



CATALOG

# STREET LIGHTING POLES

VER. 1



Welcome

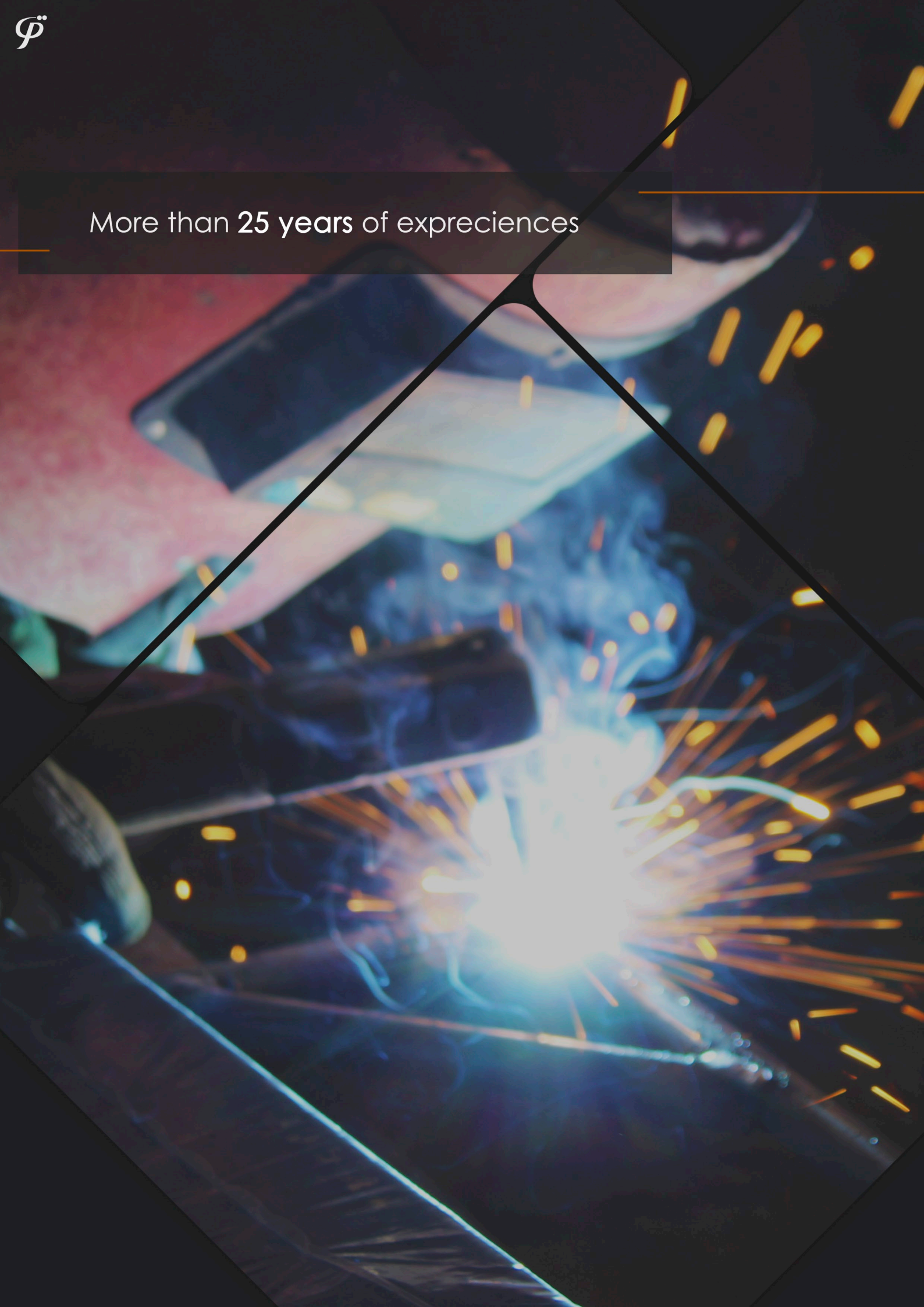


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More than 25 years of experiences



