



# **KASPER ENGINEERING**

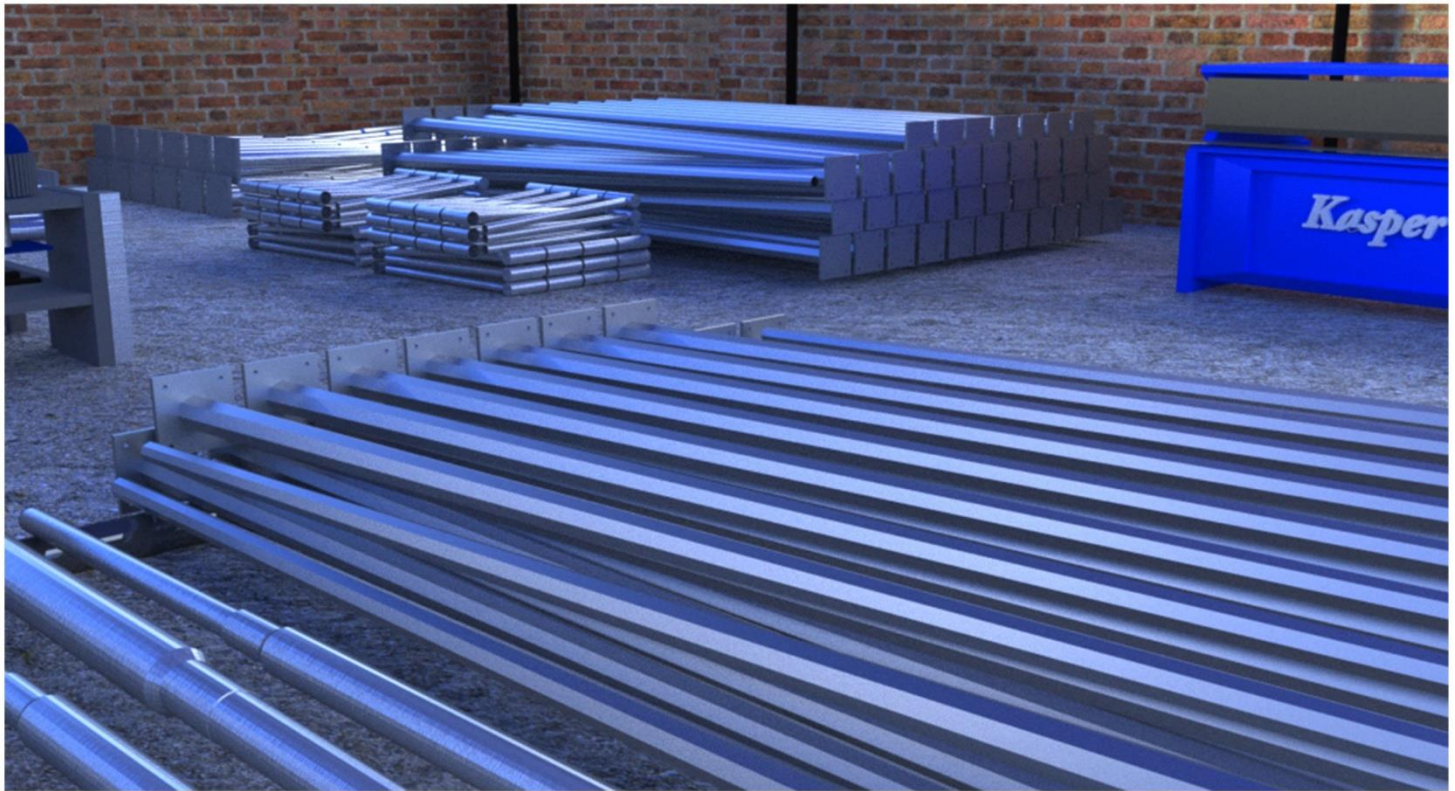
AN ISO 9001:2015 CERTIFIED COMPANY



PWD Approved



**MANUFACTURER OF ALL TYPES  
LIGHTING POLES**



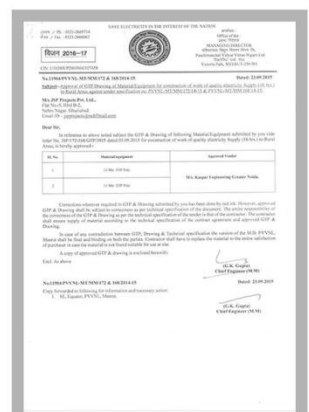
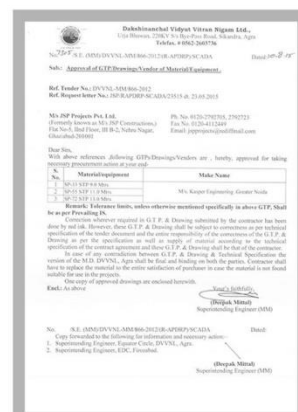
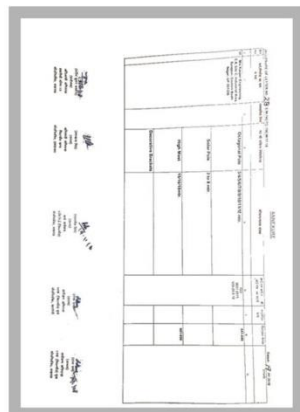
## About US

We take pleasure and pride to introduce ourselves as a leading manufacturer under **KASPER LIGHTING SYSTEMS** described below. We are ISO 9001:2015 Certified Company which provides solutions of your Lighting needs.



We are in this field since 2013 and we have set up of new products like Steel Tubular Poles, Electrical Poles, Solar Street Light Poles, Decorative Poles, Octagonal Poles, and High Mast Poles. Our Products are approved by different Government Organizations like **PVNL, DVNL, NHAI, MCD, PWD and GNDA** etc. Our products are known for their excellent performance, high efficiency and low maintenance.

