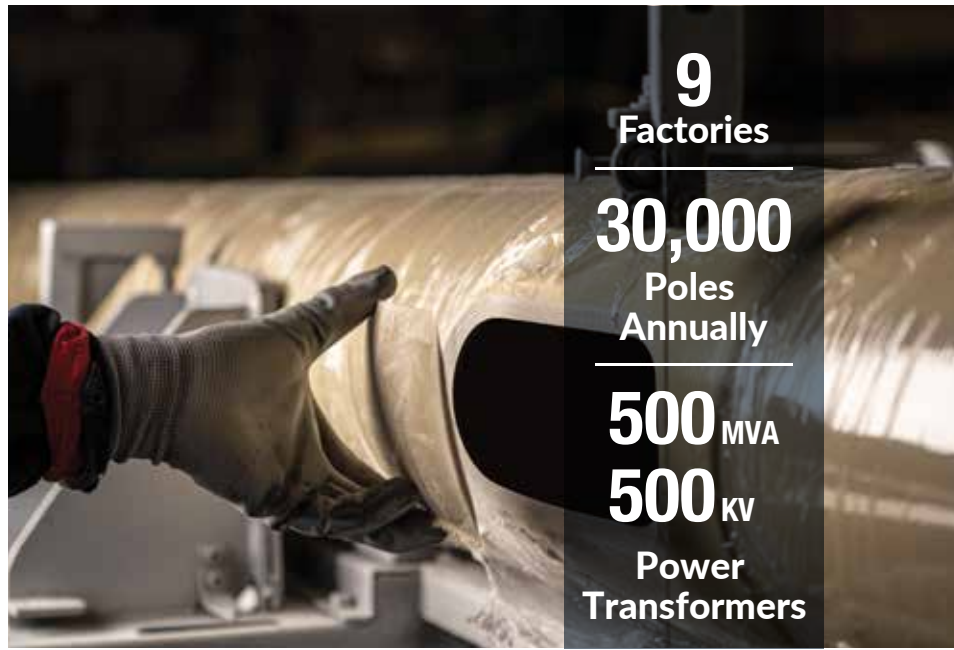


Integrated Energy Solutions

- Wire & Cable
- Electrical Products
- Engineering & Construction
- Smart Infrastructure
- Infrastructure Investments



Electrical Products Business Line



We manufacture fiberglass poles with a production capacity of 30,000 poles/year. They are light in weight, easy to install and maintenance-free.

Our Electrical products portfolio also includes wind towers and a complete range of Power and Distribution transformers; Dry and Oil with a production capacity of 12500 MVA per year through our state-of-the-art manufacturing facilities extending through Middle East and Africa.

All products are manufactured with the highest standards and are rigorously tested to meet every challenge.

Global Presence



Cables & Accessories



Electrical Products



Meters



Transformers



Telecommunication



Renewable energy



Projects & Development



Export

Fiberglass Poles Factory



In line with its mission to supply the market with integrated energy solutions, ELSEWEDY ELECTRIC has established its factory of Fiberglass poles in 1998, with a production capacity of 30,000 poles annually, covering all applications. In 2015, the factory has been merged with EGYPLAST, the leading manufacturer of plastic compounds and raw materials in Middle East and Africa.

Our factory is equipped with the latest German technologies and labs where the design & testing process is according to international standards (ISO 9001 / ISO 14001 / ISO 45001).

We have the capability to produce fiberglass poles up to 14 meters long, in different arm types and colors, with a choice of direct burial or anchor base. The poles are light in weight, easy to install and maintenance-free. As non-conductors of electricity, they also offer a higher degree of safety.

Street Lighting Poles



Street Lighting Poles



Applications

Decorative Poles



Decorative Poles



Solar Energy Poles



Flood Lighting Arms



Flag Poles



Traffic Signs



Sign Poles



Power Transmission Poles



ADVANTAGES

Safe

Electrically isolated:

Prevents transmission of electric charges generated from electric shocks during heavy rain and floods.

Light structure:

Our poles absorb impact, hence reduces danger in accidental traffic collisions.

Environmentally Sustainable:

Fiberglass has a long life-span and doesn't require ongoing maintenance.

Durable

Significant mechanical and dynamic specifications:

- Bears wind speed up to 160 km/h.
- Resistant to bending and deflection for fixed load that results from arms & luminaries weight and variable load that results from wind speed.

Maintenance:

Unlike regular poles, our fiberglass poles does not require regular maintenance. Thanks to its anti-corrosion / anti-rust characteristics that stands out in bad weather conditions, dust or fumes.

Guaranteed long lifespan:

Anti-rust and anti-corrosion material with a 10 year warranty.

Resistance to vibrations:

Our fiberglass poles are manufactured from high flexible material. Hence, their vibration rate reaches almost half the vibration rate of non-fiberglass poles.

Resistance to chemicals:

High resistance to chemicals, moist and salt which suits rough weather conditions in coastal areas.

Economic

Ease and speed of handling:

Poles' light weight lessens the cost of installation and does not require special equipment in the installation process. Hence, it can be installed by direct burial or anchor base.

No e-painting maintenance:

Does not require repainting since colors are injected in the fiberglass material, and its resistant to UV rays as well, which ensures high color stability against harsh weather conditions.

Variety

Variation of designs:

Our poles come in various attractive designs, suitable for different applications. In addition, we offer order customization in terms of design and painting colors as per our clients' requests.

Printing on poles:

you can customize your own pole by printing any logo or design on it.



Product Designs

- Street Lighting Poles
- Street Poles Arms
- Decorative Poles
- Decorative Arms
- Decorative Bases
- Solar Energy Poles
- Flood Lighting Poles
- Flood Lighting Arms
- Flag Poles
- Traffic Signs & Signals
- Power Transmission Poles