# About Us

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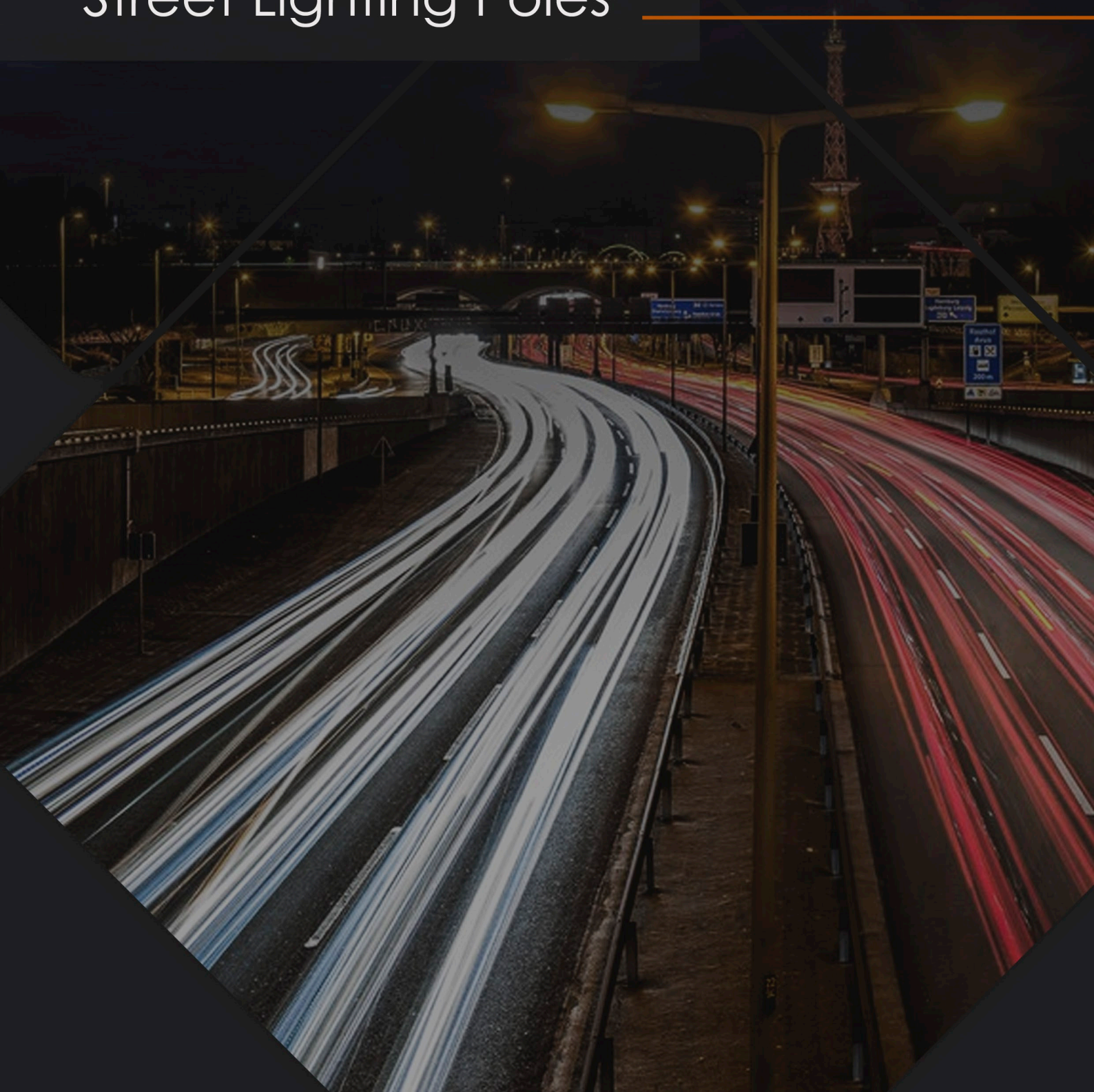
Gulta Company for engineering Industries is one of the leading local companies in the steel industry in Libya, with an experience of over 25 years. We pride ourselves on our reputation for quality and value for engineering solutions. Drawing on our long and varied experience from all the industrial sectors, we are able to apply tried and tested techniques to steel industry market creating a wide range of reliable and long-lasting products.

Our story began with the opening of our first factory for the manufacture of Galvanized Racking and Shed Shelving Steel in 1988 in Misurata, and through perseverance and hard work we open our second factory for metal furniture manufacturing in 1990. However, our ambition was to go even further. In 2006 we open our third factory for the manufacture of longitudinally welded pipe under the name of GULTA factory. Throughout our journey, our company adopted continuous development and evaluation principles by creating new production lines and meeting the demands of the local market for both private and public sectors, moreover we export our products to our customers in countries like Egypt, Tunisia and Jordan. To continue our development, we were determined to create a line of galvanized steel in order to complete our production range to cover a large part of the needs of the local market of the construction process. In 2012 we were able to achieve this goal by opening our galvanizing factory, the first of its kind in the whole country on private level, In the following years all sectors were merged to form an integrated group.

The company also continued its commitment to management development using modern systems such as Enterprise Resource Planning (ERP) to manage and obtain a certificate of quality management ISO 2008-9001 for the production of pipes and empty units, and a certificate of quality management ISO 2015-9001 for the production of Galvanizing, Poles, Towers, Steel Structure, Tubes and Pipes, Tanks.



# Street Lighting Poles



# Street Lighting Poles

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Street lighting poles plays an important role in providing a clear and safe navigation on the roads, and because of the essential role land transport play economically and socially in our lives, we strive to provide products that guarantees safe transportation with effectiveness and efficiency on par with other imported products available in the local market.

## Why our products?

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Due to our wide experience in this field and the use of the most advanced design technologies and quality control we guarantee high quality products with the desired efficiency.