CERTIFICATES





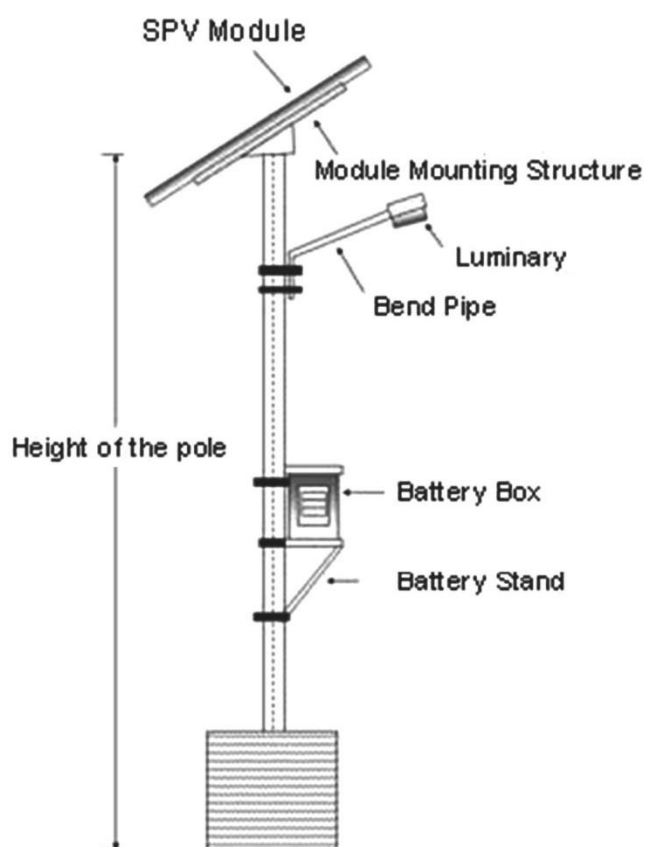
# SOLAR STREET LIGHT POLES

## SPECIFICATION:

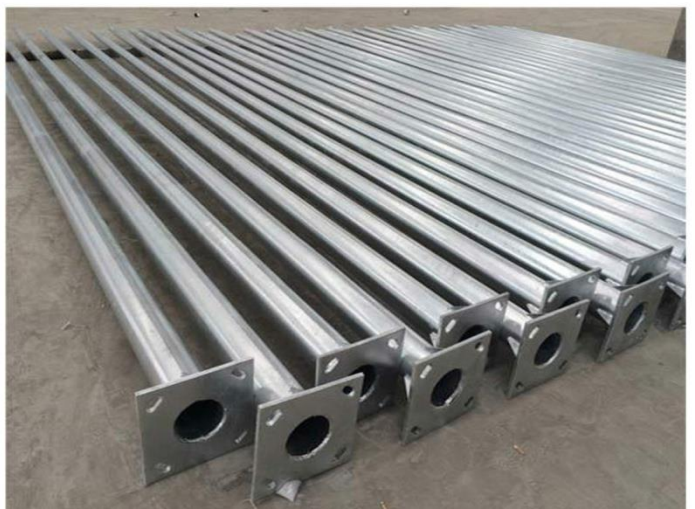
- Pole Height (Ideal): 3 to 8 Meter
- Material: Pre Galvanised, MS with Hot Dip Galvanizing, MS with powder Coating.
- Pole Diameter: 76.1mm OD to 139.7mm OD
- Pole Thickness: 2 to 5mm
- Foundation Plate Size: 200/200 to 400/400
- Foundation Plate Thickness: 6mm to 20mm
- Surface Coating: Powder Coated, Painting and Hot dip Galvanizing
- Usage: Garden, Street, Outdoor & Commercial

## FEATURES:

- Strong construction