Product Designs

Street Lighting Poles



STP-01



STP-02



STP-03



STP-04



STP-05



STP-06

Product Designs

Street Lighting Poles

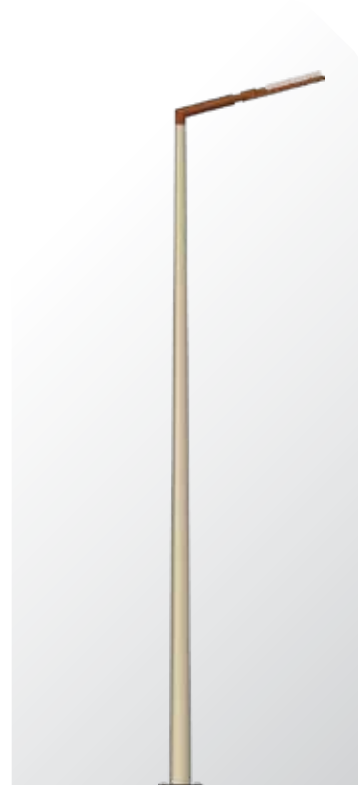
FIBERGLASS POLES



STP-08



STP-013



STP-014



STP-028



STP-029



STP-030

Product Designs

Street Lighting Poles



STP-031



STP - 09



STP - 032



STP - 033



STP - 011



STP-012

Product Designs

Street Lighting Poles



STP-034



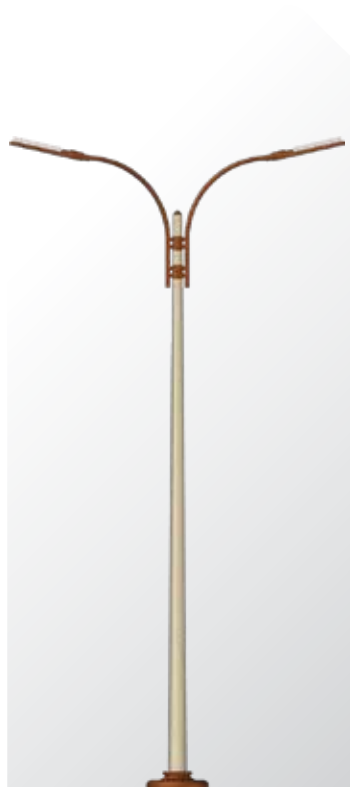
STP-035



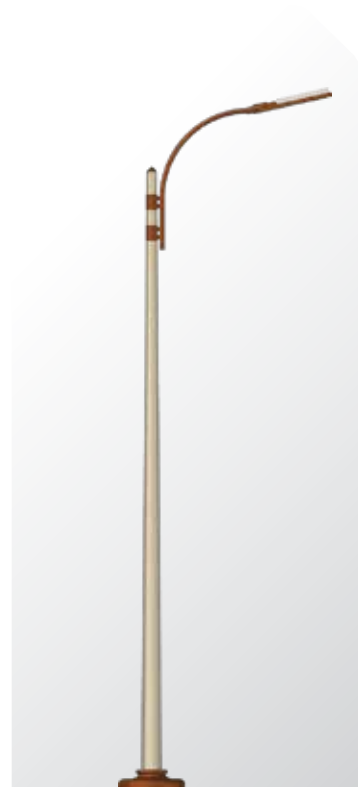
STP-036



STP-024



STP-025



STP-026

Product Designs

Street Lighting Poles



STP-037



STP-038



STP-039



STP-040



STP-015



STP-041

Product Designs

Street Poles Arms



SAG-02



DGA-02



SAG-27



SAG-23



SAG-22



DGA-05



TGA-01



QGA-01



SAG-19

Product Designs

Street Poles Arms



SAG-14



DGA-12



SAG-09



DGA-9



QAG-05



SAA-12



DAA-10



SAA-09



DAA-12

Product Designs

Street Poles Arms



SAA-13



DAA-13



SAA-26



DAA-25



DAA-14



SAA-16



DAA-16



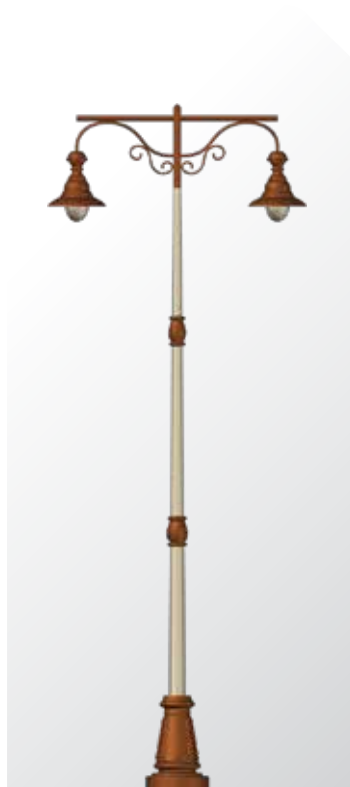
DAA-17

Product Designs

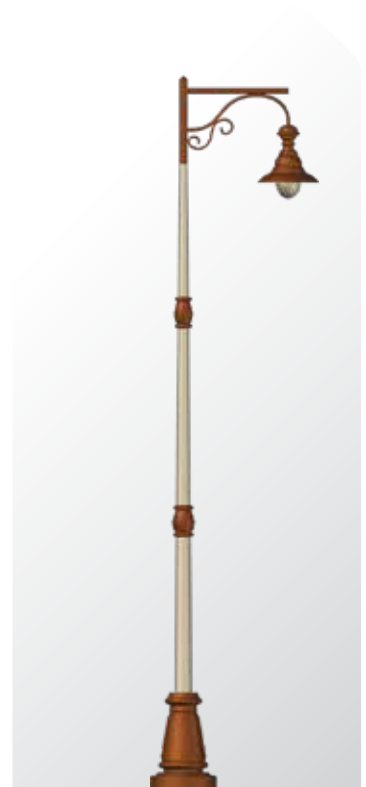
Decorative Poles



DCP - 001



DCP - 002



DCP - 003



DCP - 037



DCP - 005



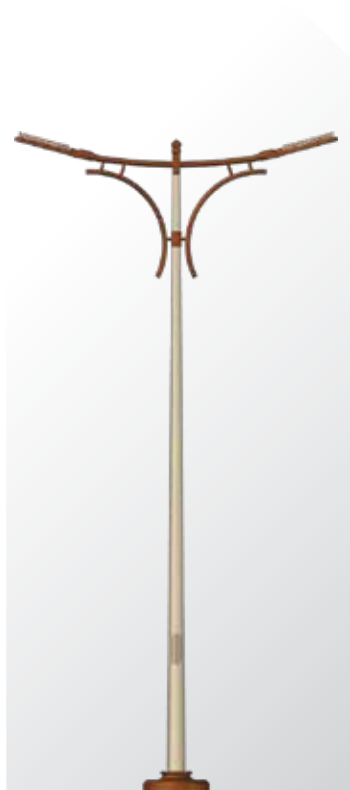
DCP - 004

Product Designs

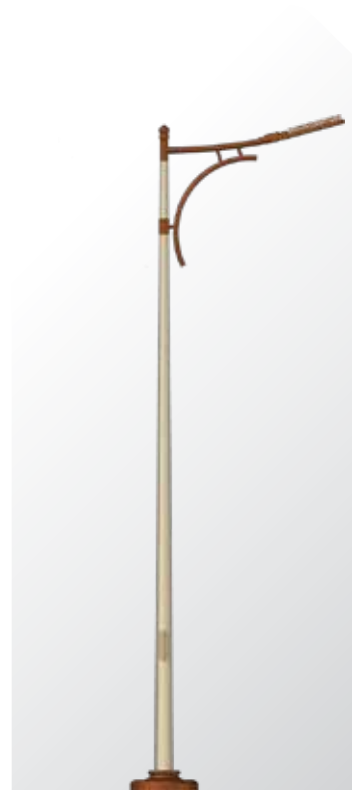
Decorative Poles



DCP - 006



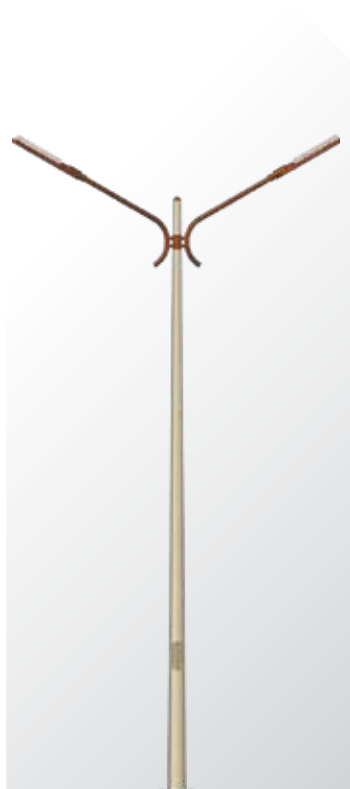
DCP - 007



DCP - 008



DCP - 009



DCP - 038



DCP - 039

Product Designs

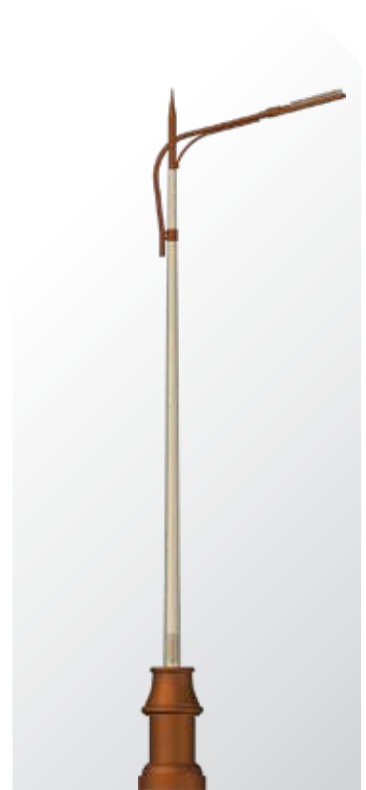
Decorative Poles



DCP - 010



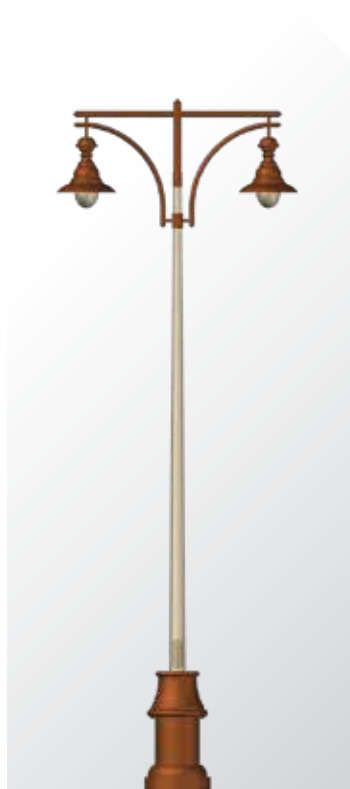
DCP - 039



DCP - 040



DCP - 041



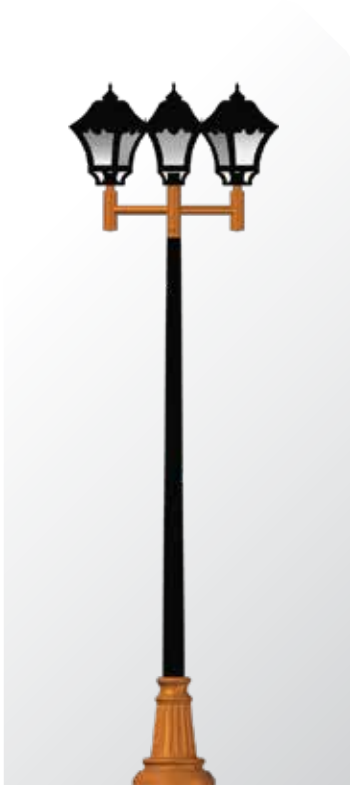
DCP - 042



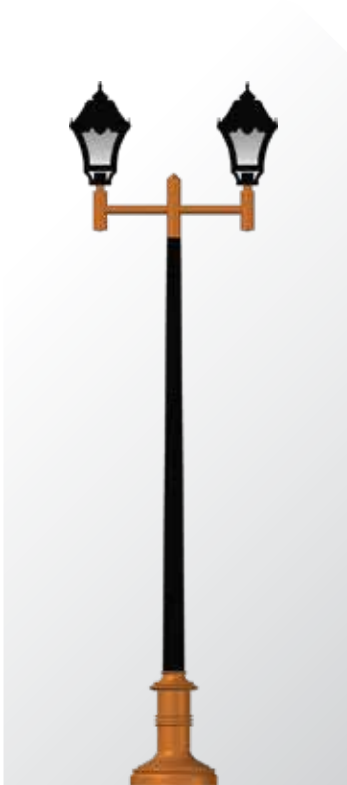
DCP - 043

Product Designs

Decorative Poles



DCP - 044



DCP - 045



DCP - 014



DCP - 022



DCP - 023



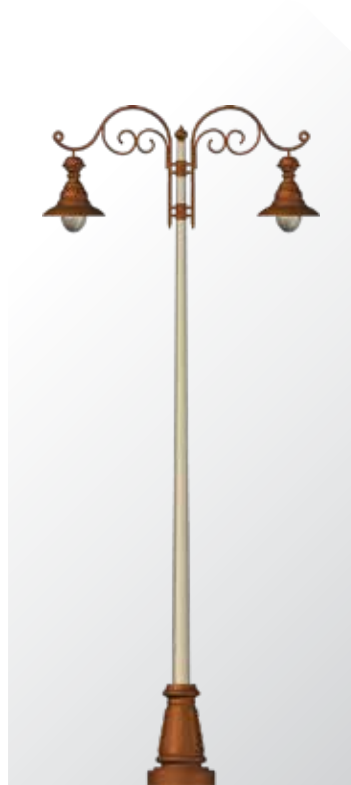
DCP - 025

Product Designs

Decorative Poles



DCP - 016



DCP - 017



DCP - 018



DCP - 046



DCP - 019



DCP - 057

Product Designs

Decorative Poles



DCP - 048



DCP - 020



DCP - 049



DCP - 058



DCP - 030



DCP - 031

Product Designs

Decorative Poles



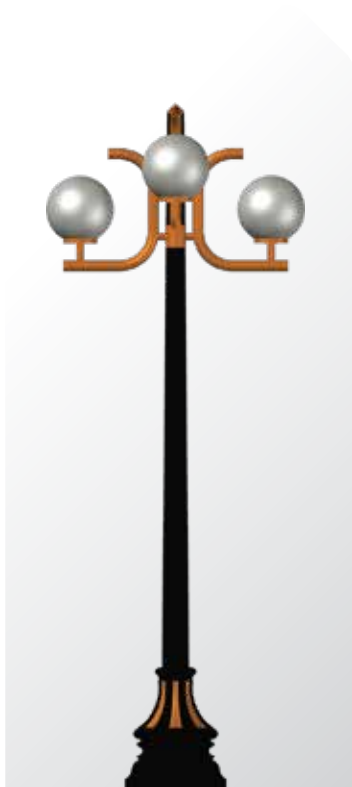
DCP - 026



DCP - 027



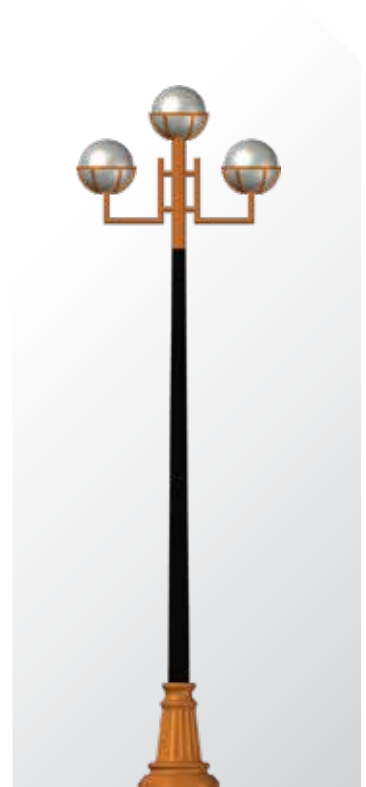
DCP - 051



DCP - 035



DCP - 036



DCP - 052

Product Designs

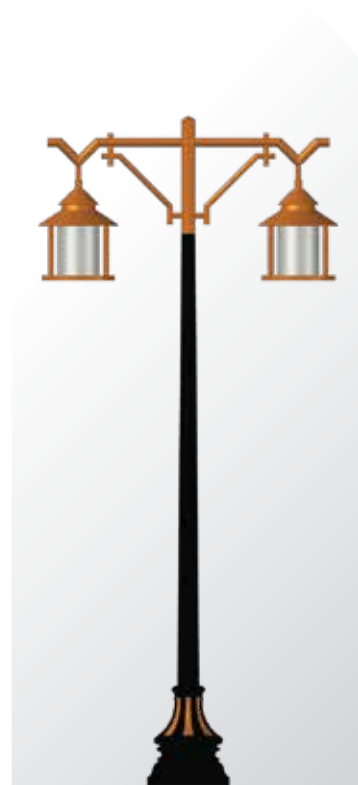
Decorative Poles



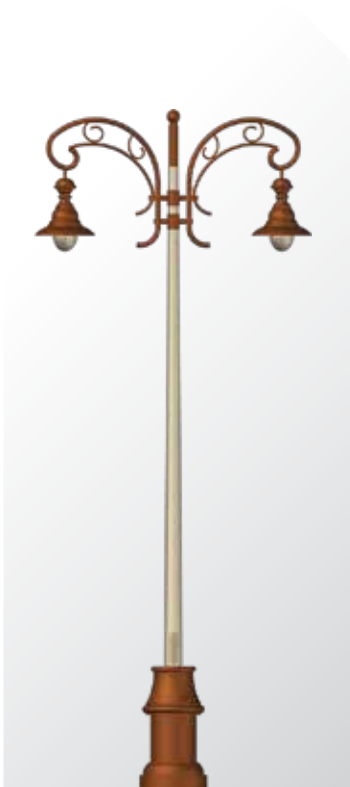
DCP - 033



DCP - 032



DCP - 053



DCP - 054



DCP - 055



DCP - 056

Product Designs

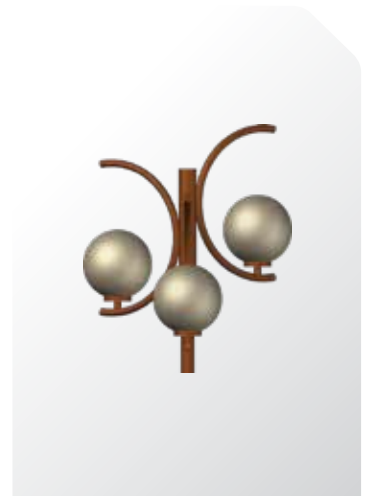
Decorative Arms



FA17-01



FA01-00



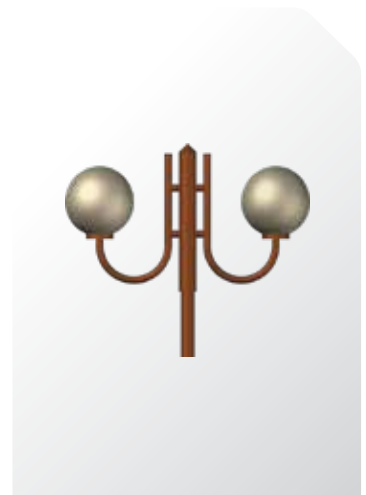
FA01-01



FA01-02



FA02-01



FA03-01



FA04-01



FA04-02



FA27-01

Product Designs

