



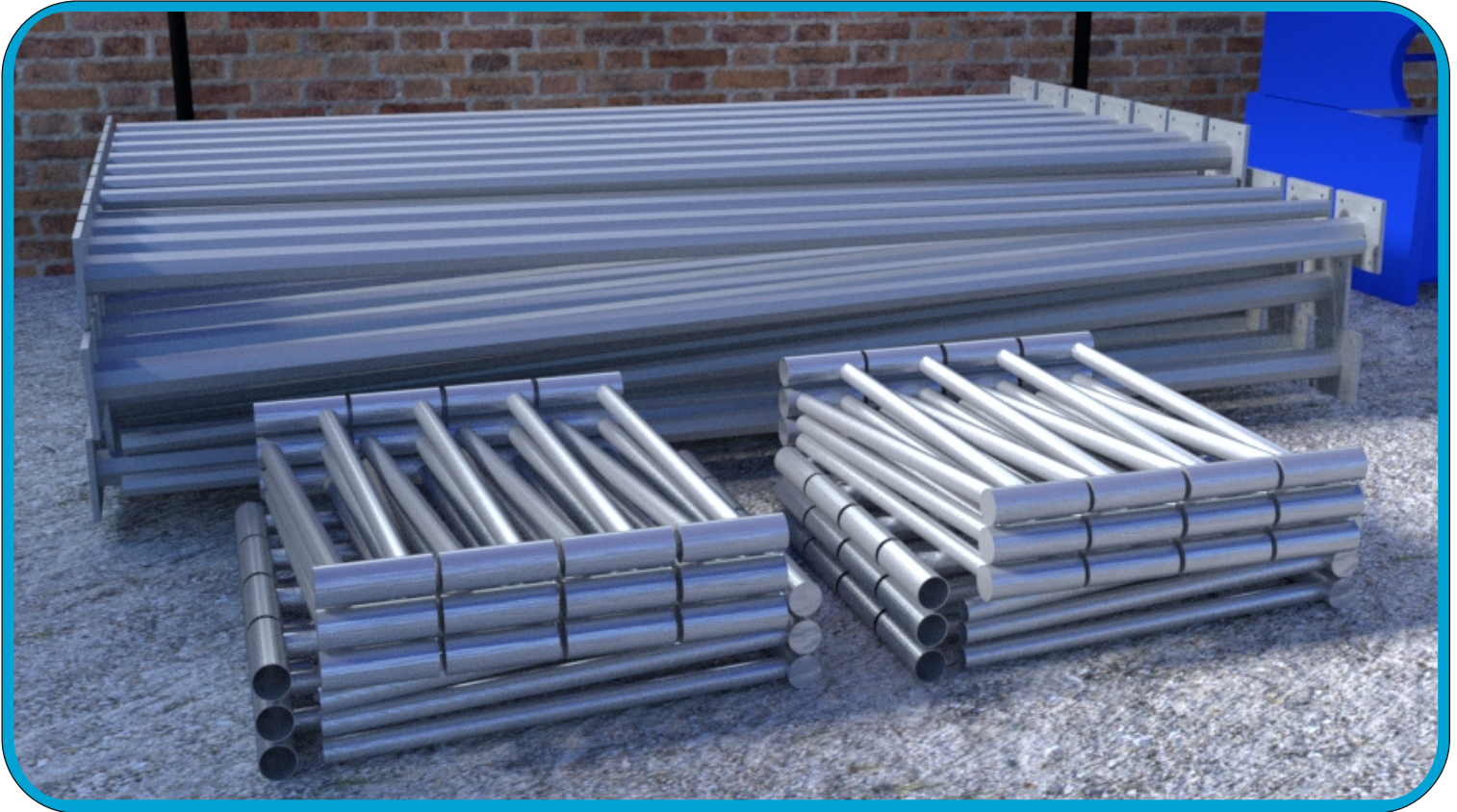
KASPER ENGINEERING[®]
AN ISO 9001:2015 CERTIFIED COMPANY