- Easy to Install
- Rust resistance
- Best grade material used
- High Durability
- Low Maintenance
- Quality tested







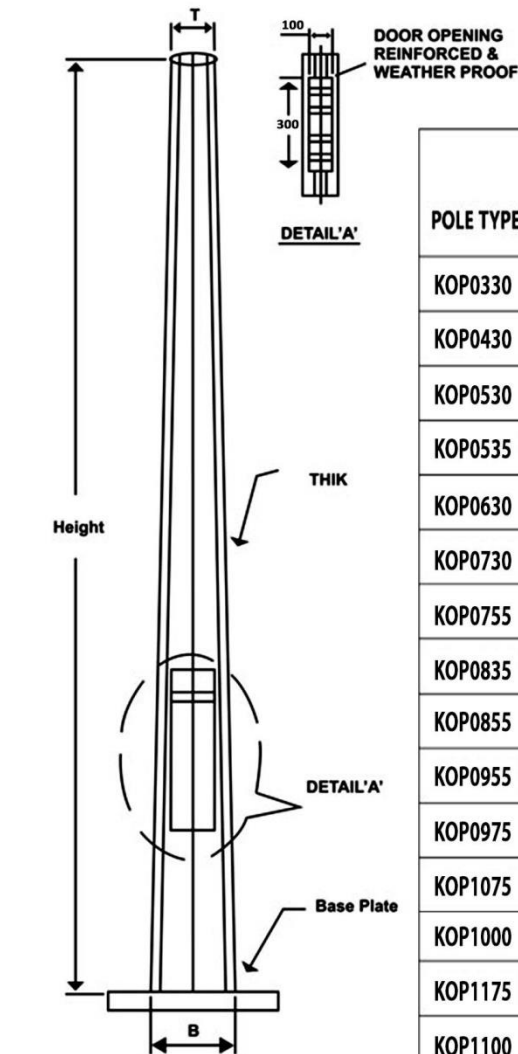


# HOT DIP GALVANIZED OCTAGONAL POLES

We are the leading manufacturer of Galvanized Octagonal Poles, which are generally used as Street Lighting Poles. These Poles are fabricated using finest quality raw material and are appreciated for precise dimension and corrosion resistance. We strictly check these Poles at all stages with the help of our expert professionals.