Decorative Arms



FA41-01



FA30-01



FA30-02



FA10-01



FA54-01



FA63-01



FA43-01



FA42-01



FA62-01

Product Designs

Decorative Arms



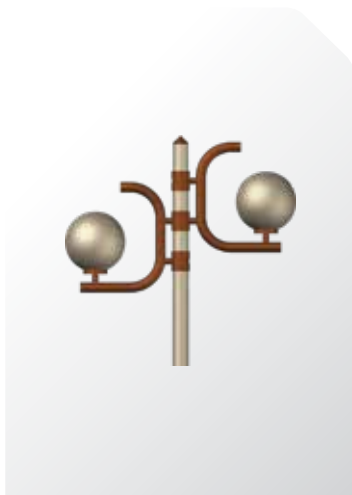
FA09-01



FA11-00



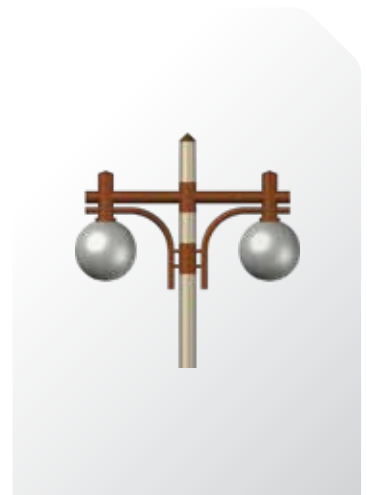
FA13-01



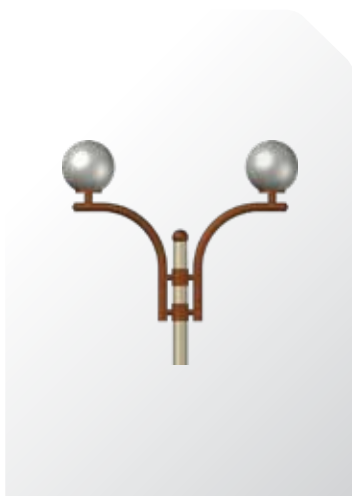
FA20-01



FA44-01



FA12-01



FA45-01



FA46-01



FA70-01

Product Designs

Decorative Arms



FA66-01



FA67-01



FA68-01



FA32-01



FA38-01



FA57-01



FA68-005



FA34-01



FA48-01

Product Designs

Decorative Arms



FA28-01



FA28-04



FA95-01



FA08-01



FA07-01



FA07-02



FA18-01



FA31-01



FA36-01

Product Designs

Decorative Arms



FA37-01



FA40-01



FA65-01



FA36-01



FA36-02



FA36-03



FA36-04



FA51-01



FA71-01

Product Designs

Decorative Arms



FA56-01



FA75-01



FA76-01



FA47-01



FA50-01



FA22-01



16-LL-07



16-LL-09



16-LL-010

Product Designs

Decorative Bases



FB-01



FB-02



FB-03



FB-04



FB-05



FB-06



FB-07



FB-08



FB-10

Product Designs

Decorative Bases



FB-12



FB-16



FB-18



FB-13



FB-15



FB-11



FB-19



FB-20



FB-21

Product Designs

Decorative Bases



FB-22



FB-23



FB-24



FB-25



FB-26



FB-27



FB-28



FB-31



FB-32

Product Designs

Decorative Bases



FB-33



FB-35



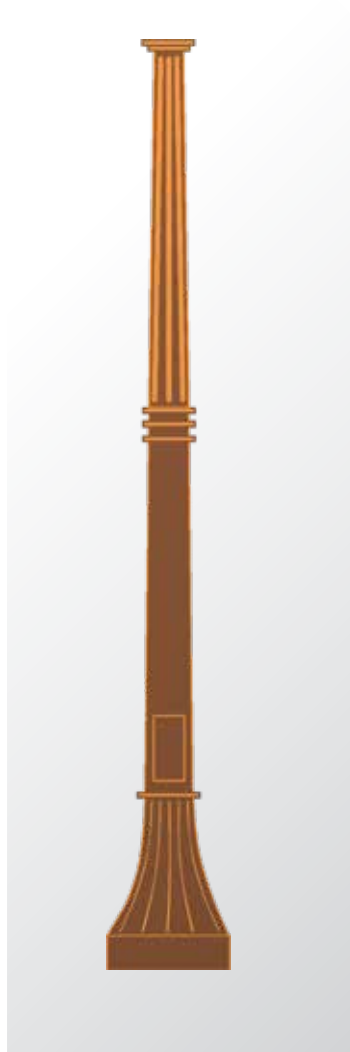
FB-37



FB-38



FB-40



FB-29

Product Designs

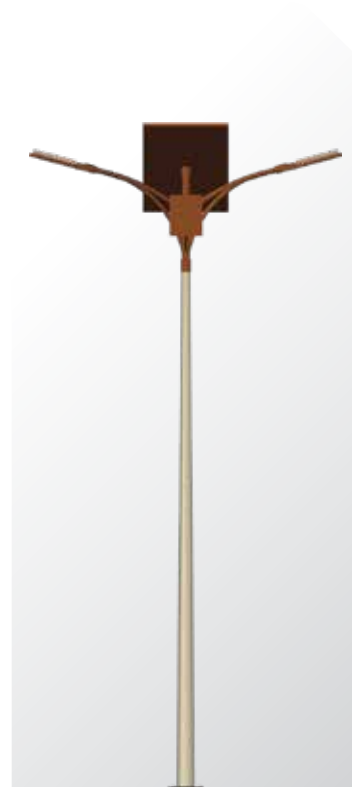
Solar Energy Poles



SOP - 09



SOP - 08



SOP - 012



SOP - 013



SOP - 017



SOP - 018

Product Designs

Flood Lighting Poles



FLP - 002



FLP - 003



FLP - 005



FLP - 006



FLP - 008



FLP - 009

Product Designs

Flood Lighting Poles



FLP - 016



FLP - 017



FLP - 011



FLP - 012



FLP - 015



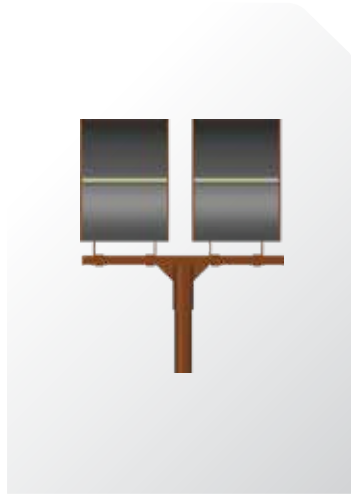
FLP - 013

Product Designs

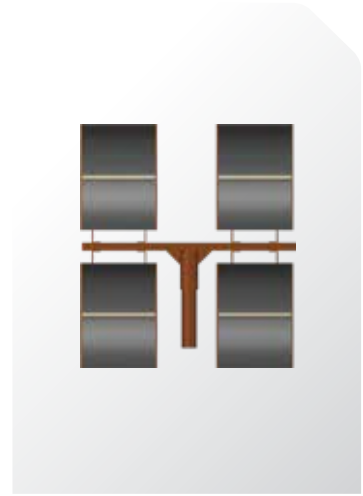
Flood Lighting Arms



FA14-04



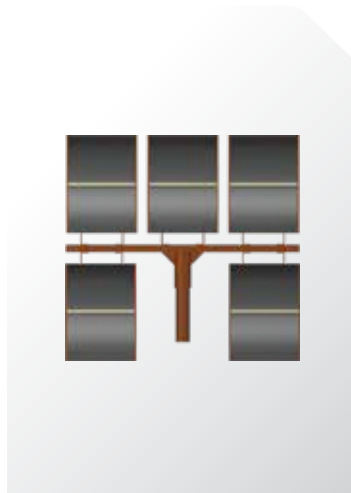
FA14-01A



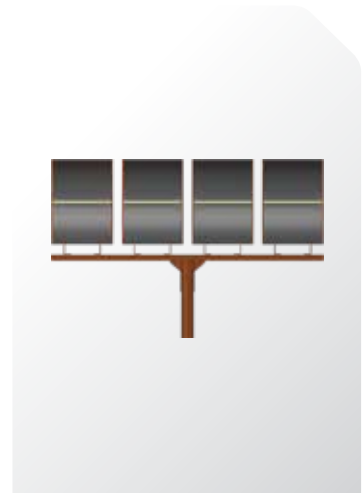
FA14-01B



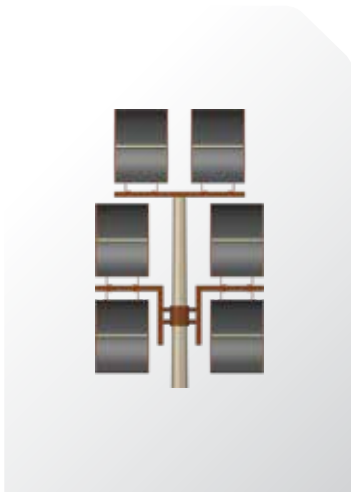
FA14-09A



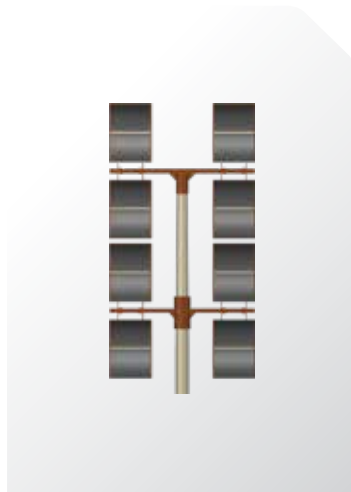
FA14-09B



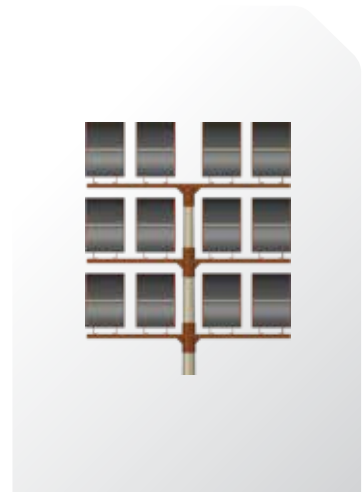
FA14-09C



FA16-01



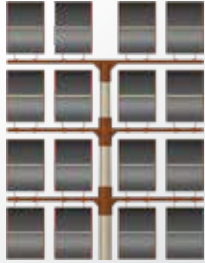
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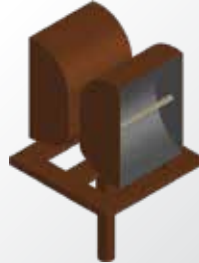
FA16-03A

Product Designs

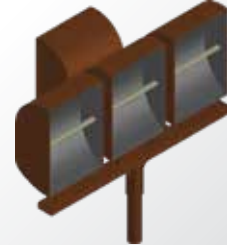
Flood Lighting Arms



FA16-03B



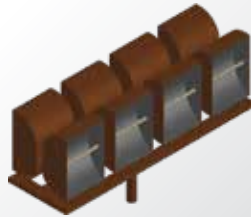
FA64-02



FA64-04



FA64-09



FA64-11



FA14-12



FA14-11



FA14-08



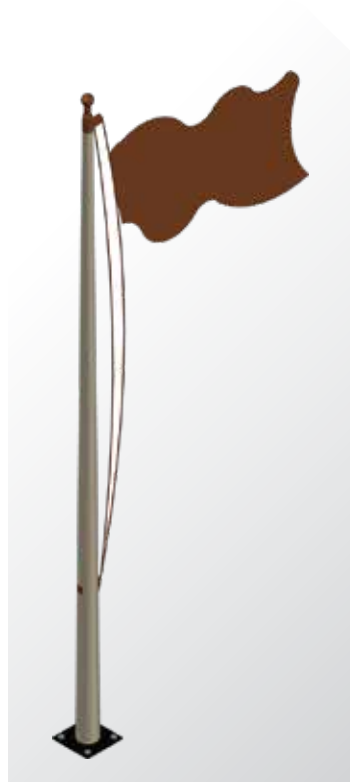
FA14-06

Product Designs

Flag Poles



FLGP - 001



FLGP - 002



FLGP - 005

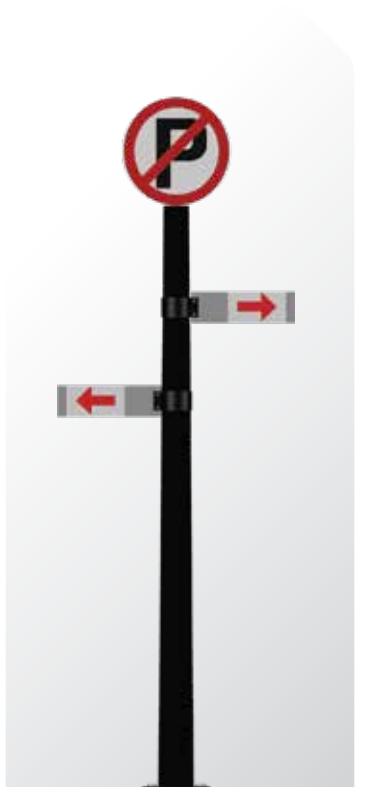
Traffic Signs, Signals



SIP - 004



SIP - 001



SIP - 002