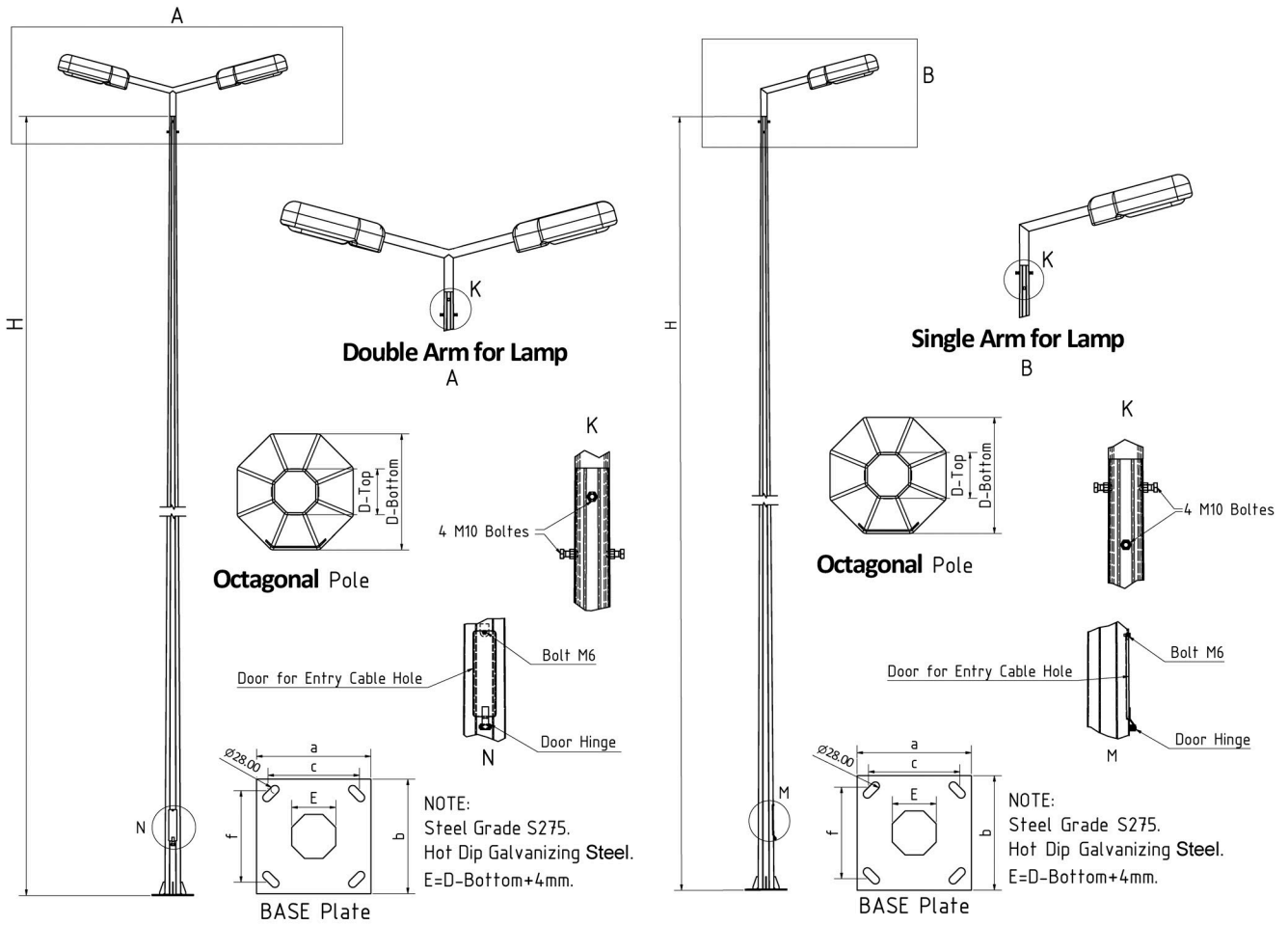
## Our products:

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- Octagonal lighting pole
- Tubular lighting pole
- Decorative lighting pole
- High Mast lighting pole
- Solar lighting pole

*All designs illustrated in the catalogue are according to GES 10510, BS 5649, ISO 1460, 1461 but it can be adjusted to customer needs.*