## Technical Specification

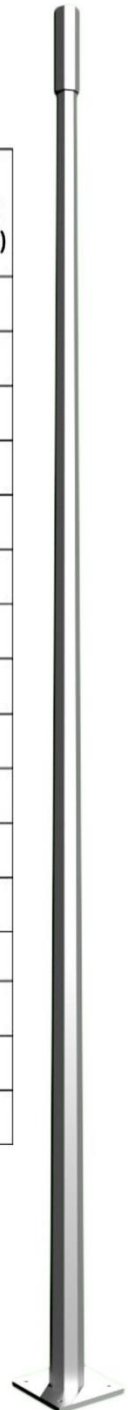
POLE TYPE	HEIGHT (mtr.)	TOP DIA mm	BOTTOM DIA mm	SHEET THICKNESS	BASE PLATE (L x W x T)	Foundation Bolt (No. x Dia. X mm)
KOP0330	3	70	130	3	220X220X12	4X16X600
KOP0430	4	70	130	3	220X220X12	4X16X600
KOP0530	5	70	130	3	220X220X12	4X16X600
KOP0535	5	70	135	3	220X220X12	4X16X600
KOP0630	6	70	130	3	220X220X12	4X16X600
KOP0730	7	70	130	3	220X220X12	4X20X700
KOP0755	7	70	155	3	245X245X12	4X20X700
KOP0835	8	70	135	3	220X220X12	4X20X700
KOP0855	8	70	155	3	245X245X12	4X20X700
KOP0955	9	70	155	3	245X245X16	4X20X700
KOP0975	9	70	175	3	275X275X16	4X20X700
KOP1075	10	70	155	3	245X245X16	4X24X750
KOP1000	10	70	175	3	275X275X16	4X24X750
KOP1175	11	70	155	3	245X245X16	4X24X750
KOP1100	11	70	175	3	275X275X16	4X24X750
KOP1200	12	70	175	3	275X275X16	4X24X750



Detailed Information As Per Table

### NOTE:

1. Octagonal Poles can be manufactured for other customized specification.
2. Octagonal Poles have a galvanizing thickness of 65 Microns.
3. Octagonal Poles of length upto 10mtr. Also available in 11&12 mtr. On request in two section.
4. Different types of brackets are available for single, twin and triple luminaries in various design shown and also as per customer requirement.