Product Designs

Power Transmission Poles



TRP - 003



TRP - 004



TRP - 001



TRP-005

Product Designs

Dimensions of Decorative Bases

FIBERGLASS POLES

Code	Pole Length (mm)																			Base Dim.(mm)				
	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000	11000	12000	13000	14000	2500	2500		
FB01																						550	500	
																							750	500
FB02																							550	500
FB03																							600	450
FB04																							500	400
																							600	450
FB05																							600	450
FB06																							600	450
FB07																							1000	550
FB08																							1250	450
FB10																							800	450
																							1000	550
																							1500	800
FB11																							200	650
																							200	450
FB12																							1200	650
FB13																							900	550
FB15																							1200	600
																							1200	600
																							1500	630
																							1550	850
FB16																							1200	500
FB18																							2200	700
																							1750	650
FB19																							1250	500
FB20																							1000	500
FB21																							1900	600
																							1900	450
																							1800	700
FB22																							1550	750
FB23																							1250	450
FB24																							2200	855
FB25																							1209	720
FB26																							1200	750
FB27																							2200	1000
FB28																							1200	600
FB29																							4000	520
FB30																							800	600
FB31																							1200	600
FB32																							1200	600
FB33																							1500	650
FB34																							1200	600
FB35																							1500	550
FB37																							2250	850
FB38																							1250	400
FB40																							950	600

Product Designs



RAL 5005 Signal Blue



RAL 5015 Sky Blue



RAL 5007 Brilliant Blue



RAL 5002 Ultramarine Blue



RAL 5018 Turquoise Blue



RAL 6019 Pastel Green



RAL 6029 Mint Green



RAL 6036 Pearl Opal Green



RAL 6033 Mint Turquoise



RAL 6027 Light Green



RAL 6010 Grass Green



RAL 5024 Pastel Blue



RAL 1016 Sulfur Yellow



RAL 1001 Beige



RAL 1018 Zinc Yellow



RAL 1021 Rape Yellow



RAL 7003 Moss Grey



RAL 8002 Signal Brown



RAL 2010 Signal Orange



RAL 1017 Saffron Yellow



RAL 1015 Light Ivory



RAL 1028 Melon Yellow



RAL 8023 Orange Brown



RAL 7008 Khaki Grey



RAL 2012 Salmon Orange



RAL 9016 Traffic White



RAL 9006 White Aluminium



RAL 9005 Jet Black



RAL 7015 Slate Grey



RAL 7035 Light Grey



RAL 7044 Silk Grey



RAL 8024 Beige Brown

Please Check The Original Ral Ref.