# Octagonal Lighting Pole

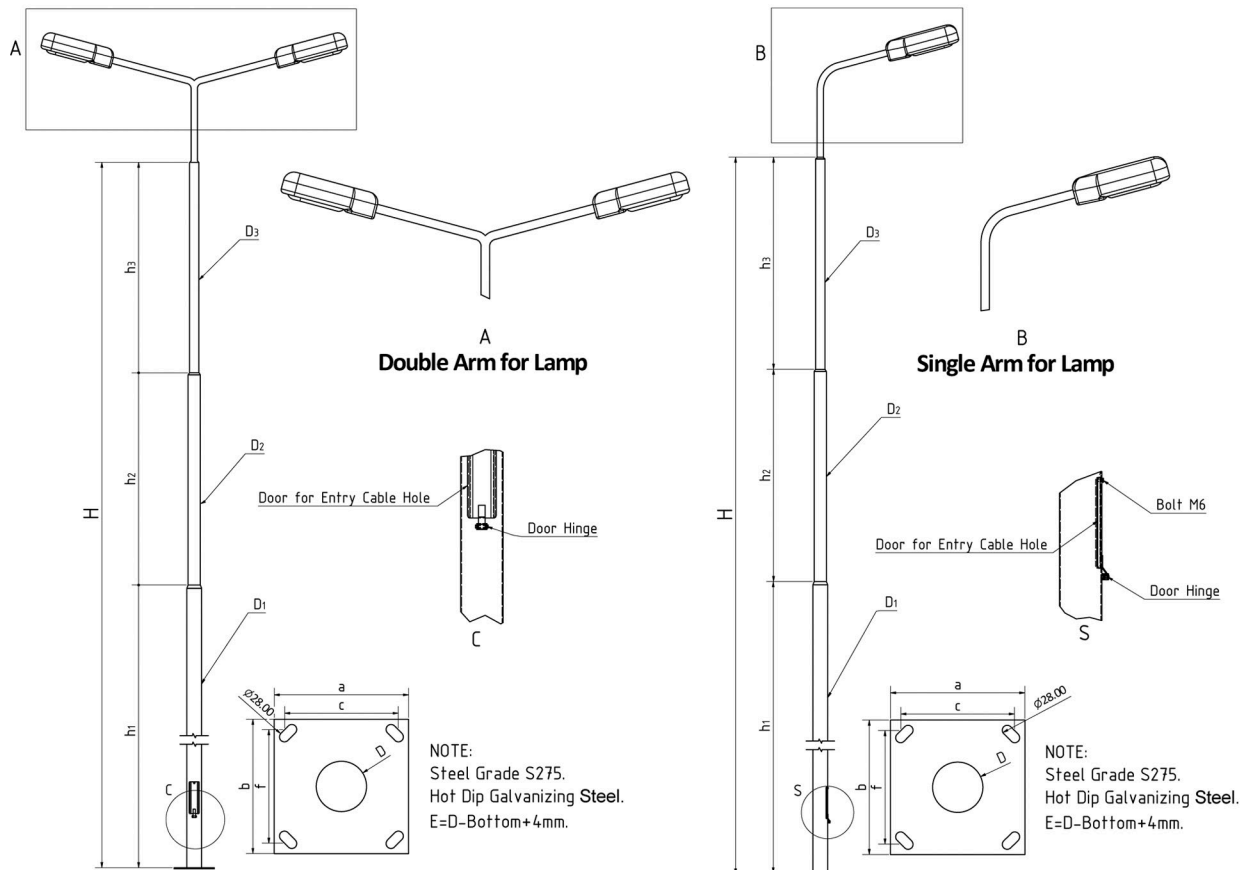


## ○ Specification

Height: H (m)	Code	D-Top Size (mm)	D-Bottom Size (mm)	t (mm)	a x b x t (mm)	c x f (mm)	Bolte Size	Weight (Kg)
3.35	21010							25.5
4	21009		120		260x260x8	200x200		31
5	21054							38
6	21004							48.12
7	21002	60		3			M24	66
8	21005		152		380x380x10	300x300		63.77
9	21006							78.5
10	21007							93.77
12	21051	100	170	4	400x400x10	300x300		125



# Tubular Lighting Pole



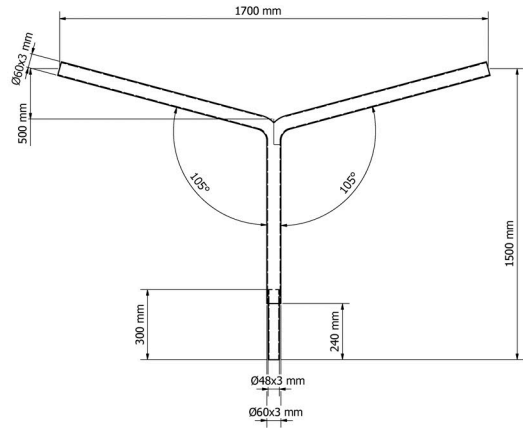
## ○ Specification

Height: H (m)	Code	Top Tube Size (mm)		Middle Tube Size (mm)		Bottom Tube Size (mm)		t (mm)	a x b x t (mm)	c x f (mm)	Bolte Size	Weight (Kg)
		h <sub>3</sub>	D <sub>3</sub>	h <sub>2</sub>	D <sub>2</sub>	h <sub>1</sub>	D <sub>1</sub>					
6	21055	1500	76.1	1500	88.9	3000	114.3					42
7	21039	1500	76.1	1500	88.9	4000	114.3					53
8	21040	1500	88.9	1500	114.3	5000	152		380x380x10	300x300		80
9	21041	2000	88.9	2000	114.3	5000	152	3			M24	85
10	21042	2400	114.3	2400	139.7	5200	168.3					110
11	21043	2700	114.3	2700	139.7	5600	168.3					120
12	21044	3650	114.3	4500	139.7	4500	168.3		400x400x10	300x300		133

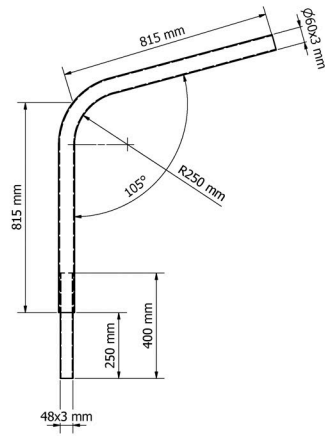
# Arms for Lighting Pole



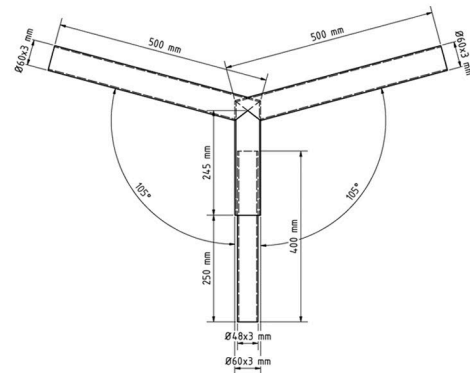
Double Arm for lighting pole height 1.5m  
Code 21023



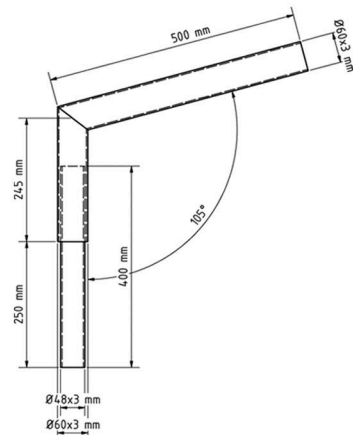
Single Arm for lighting pole Height 1.5 m  
Code 21003