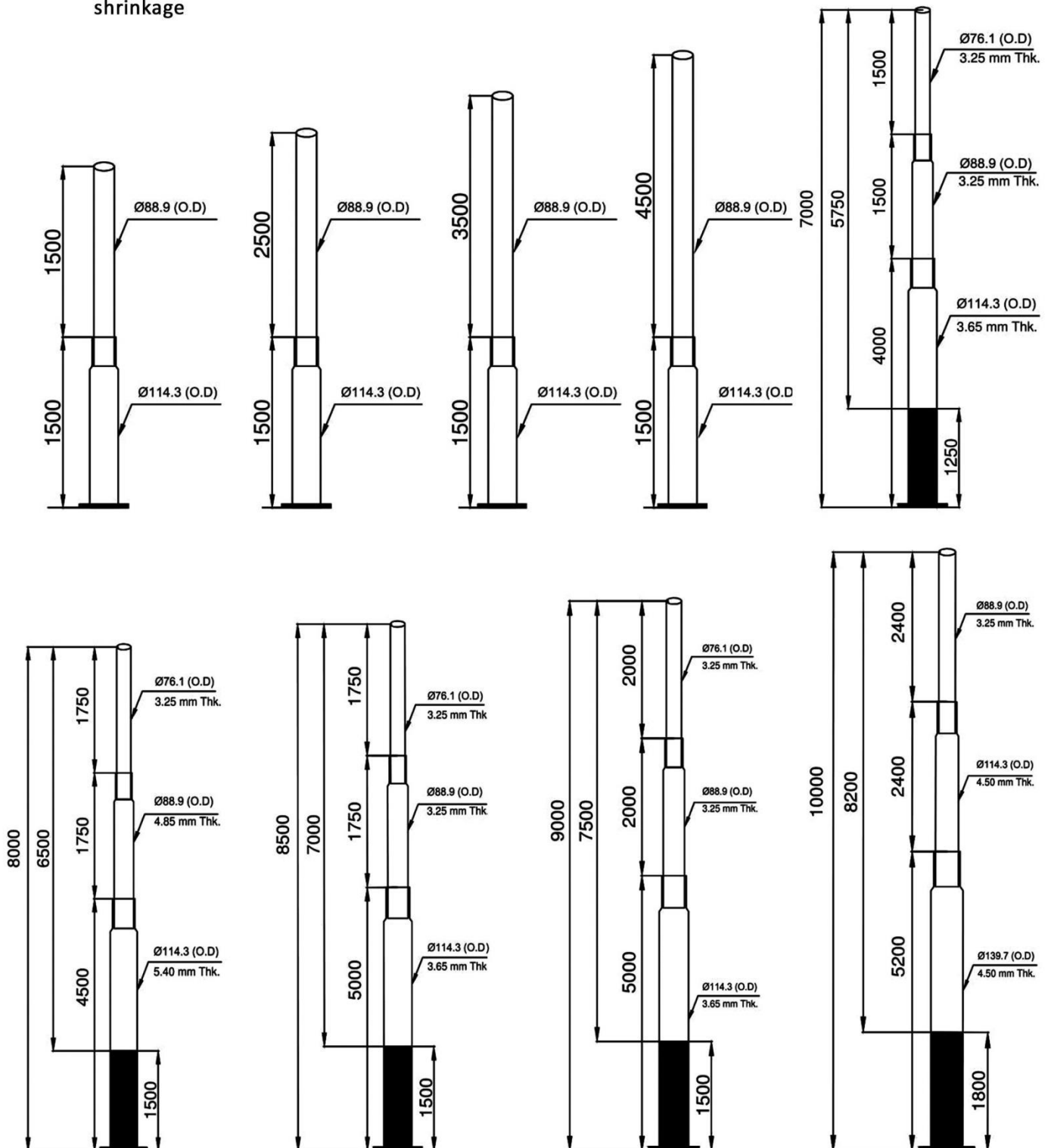
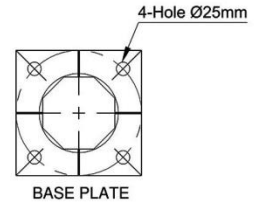
# LIGHTING POLES

## KEY BENIFITS:

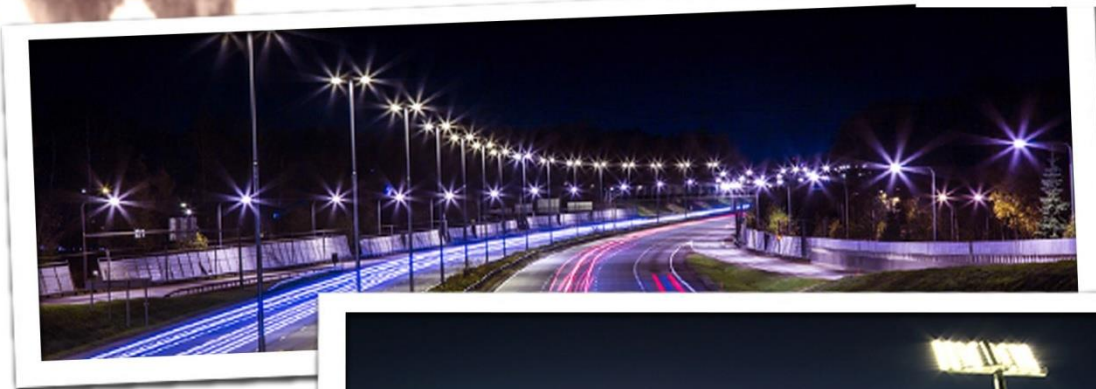
- Weighs 50-70% less than comparable concrete structures
- Scope of Customization
- Elongation - up to 85% with no shrinkage