Product Designs

Product Designs

Projects

Projects



90th Street Bridge - New Cairo



El-Musheer Mosque - New Cairo



Queens Royal Hospital - Cairo



Petrosport Club - New Cairo

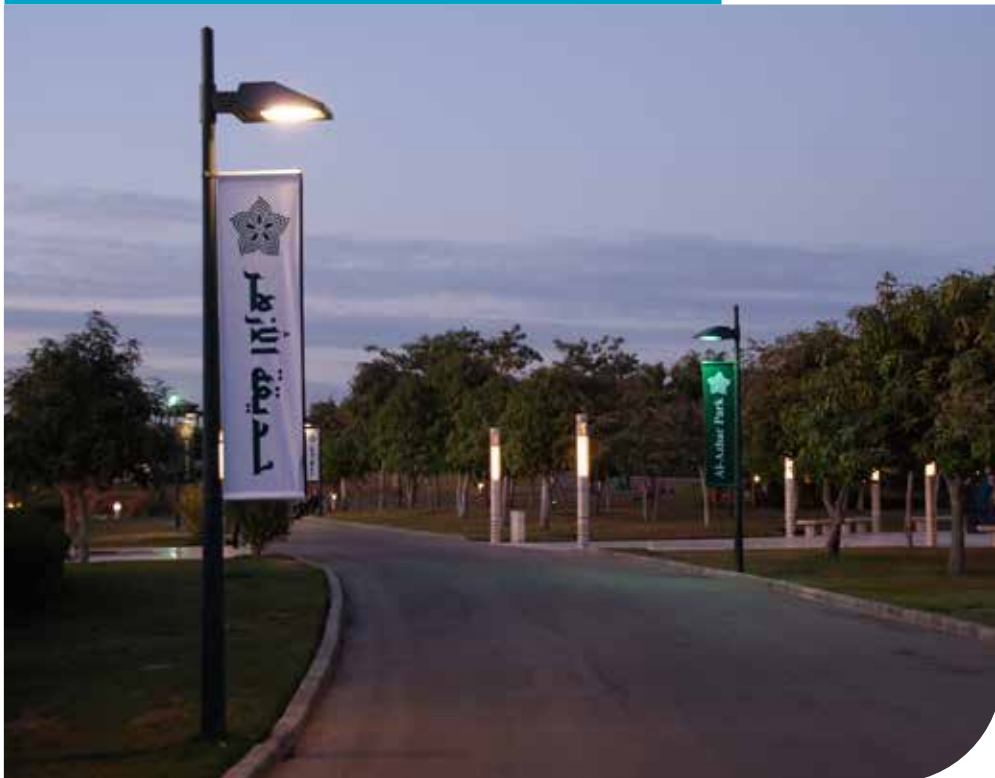


Projects

Engineers Syndicate Club 6th of October City



El-Azhar Park - Cairo



Beverly Hills - Al Sheikh Zayed



Smart Village - Giza



Projects

Air Forces Hospital - New Cairo



El-Ein El-Sokhna Highway



Cairo Alexandria Highway



El-Salam Road - Sharm El-Sheikh



Projects

Bayt El-Hamam - Sharm El-Sheikh



Pharos University - Alexandria



Alexandria Corniche



Maamoura Corniche - Alexandria



Projects

Marina - North Coast



El-Orouba Compound - North Cost



Golf Porto Marina



Amwaj - Sedi Abdel-Rahman



Projects

Porto Matrouh



Luxor Governorate



El-Alamein New City



Fes City - Morocco



Suez Canal University - Ismailia



Zanjibar Road - Yemen





Technical Data

- Direct Burial
- Anchor Base
- Galvanized Steel Base
- Locking options

Technical Data

Dimensions

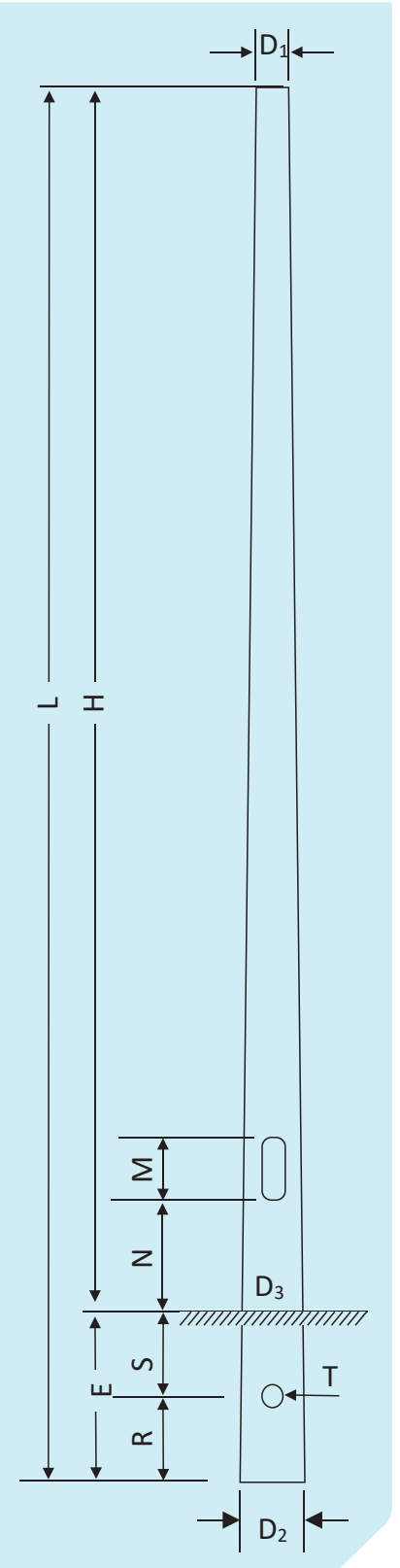
Type: Direct Burial

(A) Poles Top 76 mm

Slop 18 mm/m

All Dimensions (mm)

L	H	E	D1	D2	D3	R	S	T	N	M	
2000	1500	500	76	99	112	103	250	250	40	400	180
2500	2000	500	76	121	112	112	250	250	40	400	180
3000	2500	500	76	130	121	121	250	250	40	400	180
3500	3000	500	76	139	130	130	250	250	40	400	180
4000	3500	500	76	148	139	139	250	250	40	400	180
4500	4000	500	76	157	148	148	250	250	40	600	210
5000	4500	500	76	166	157	157	250	250	40	600	210
5500	5000	500	76	175	166	166	250	250	40	600	300
6000	5500	500	76	184	175	175	250	250	40	600	300
6500	6000	500	76	193	184	184	250	250	40	900	300
7000	6500	500	76	202	193	193	250	250	60	900	300
7500	7000	500	76	211	202	202	250	250	60	900	300
8000	7000	1000	76	220	202	202	500	500	60	900	300
8500	7500	1000	76	229	211	211	500	500	60	900	300
9000	8000	1000	76	238	220	220	500	500	60	1200	300
9500	8500	1000	76	247	229	229	500	500	60	1200	300
10000	9000	1000	76	256	238	238	500	500	60	1200	300
10500	9500	1000	76	265	247	247	500	500	60	1200	300
11000	10000	1000	76	274	256	256	500	500	60	1500	300
11500	10500	1000	76	283	265	265	500	500	60	1500	300
12000	11000	1000	76	292	274	274	500	500	60	1500	300
12500	11500	1000	76	301	283	283	500	500	60	1500	300
13000	11500	1500	76	310	283	283	750	750	60	1500	300
13500	12000	1500	76	319	292	292	750	750	60	1500	300
14000	12500	1500	76	328	301	301	750	750	60	1500	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

Dimensions

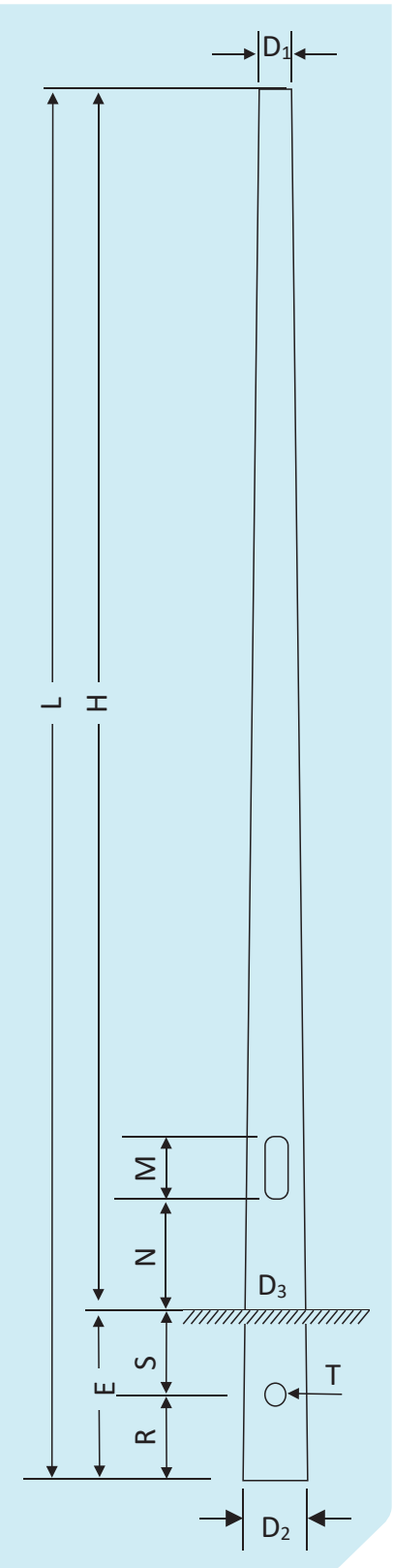
Type: Direct Burial

(B) Poles Top 73 mm

Slop 13 mm/m

All Dimensions (mm)

L	H	E	D1	D2	D3	R	S	T	N	M
2000	1500	500	73	99	92.5	250	250	40	400	180
2500	2000	500	73	105.5	99	250	250	40	400	180
3000	2500	500	73	112	105.5	250	250	40	400	180
3500	3000	500	73	118.5	112	250	250	40	400	180
4000	3500	500	73	125	118.5	250	250	40	400	180
4500	4000	500	73	131.5	125	250	250	40	600	210
5000	4500	500	73	138	131.5	250	250	40	600	210
5500	5000	500	73	144.5	138	250	250	40	600	300
6000	5500	500	73	151	144.5	250	250	40	600	300
6500	6000	500	73	157.5	151	250	250	40	900	300
7000	6500	500	73	164	157.5	250	250	60	900	300
7500	7000	500	73	170.5	164	250	250	60	900	300
8000	7000	1000	73	177	164	500	500	60	900	300
8500	7500	1000	73	183.5	170.5	500	500	60	900	300
9000	8000	1000	73	190	177	500	500	60	1200	300
9500	8500	1000	73	196.5	183.5	500	500	60	1200	300
10000	9000	1000	73	203	190	500	500	60	1200	300
10500	9500	1000	73	209.5	196.5	500	500	60	1200	300
11000	10000	1000	73	216	203	500	500	60	1500	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

Dimensions

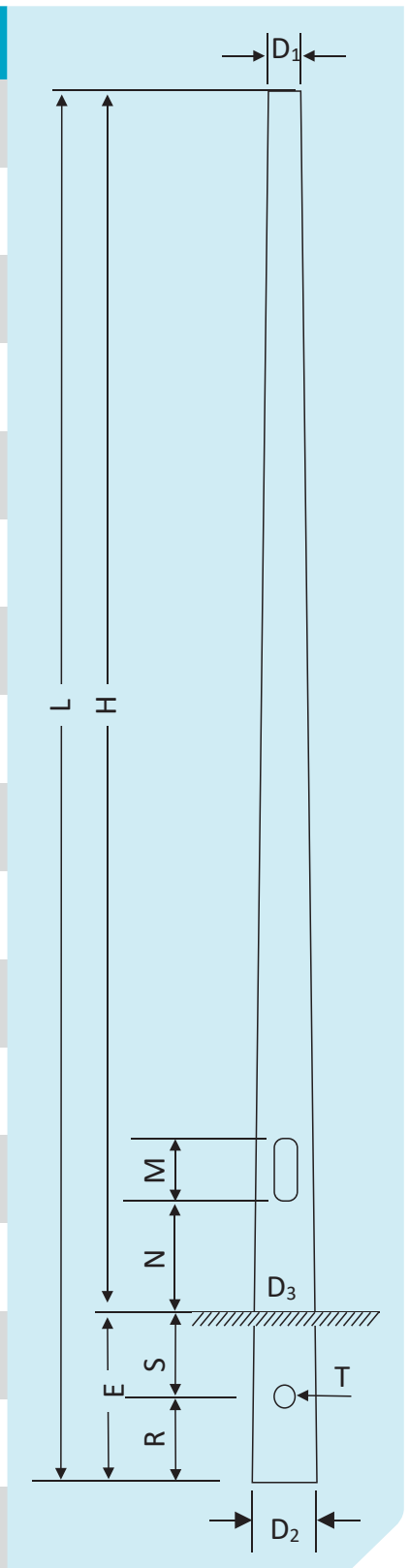
Type: Direct Burial

(C) Poles Top 60 mm

Slop 13 mm/m

All Dimensions (mm)