Double Arm for lighting pole Height 0.5 m  
Code 21024

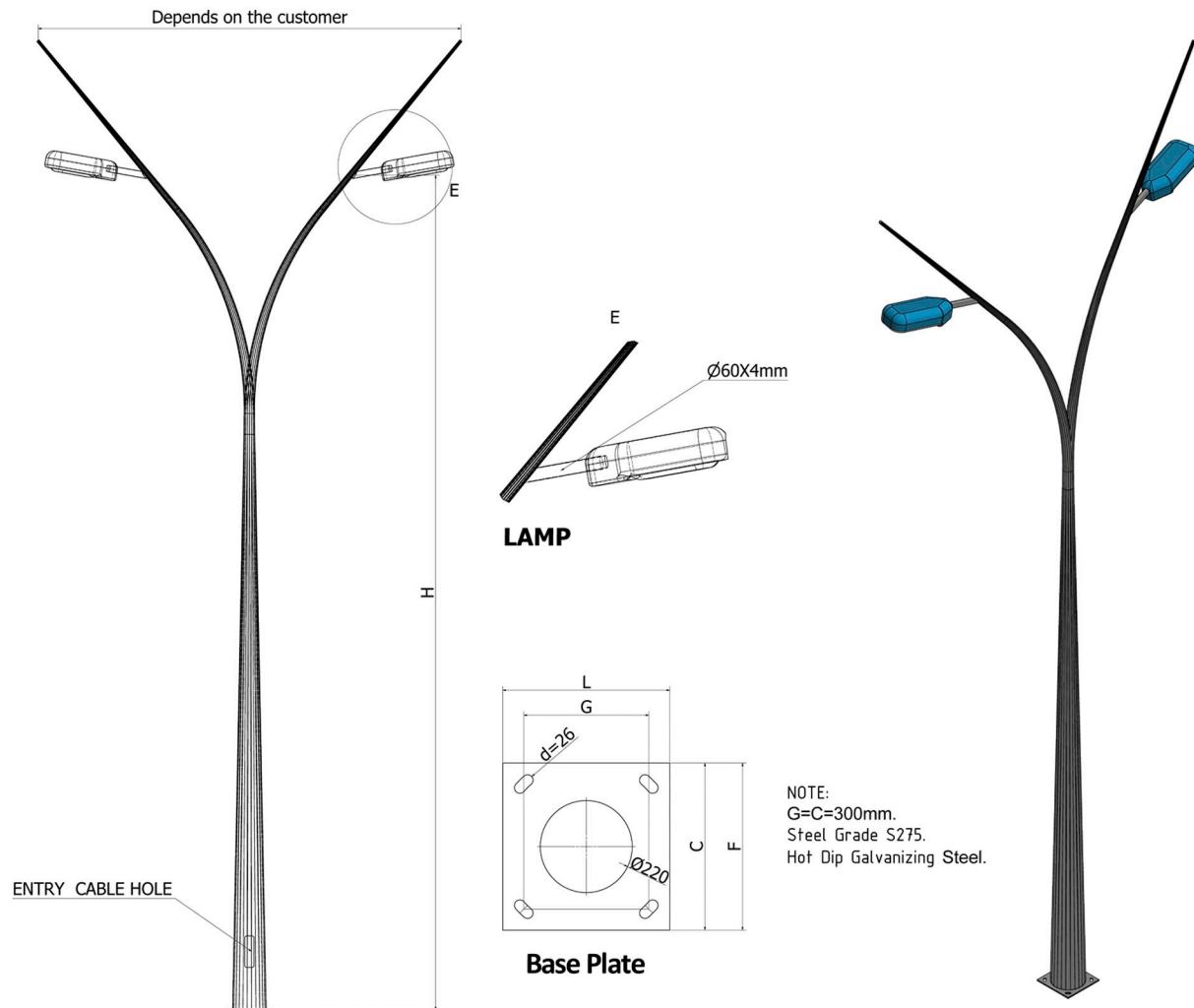


Single Arm for lighting pole Height 0.5 m  
Code 21002



# Decorative Lighting Pole

— Design A

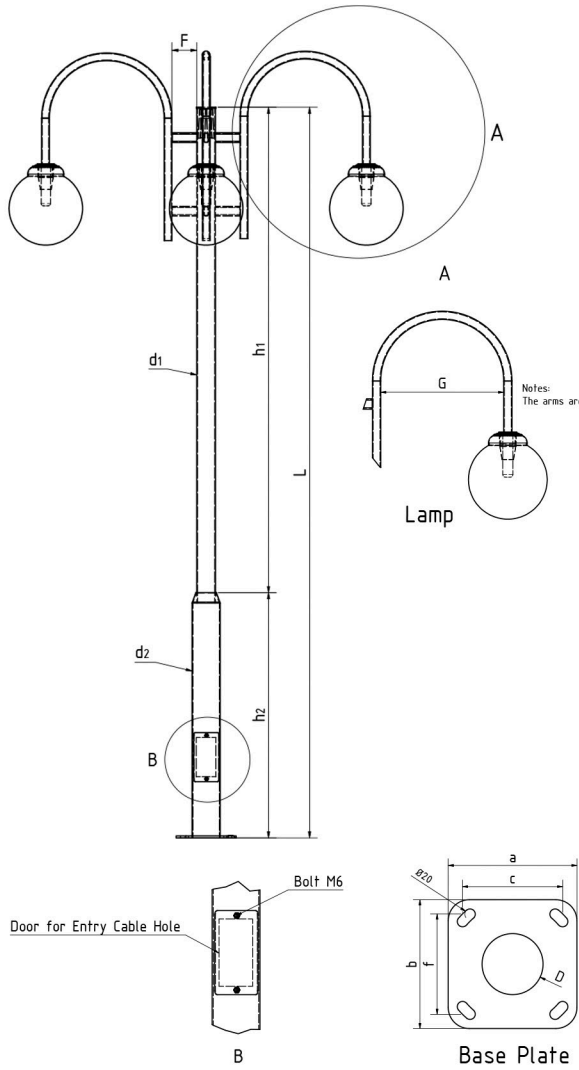


## ○ Specification

Height: H (m)	Code	D (mm)	t (mm)	L x F x t (mm)	G x C (mm)	Weight (Kg)
8	21050	322	3	400x400x10	300x300	136

# Decorative Lighting Pole

Design B



Four Arms Pole Code 21034



NOTE:  
Steel Grade S275.  
Hot Dip Galvanizing Steel.  
E=D-Bottom+4mm.