PWD Approved



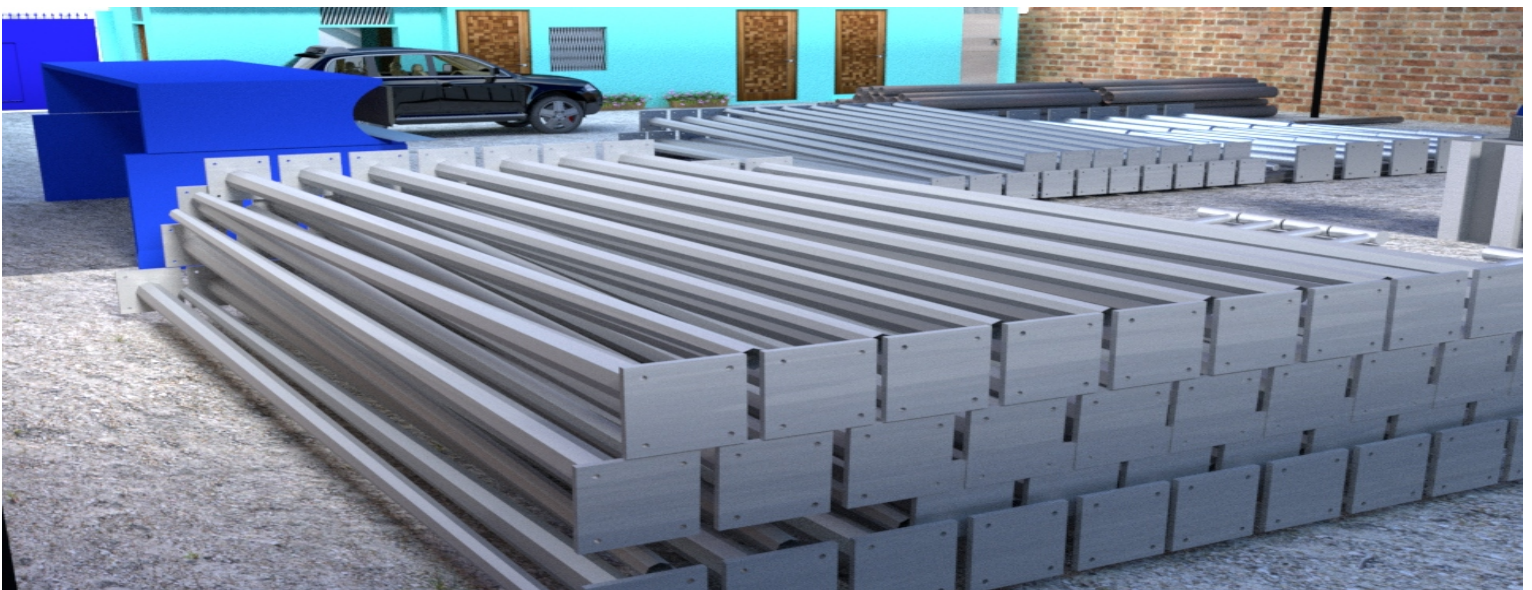
**MANUFACTURER OF ALL TYPES
LIGHTING POLES**



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, High Mast Poles, Flag Mast Poles. Our Products are approved by different Government Organizations like **PWD, PVVNL, DVVNL, NHAI, MCD, & GNIDA** etc. Our products are known for their excellent performance, high efficiency and low maintenance