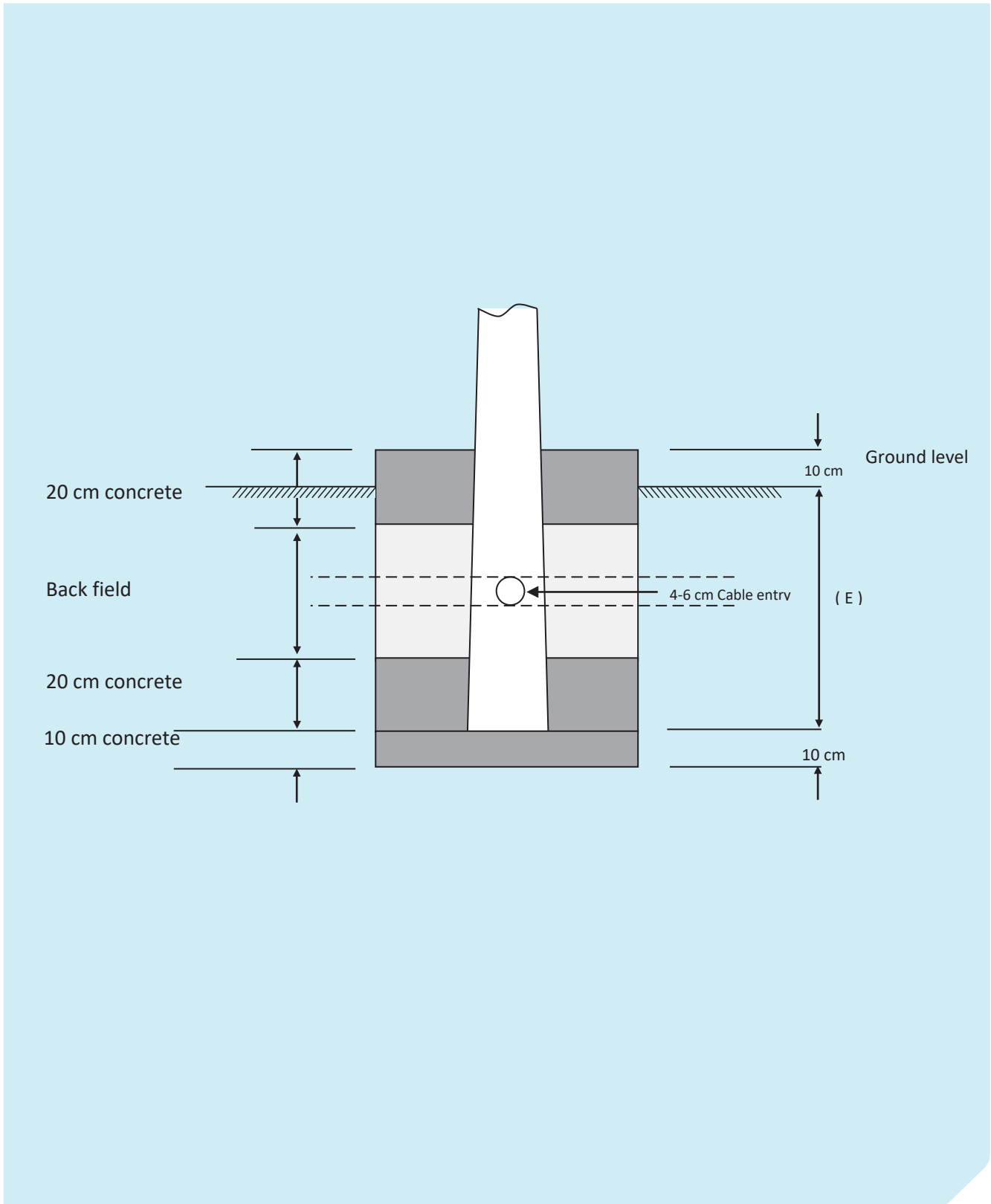
L	H	E	D1	D2	D3	R	S	T	N	M
2000	1500	500	60	86	79.5	250	250	40	400	180
2500	2000	500	60	92.5	86	250	250	40	400	180
3000	2500	500	60	99	92.5	250	250	40	400	180
3500	3000	500	60	105.5	99	250	250	40	400	180
4000	3500	500	60	112	105.5	250	250	40	400	180
4500	4000	500	60	118.5	112	250	250	40	600	210
5000	4500	500	60	125	118.5	250	250	40	600	210
5500	5000	500	60	131.5	118.5	250	250	40	600	300
6000	5500	500	60	138	131.5	250	250	40	600	300
6500	6000	500	60	144.5	138	250	250	40	900	300
7000	6500	500	60	151	144.5	250	250	60	900	300
7500	7000	500	60	157.5	151	250	250	60	900	300
8000	7000	1000	60	164	151	500	500	60	900	300
8500	7500	1000	60	170.5	157.5	500	500	60	900	300
9000	8000	1000	60	177	164	500	500	60	1200	300
9500	8500	1000	60	183.5	170.5	500	500	60	1200	300
10000	9000	1000	60	190	177	500	500	60	1200	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Dimensions

Procedure of fixed direct burial poles



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

Dimensions

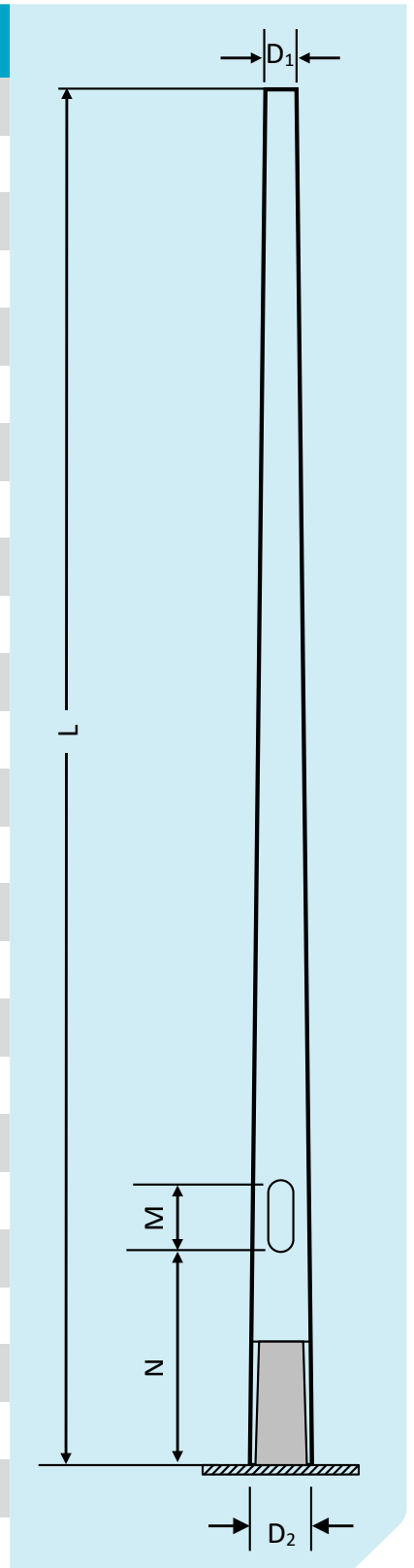
Type: Anchor Base

(A) Poles Top 76 mm

Slop 18 mm/m

All Dimensions (mm)

L	D1	D2	N	M
1500	76	103	400	180
2000	76	112	400	180
2500	76	121	400	180
3000	76	130	400	180
3500	76	139	400	180
4000	76	148	600	210
4500	76	157	600	210
5000	76	166	600	300
5500	76	175	600	300
6000	76	184	900	300
6500	76	193	900	300
7000	76	202	900	300
7500	76	211	900	300
8000	76	220	1200	300
8500	76	229	1200	300
9000	76	238	1200	300
9500	76	247	1200	300
10000	76	256	1500	300
10500	76	265	1500	300
11000	76	274	1500	300
11500	76	283	1500	300
12000	76	292	1500	300
12500	76	301	1500	300
13000	76	310	1500	300
13500	76	319	1500	300
14000	76	328	1500	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

Dimensions

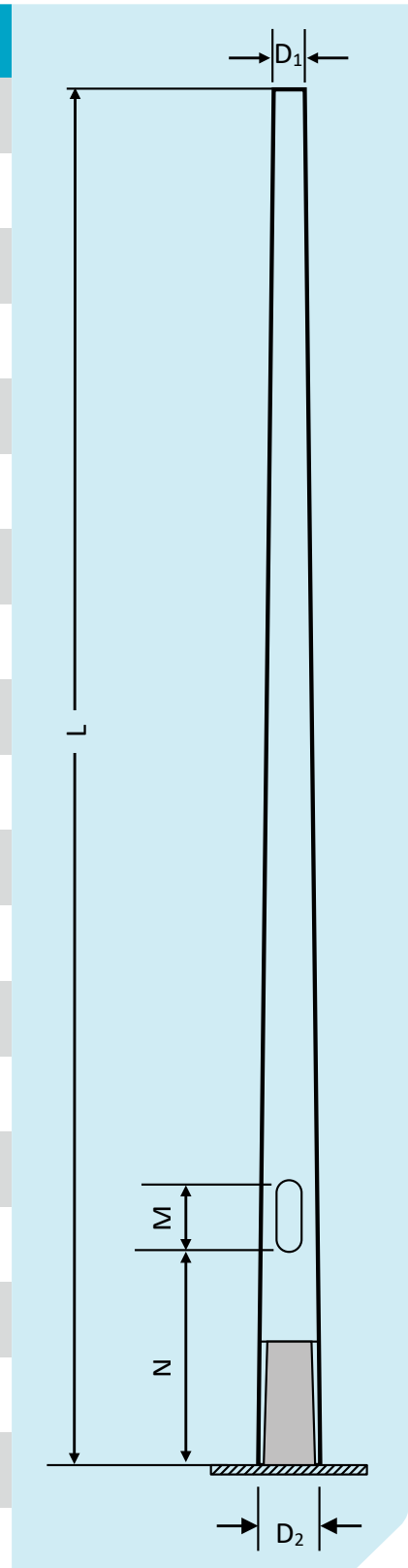
Type: Anchor Base

(B) Poles Top 73 mm

Slop 13mm/m

All Dimensions (mm)

L	D1	D2	N	M
1500	73	92.5	400	80
2000	73	99	400	180
2500	73	105.5	400	180
3000	73	112	400	180
3500	73	118.5	400	180
4000	73	125	600	210
4500	73	131.5	600	210
5000	73	138	600	300
5500	73	144.5	600	300
6000	73	151	900	300
6500	73	157.5	900	300
7000	73	164	900	300
7500	73	170.5	900	300
8000	73	177	1200	300
8500	73	183.5	1200	300
9000	73	190	1200	300
9500	73	196.5	1200	300
10000	73	203	1500	300
10500	73	209.5	1500	300
11000	73	216	1500	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