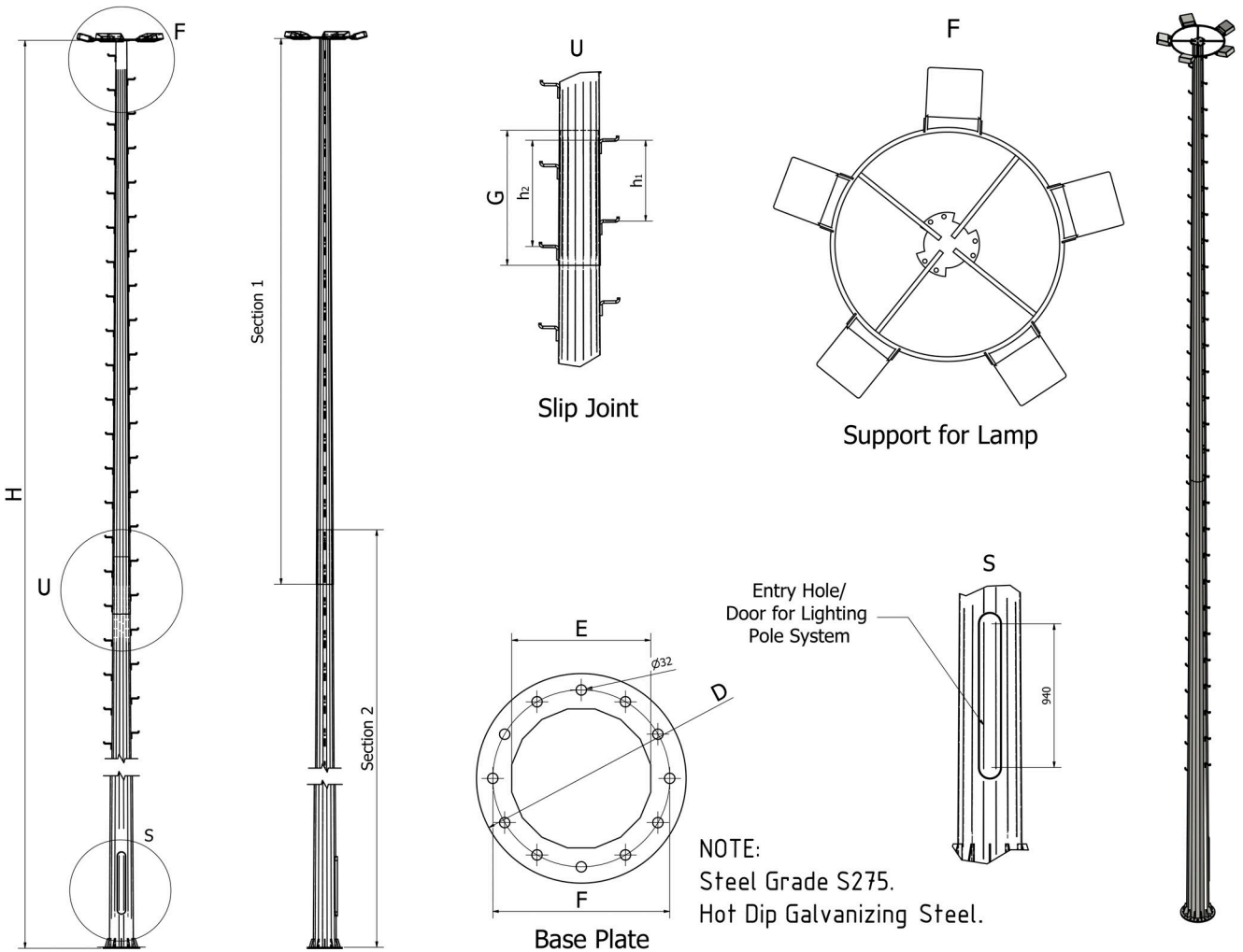
## Specification

Height: H (m)	Code	Top Tube Size (mm)		Bottom Tube Size (mm)		t (mm)	a x b x t (mm)	c x f (mm)	Bolte Size	Weight (Kg)
		h <sub>1</sub>	d <sub>1</sub>	h <sub>2</sub>	d <sub>2</sub>					
3	21037	2020	76.1	3000	114.3	3	245x245x8	176x176	M16	28
	21035		76.1	4000	114.3					32
	21033		88.9	5000	139.7					36
	21034		88.9	5000	139.7					40