## APPLICATION:

- Street lighting
- Traffic signals







# HIGH MAST POLES



The High Mast with Mobile crown Raising and Lowering gear is designed for the raising and lowering of the luminaries of flood lights mounted brackets to the ground level for maintenance by means of mechanical winch and wire rope arrangement. Bottom shaft is provided with base plate and door opening and middle and top shafts as per the height of the Mast required. High Mast supplied with Luminaire ring, Head Frame, Centralizing Arm, Stainless Steel Wire Rope, Electrical Cable, Disconnectors, Junction and Distribution Box, Mechanical Winch, Power Tool, Latching (Optional), Pulleys and Top Canopy.

## IMPORTANT TECHNICAL FEATURES

### FIXED TYPE HEAD FRAME :

Designed with larger Dia. Non corrosive aluminum pulley system for longer life and perfect balancing.

### WINCHES :

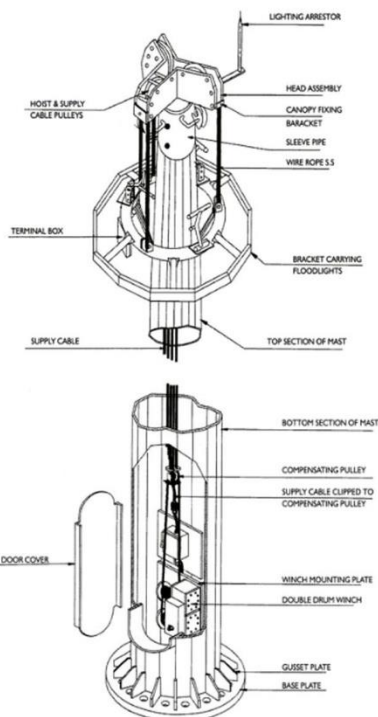
Winch designed with gear ratio 53:1 and without break of clutches. These are self lubricated for sustained trouble free life.

### HIGH MAST FINISH :

The complete mast with component is fully hot dip galvanized for longer life.

### LANTERN CARRIAGE :

We specialize in custom built design, standard lighting design and various types and shapes. The lantern carriage is supported with three numbers flexible 6 sq. mm. S.S. wire ropes from the distributors that can be elevated or lowered electrically and mechanically.