Dimensions

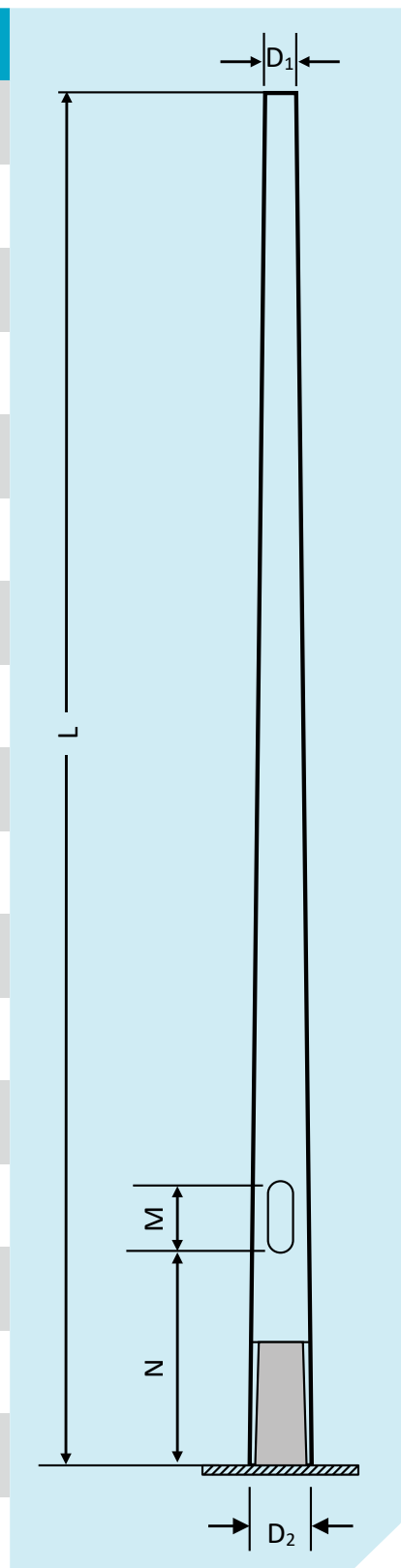
Type: Anchor Base

(C) Poles Top 60 mm

Slop 13mm/m

All Dimensions (mm)

L	D1	D2	N	M
1500	60	79.5	400	180
2000	60	86	400	180
2500	60	92.5	400	180
3000	60	99	400	180
3500	60	105.5	400	180
4000	60	112	600	210
4500	60	118.5	600	210
5000	60	118.5	600	300
5500	60	131.5	600	300
6000	60	138	900	300
6500	60	144.5	900	300
7000	60	151	900	300
7500	60	157.5	900	300
8000	60	164	1200	300
8500	60	170.5	1200	300
9000	60	177	1200	300
9500	60	183.5	1200	300
10000	60	190	1500	300



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

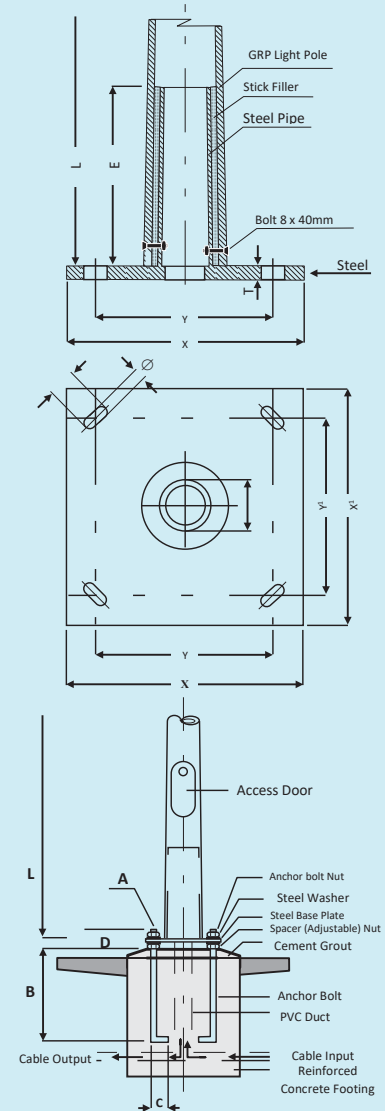
Dimensions

Type: Galvanized Steel Base

(A) Poles Top 76 mm

All Dimensions (mm)

L	X	X ¹	Y	Y ¹	T	E	Ø	A	D	B	C
1500	200	200	150	150	10	250	22	18	100	250	50
2000	200	200	150	150	10	250	22	18	100	250	50
2500	200	200	150	150	10	250	22	18	100	250	50
3000	250	250	200	200	10	250	22	18	100	250	50
3500	250	250	200	200	10	250	22	18	100	250	50
4000	250	250	200	200	10	250	24	20	100	250	50
4500	250	250	200	200	10	250	24	20	100	400	50
5000	350	350	300	300	10	550	24	20	100	300	100
5500	350	350	300	300	10	550	24	20	100	300	100
6000	350	350	300	300	10	550	24	20	100	300	100
6500	350	350	300	300	10	550	24	20	100	300	100
7000	400	400	300	300	10	550	24	20	100	300	100
7500	400	400	300	300	10	550	24	20	100	300	100
8000	400	400	300	300	10	550	26	22	100	300	100
8500	400	400	300	300	10	550	26	22	100	300	100
9000	400	400	300	300	10	550	26	22	100	300	100
9500	400	400	300	300	10	550	26	22	100	300	100
10000	400	400	300	300	10	550	26	22	100	400	100
10500	400	400	300	300	10	550	26	22	100	400	100
11000	400	400	300	300	10	550	26	22	100	400	100
11500	400	400	300	300	10	550	26	22	100	400	100
12000	400	400	300	300	10	550	28	24	100	500	100
12500	450	450	350	350	10	550	28	24	100	500	100
13000	450	450	350	350	10	550	28	24	100	500	100
13500	450	450	350	350	10	550	28	24	100	500	100
14000	450	450	350	350	10	550	28	24	100	500	100



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

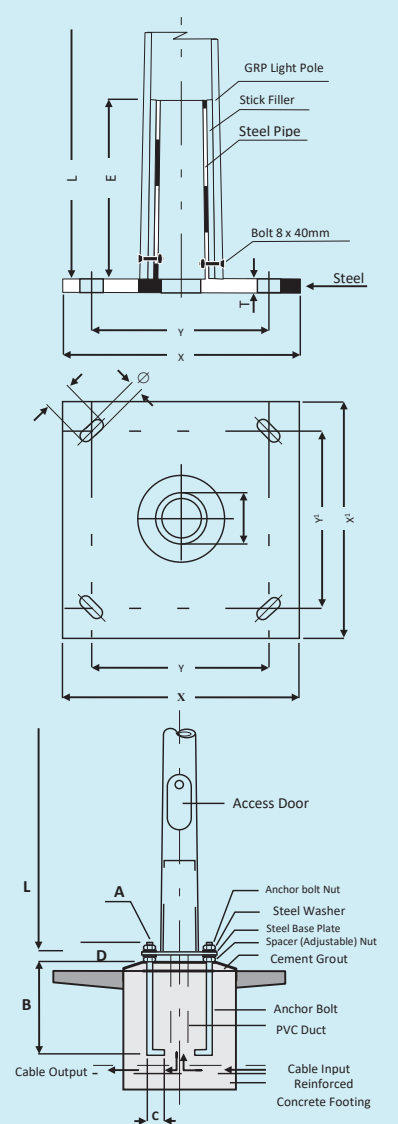
Dimensions

Type: Galvanized Steel Base

(B) Poles Top 73 mm

All Dimensions (mm)

L	X	X ¹	Y	Y ¹	T	E	Ø	A	D	B	C
1500	200	200	150	150	10	250	22	18	100	250	50
2000	200	200	150	150	10	250	22	18	100	250	50
2500	200	200	150	150	10	250	22	18	100	250	50
3000	250	250	200	200	10	250	22	18	100	250	50
3500	250	250	200	200	10	250	22	18	100	250	50
4000	250	250	200	200	10	250	24	20	100	250	50
4500	250	250	200	200	10	250	24	20	100	400	50
5000	300	300	250	250	10	550	24	20	100	300	100
5500	300	300	250	250	10	550	24	20	100	300	100
6000	300	300	250	250	10	550	24	20	100	300	100
6500	300	300	250	250	10	550	24	20	100	300	100
7000	300	300	250	250	10	550	24	20	100	300	100
7500	300	300	250	250	10	550	24	20	100	300	100
8000	350	350	250	250	10	550	26	22	100	300	100
8500	350	350	250	250	10	550	26	22	100	300	100
9000	350	350	250	250	10	550	26	22	100	300	100
9500	350	350	250	250	10	550	26	22	100	300	100
10000	350	350	250	250	10	550	26	22	100	400	100
10500	400	400	300	300	10	550	26	22	100	400	100
11000	400	400	300	300	10	550	26	22	100	400	100



Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

Technical Data

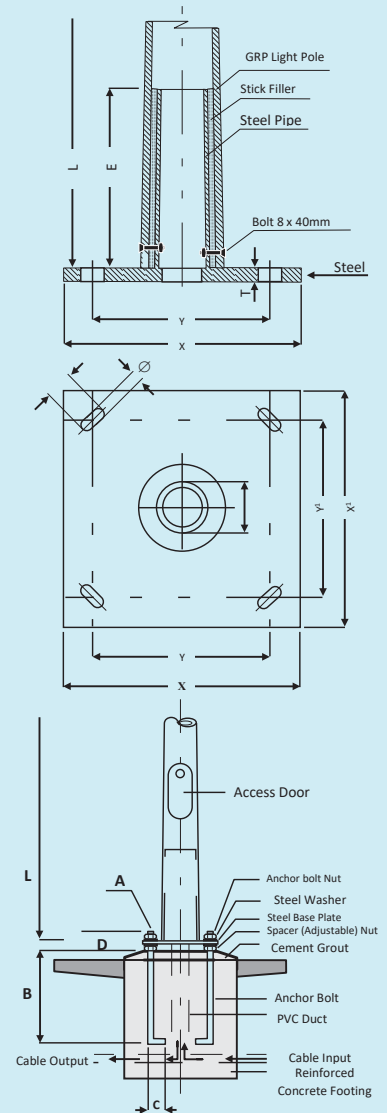
Dimensions

Type: Galvanized Steel Base

(C) Poles Top 60 mm

All Dimensions (mm)

L	X	X ¹	Y	Y ¹	T	E	Ø	A	D	B	C
1500	200	200	150	150	10	250	22	18	100	250	50
2000	200	200	150	150	10	250	22	18	100	250	50
2500	200	200	150	150	10	250	22	18	100	250	50
3000	250	250	200	200	10	250	22	18	100	250	50
3500	250	250	200	200	10	250	22	18	100	250	50
4000	250	250	200	200	10	250	24	20	100	250	50
4500	250	250	200	200	10	250	24	20	100	400	50
5000	300	300	250	250	10	550	24	20	100	300	100
5500	300	300	250	250	10	550	24	20	100	300	100
6000	300	300	250	250	10	550	24	20	100	300	100
6500	300	300	250	250	10	550	24	20	100	300	100
7000	300	300	250	250	10	550	24	20	100	300	100
7500	300	300	250	250	10	550	24	20	100	300	100
8000	350	350	250	250	10	550	26	22	100	300	100
8500	350	350	250	250	10	550	26	22	100	300	100
9000	350	350	250	250	10	550	26	22	100	300	100
9500	350	350	250	250	10	550	26	22	100	300	100
10000	350	350	250	250	10	550	26	22	100	400	100