Decorative Lighting Pole

# High Mast Lighting Pole

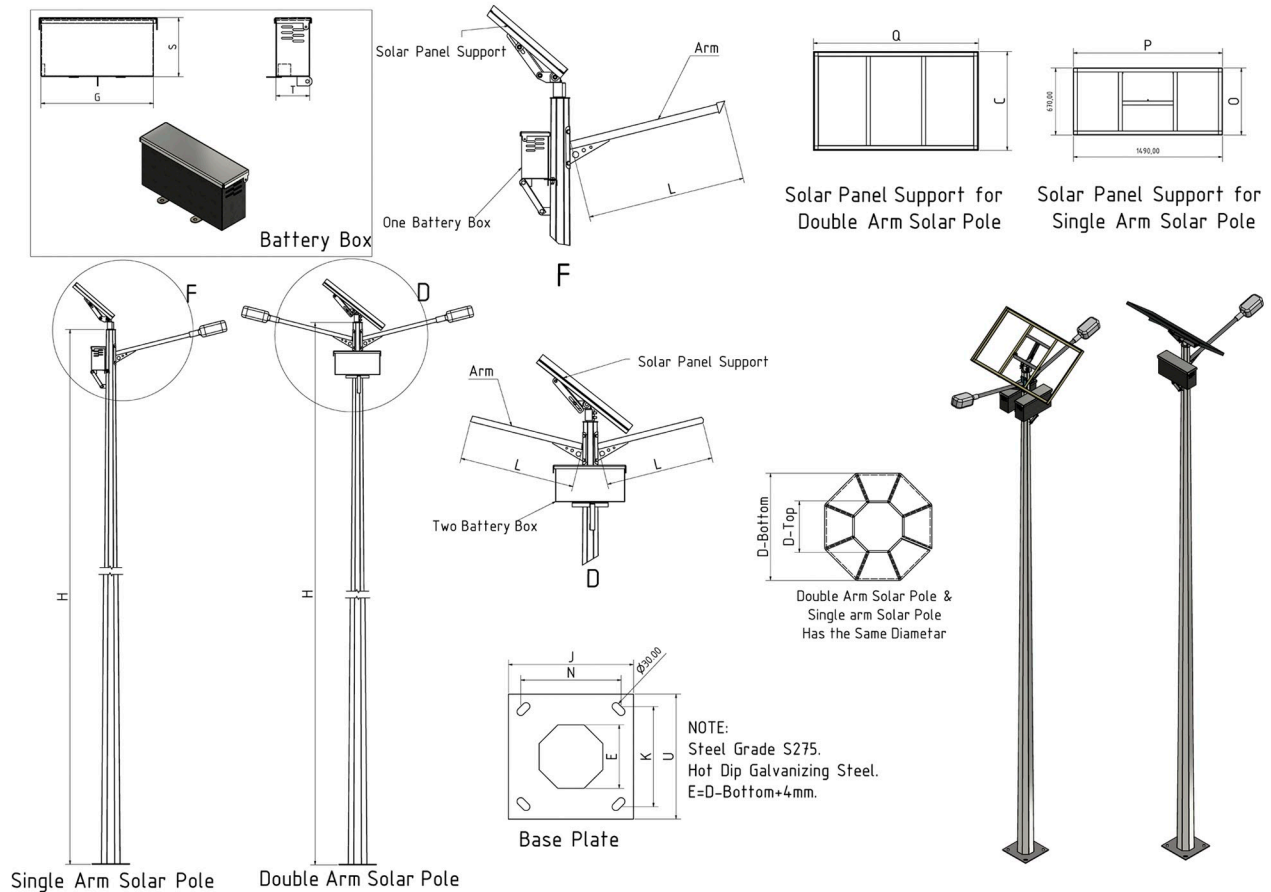


## ○ Specification

Height: H (m)	Code	Top Diameter of the Pole (mm)	Bottom Diameter of the Pole (mm)	D (mm)	F (mm)	G (mm)	QTY of Sections
14	21045	160x3	380x4	520	410		
16	21046						
18	21047					700-1000	2
20	21048	190x3	420x4	640	530		