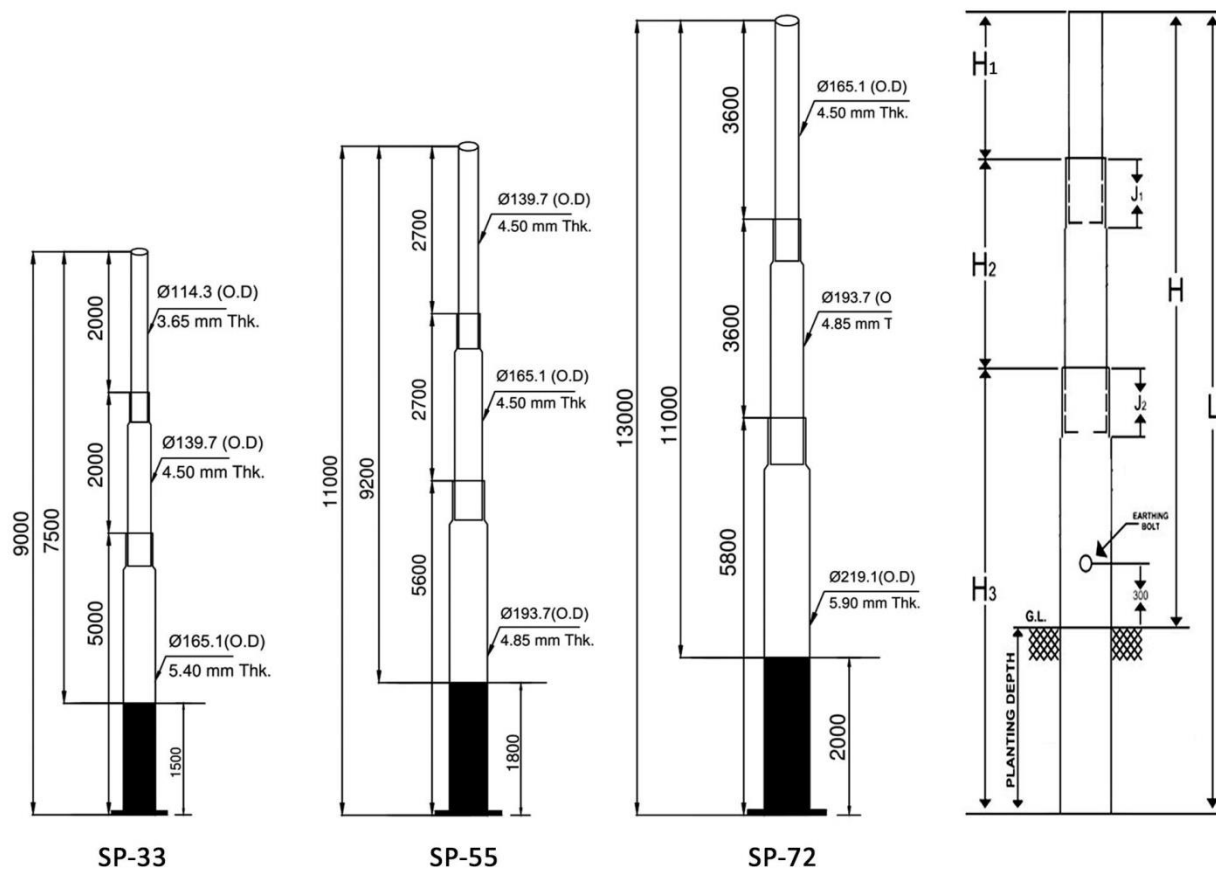
## Technical Detail:-

		12 Mtr	16 Mtr	20 Mtr
1	Material Construction	BSEN 10025 S355	BSEN 10025 S355	BSEN 10025 S355
2	No. of Longitudinal Welds	Single	Single	Single
3	Thickness	3,3mm	4,3mm	4,4mm
4	Individual Length of Section	6175mm	8175mm	10250mm
5	Base & Top Dia	360/150mm	360/150mm	420/200mm
6	Thickness of Galvanization	86 Microns	86 Microns	86 Microns
7	Size of Opening Door	260X900mm	260X900mm	260X900mm
8	Size of Base Plate Diameter	560mm	560mm	620mm
9	Base Plate Thickness	25mm	25mm	32mm
10	No. of Foundation Bolts	6	6	8
11	Bolt Diameter	M25	M28	M28

\*may vary as per demand



# ELECTRICAL POLES



## DESIGN OF DECORATIVE BRACKETS (SINGLE ARM)



**SA-01**



**SA-02**



**SA-03**



**SA-04**



**RING**



**SA-05**



**SA-06**



**SA-07**



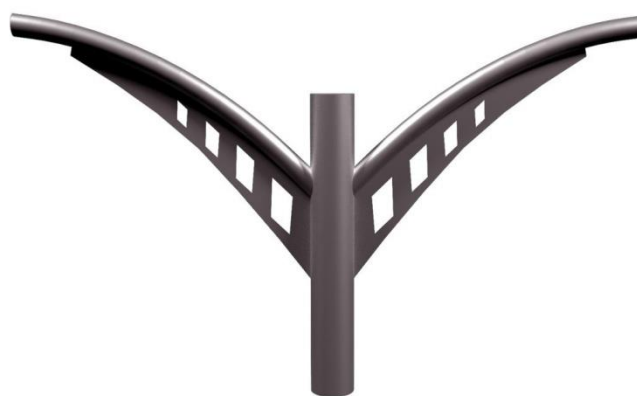
**SA-08**



## DESIGN OF DECORATIVE BRACKETS (DOUBLE ARM)



DA-01



DA-02



DA-03



DA-04



DA-05



DA-06



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