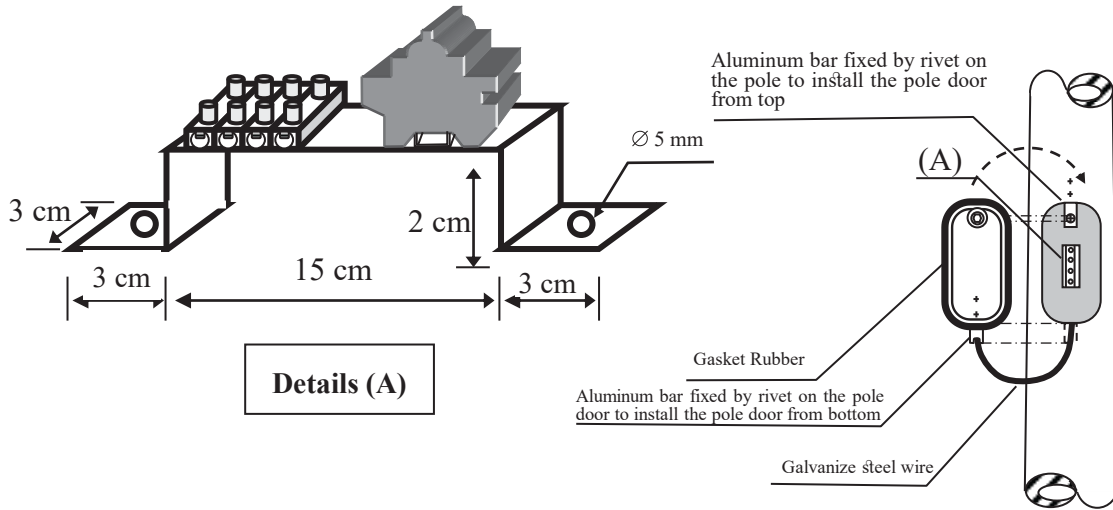


Above table showing pole sizes typically used for street lighting poles, so we can make designs according to customer requirements & poles applications.

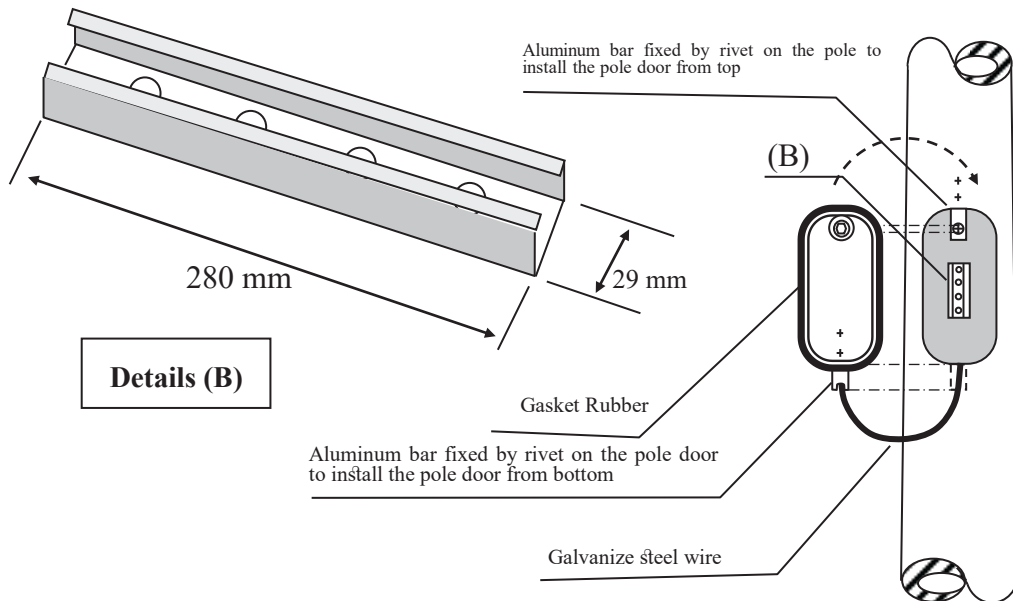
Technical Data

Dimensions

Locking Options



(1) TERMINAL BLOCK & CIRCUIT BREAKER



(2) CHANNEL FIXED FUSE BOX

Standards

National Research Center Certificates

Test	Standard	Tested Date	Result
Rate of Burning	ASTM-D635	2005	Pass
Tensile Strength	DIN EN ISO 527	2005	Pass
Elongation	DIN EN ISO 527	2005	Pass
Bending Strength	DIN 53390	2005	Pass
Impact Strength	DIN 53453	2005	Pass
Dielectrical Strength	ASTM D97-149a	2005	Pass

Faculty of Engineering Certificates – Cairo University

Test	Standard	Tested Date	Result
Rate of Burning	ASTM-E84	2003	Pass
Tensile Strength	ASTM 5083	2003	Pass
Elongation	ASTM 5083	2003	Pass
Bending Strength	ASTM 790	2003	Pass
Impact Strength	ASTM D256	2003	Pass
Dielectric Strength	ASTM D257	2003	Pass
Fiberglass Content	ASTM 2584	2003	Pass
Rigidity Test	ASTM 621	2003	Pass

National Institute for Standards Certificates

Test	Standard	Tested Date	Result
Rate of Burning	ASTM D635	2010	Pass
Tensile Strength	DIN EN ISO 5&4-527	2010	Pass
Elongation	DIN EN ISO 5&4-527	2010	Pass
Bending Strength	BS EN ISO 14125	2010	Pass
Impact Strength	ASTM D6110	2010	Pass
General Outdoor Lighting Poles Specs	ASTM D4923	2011	Pass

Tests have been done upon random samples

Test Certificates

Design Standards

Standard	Issue Date
AASHTO 5 th EDITION	2015
BS EN 1-3-40	2013
BS EN 3-3-40	2013

Tests Standards

Mechanical Properties Standards

Test	Standard	Issue Date
General Outdoor Lighting Poles Specs	ASTM-C136.20	2012
Tensile Strength	ISO 5&4 – 527	2014
Elongation	ISO 5&4 – 527	2014
Bending Strength	BS EN ISO 14125	1998
Impact Strength	ASTM D6110	2018

Electrical Properties Standards

Test	Standard	Issue Date
Surface Resistivity	ASTM-D257	2014
Volume Resistivity	ASTM-D257	2014
Dielectric Strength	ASTM-D257	2014

Physical Properties Standards

Test	Standard	Issue Date
Rate of Burning	ASTM-D635	2014

Comparison

Features	FRP Poles	Galvanized Steel Poles	Aluminum Poles	Concrete Poles
Weight	Light	Heavy	Medium	Too Heavy
Direct Burial type	Available	N/A	N/A	N/A
Color Stability	Excellent	Poor	Poor	Poor
Installation	Easy	Hard	Hard	Too Hard
Conductivity	Non Conductive	Conductive	Conductive	Conductive
Corrosion Resistance	High	Medium	Low	Low
Lifespan	Long	Medium	Medium	Short
Safety	High	Low	Low	Very Low
Printing Design	Available	N/A	N/A	N/A
Earthing	Optional	Obligatory	Obligatory	Obligatory
Repainting	Not Required	Required	Required	Required
Handing	Easy	Hard	Hard	Too Hard

ISO Certificates



Roads and Bridges

Cairo – Alexandria Highway

Cairo – El Shokhna Highway

El Salam Road – Sharm El Sheikh

International Coastal Road

Entrance of Qina – Red Sea Highway

Marina North Coast Highway – Alexandria

90th Street Bridge – New Cairo

Adly Mansour Bridge

Tourist Villages

Porto El Sokhna – Alein Al Skokhna – Suez

LoPasha Resort – Hurghada

Amwaj Village – North Cost

Golf Porto Marina – North Cost

Sea Shell – New Giza

Smart Village – 6th of October

Beverly Hills – 6th of October

Koria & Makkady Gulf – Sahl Hashish – Red Sea

Green Plaza – Alexandria

Porto Matrouh

Alex West Village

Gewar Village

Bait AL Hamam Village

Al-Musheer Mosque – New Cairo

Alorouba Compound – North Cost

Doaa El Sama Village – North Cost

Universities and Clubs

American University – Cairo

Pharos University – Alexandria

Suez Canal University – Ismailia

Faculty of Medicine – Alex. University – Alexandria

Petro sport Club – Cairo

Kattamia Club – New Cairo

Al Gazirah Club – Giza

The Egyptian Japanese University

Engineers Syndicate Club

Al-Azher Park

The Arab University

Coasts

Alexandria Corniche

Ras El Bar Corniche – Damietta

Al Arish Corniche – North Sinai

Al Ma'mora Corniche – Alexandria

El Montazah Corniche – Alexandria

Al Ain Al Sokhna Seaport – Suez

Alexandria Seaport – Alexandria

References

Safaga Seaport – Red Sea

Comiche EL Nil – Beni Suef Governorate

Corniche EL Nil – Luxor City

Cleopatra Corniche – Egypt Walk – Marsa Matrouh

Governorates

New Assiut Governorate

New Sohag Governorate

Luxor Governorate

Port Saud Governorate

Beni Suef Governorate

North Sinai Governorate

Other Projects

New El Alamein City

The New Administrative Capital

New Mansoura City

Furniture City – New Damietta

Halayeb and Shalateen Desalination Plant

National Petroleum Stations

Air Force Specialized – New Cairo

Queens Royal Hospital – Cairo

Air Forces Hospital

Burullus Station

Airports

Cairo Airport – Cairo

Marsa Alam Airport – Red Sea

Ismailia Airport – Ismailia

Export Projects

King Fahd's Bridge - KSA

Riyadh Train Station- KSA

King Abd El Aziz Seaport – dammam – KSA

Al – Uqeir beach – Al Ahsaa – KSA

Al Ahsaa Township – KSA

Duqm Port – Sultanate of Oman

The Metropolis of Dammam - KSA

Fas City – Morocco

Zanjibar Road - Yemen

Lighting Poles Trading Company LTD- KSA

Voltshine Technology (Pvt) Limited - pakistan

AL Saraya



● Local Market

- Arish
- Sharm El Shiekh
- Damietta
- Dakahlia
- Cairo
- Giza
- Behira
- Alexandria
- North Coast
- Matrouh
- Suiz
- Ain Sokhna
- Hurghada
- Beni Suef
- Asuit
- Sohag
- Luxor
- Aswan
- New Valley
- Hala'ib Triangle
- Port Said

21 GOVERNORATES

Export Markets



● Export Markets

- Yemen
- Sultanate of Oman
- United Arab Emirates
- Kingdom of Saudi Arabia
- Libya
- Morocco
- Ghana
- Equatorial Guinea
- Uganda
- Pakistan
- Bangladesh
- Nigeria
- Tanzania

13 COUNTRIES



ELSEWEDY
ELECTRIC

FIBERGLASS POLES

Egyptian Company for Plastic Industry (ELSEWEDY - EGYPLAST)
Management and Factories

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 **19159**