# Solar Lighting Pole

Design A



Single Arm Solar Pole

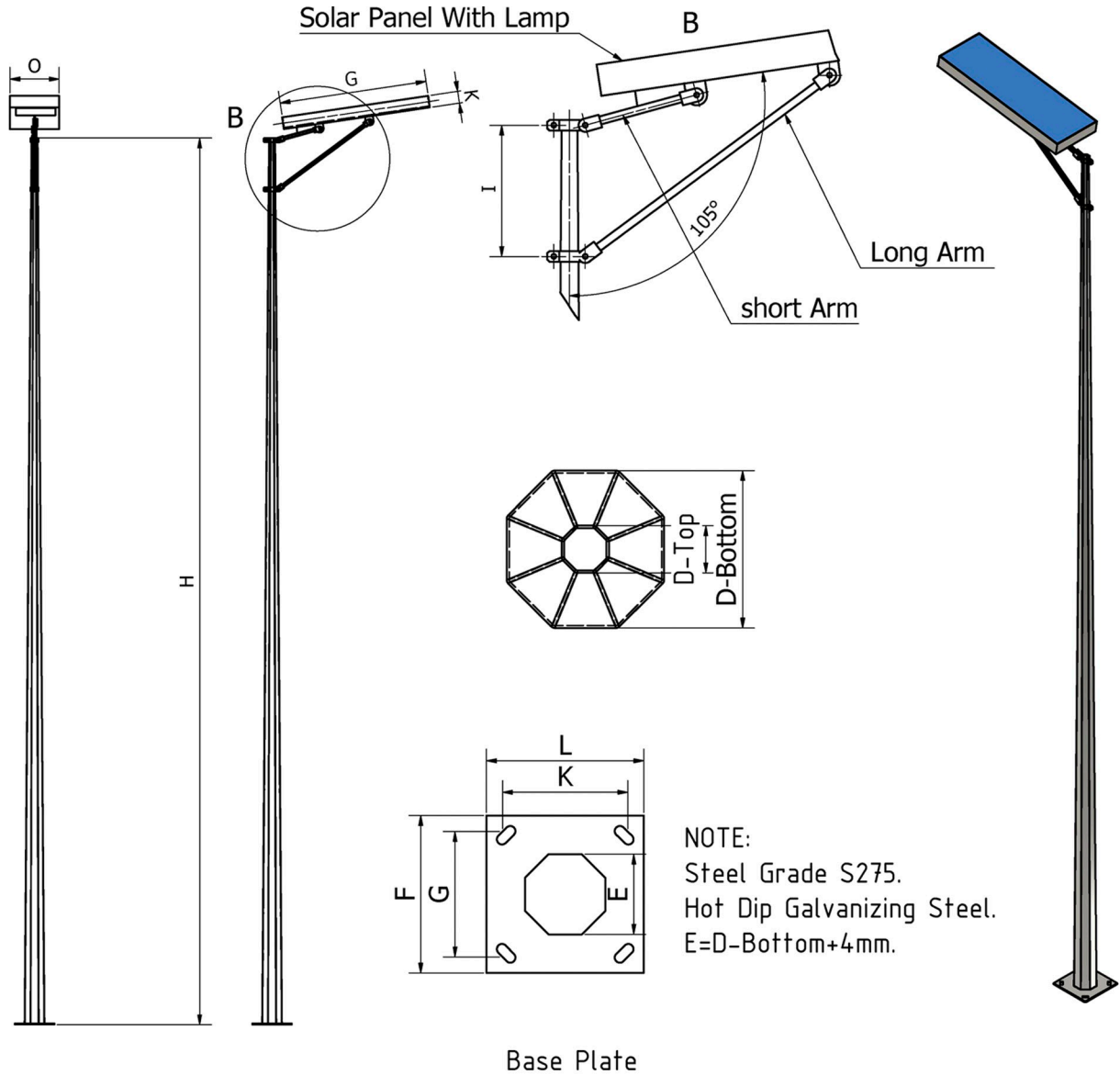
Double Arm Solar Pole

## Specification

Double Arm Solar Pole								
Height: H (m)	Code	D-Top Size (mm)	D-Bottom Size (mm)	t (mm)	J x U x t (mm)	N x K (mm)	L (mm)	Weight (Kg)
9	21052	120	250	4	400x400x12	380X380	1200	196
Solar Panel Support for Double Arm Solar Pole				Battery Box				
Q x C (mm)		Weight (Kg)		G x S x T (mm)		Weight (Kg)		QTY
1650x990		26		600x314x180		15.5		2
Single Arm Solar Pole								
Height: H (m)	Code	D-Top Size (mm)	D-Bottom Size (mm)	t (mm)	J x U x t (mm)	N x K (mm)	L (mm)	Weight (Kg)
9	21053	120	250	4	400x400x12	380X380	1200	190
Solar Panel Support for Single Arm Solar Pole				Battery Box				
P x O (mm)		Weight (Kg)		G x S x T (mm)		Weight (Kg)		QTY
1490x670		16		600x314x180		15.5		1

# Solar Lighting Pole

Design B



## ○ Specification

Height: H (m)	Code	D-Top Size (mm)	D-Bottom Size (mm)	L x F x t (mm)	G x K (mm)	t (mm)	Weight (Kg)
9	21054	90	200	400x400x12	300x300	3	100



# Our Factories

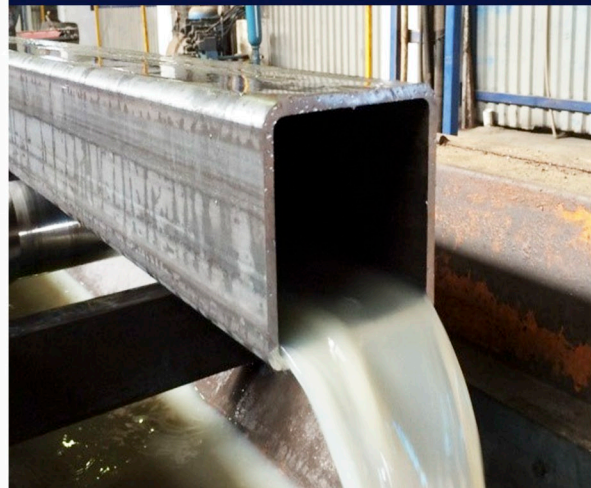
Our company has factories with complete production lines and units working with industrial digital computing systems such as Programming Logical Computer (PLC) and Computer Numerical Control (CNC). These lines are run and maintained by teams of engineers and skilled professionals with wide experiences in practical engineering and problem solving. Thus creating an industrial and constructional institution with higher standards.

## The factories :

Metal preparation factory



Longitudinally welded pipe factory



Industrial engineering factory



Galvanizing factory





# Galvanizing



# Galvanizing

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Given the importance of steel in industrial and constructional fields, there was a need to protect it from the various environmental conditions that could lead to its corrosion. One of The best methods to protect steel is Hot-Dip Galvanizing. The process involves immersing the steel component to be coated in basin of molten zinc, which is the biggest basin in Libya, and we Gulta Company excel in this field. By following a certain set of rules we insure a high quality Galvanizing process, and these rules are:

1. We insure following the international standards in the Galvanizing process and product management.
2. Using our laboratory facilities, we insure that chemical solutions involved in the Galvanizing process have the right concentrations.
3. We insure that the zinc coating is at the right thickness as specified in the British, European and International standard for hot-dip Galvanizing (BS EN ISO 1461) and Japanese industrial standard (JIS H 0104-1975) and testing the zinc coating thickness using Ultrasonic Testing.
4. We insure that the chemical reaction is complete and reached equilibrium using what is known as (Hammering Test).
5. We insure the galvanized surfaces are smooth and has no black spots.
6. We insure that zinc does not accumulate over the galvanized surfaces.

By following these steps, the Gulta Company insures a high-quality galvanized products with the desired efficiency.



High quality  
is our **goal** and our **guarantee**



Gulta Company

Engineering Industries



# Contact Us

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Libya- Misrata - Industrial Zone -  
after 3 kilometers in the heavy transport road

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Tripoli Branch - Airport Road -  
residential neighborhood flowers - Building 12

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