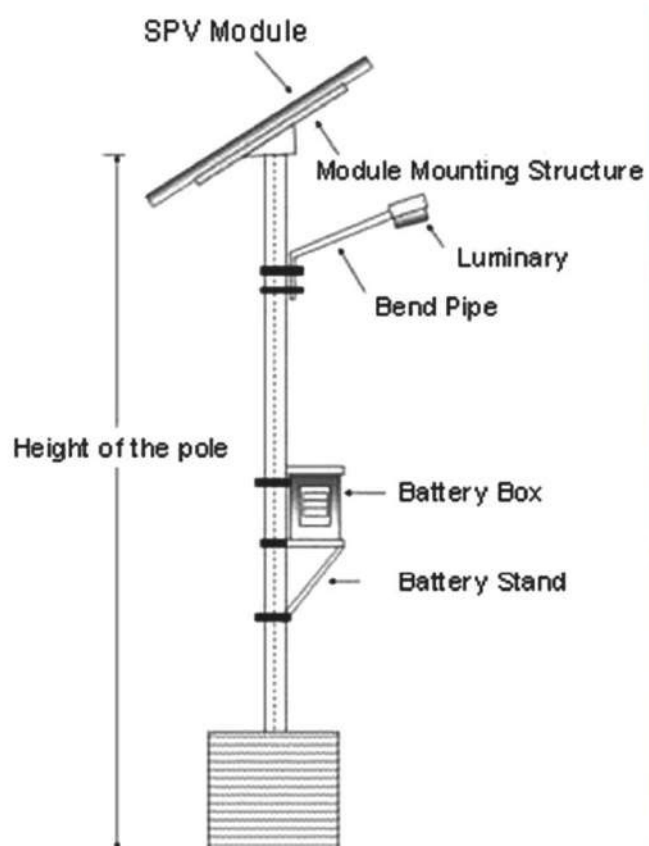
SOLAR STREET LIGHT POLES

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

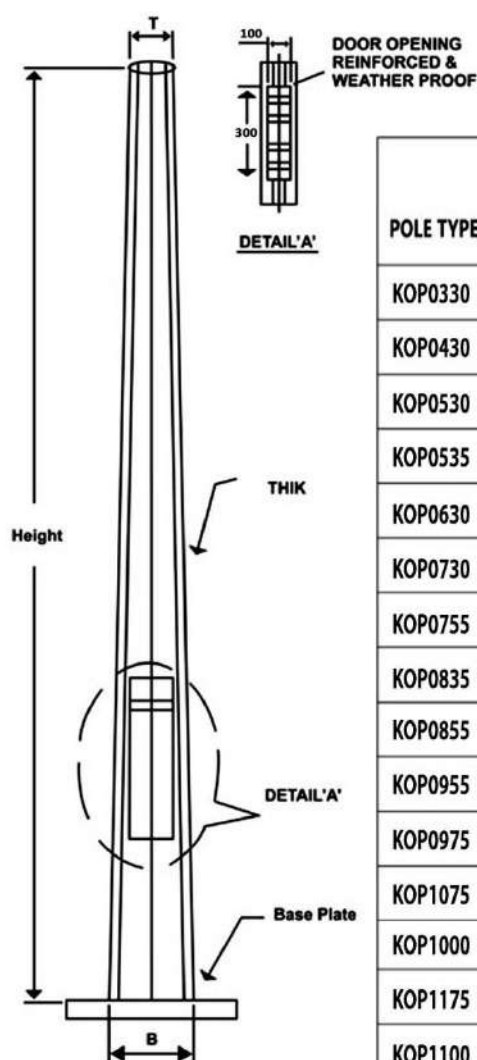
FEATURES:

- 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.



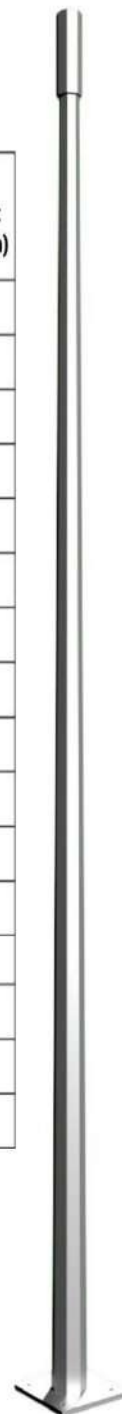
Technical Specification

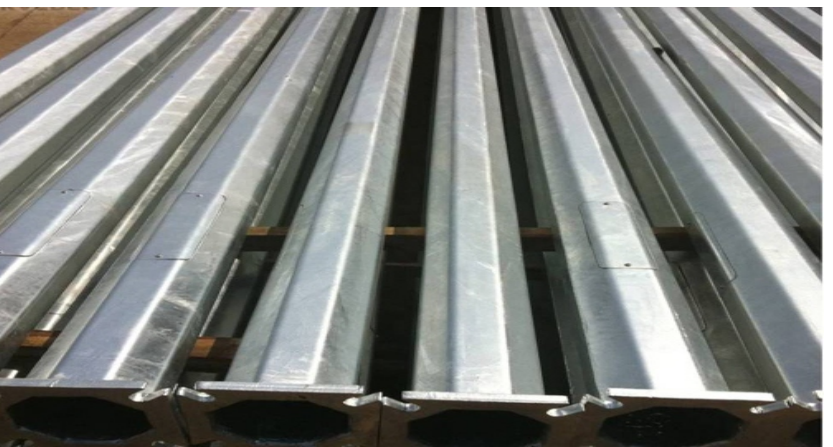
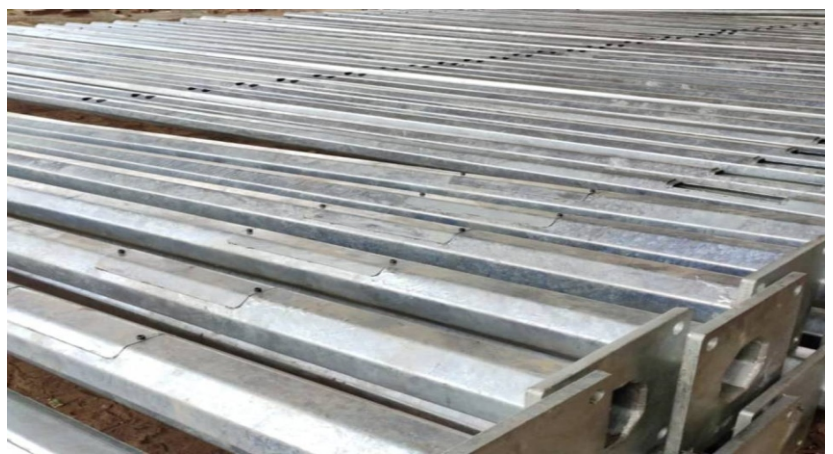
POLE TYPE	HEIGHT (mtr.)	TOP DIA mm	BOTTOM DIA mm	SHEET THICKNESS	BASE PLATE (L x W x T)	Foundation Bolt (No. x Dia. X mm)
KOP0330	3	70	130	3	220X220X12	4X16X600
KOP0430	4	70	130	3	220X220X12	4X16X600
KOP0530	5	70	130	3	220X220X12	4X16X600
KOP0535	5	70	135	3	220X220X12	4X16X600
KOP0630	6	70	130	3	220X220X12	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.





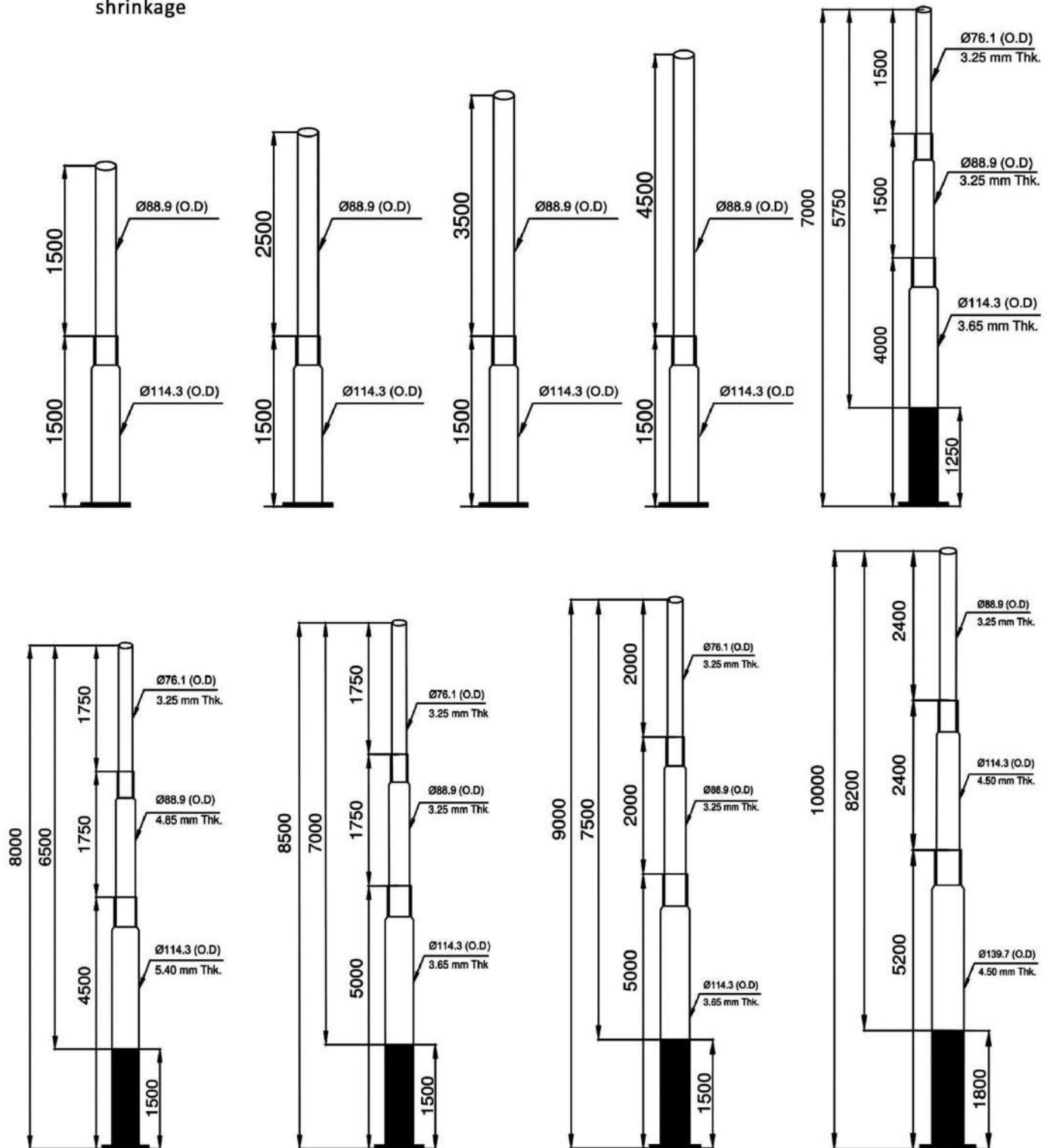
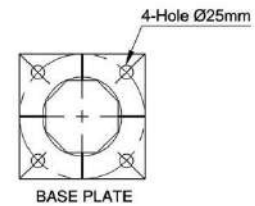
LIGHTING POLES

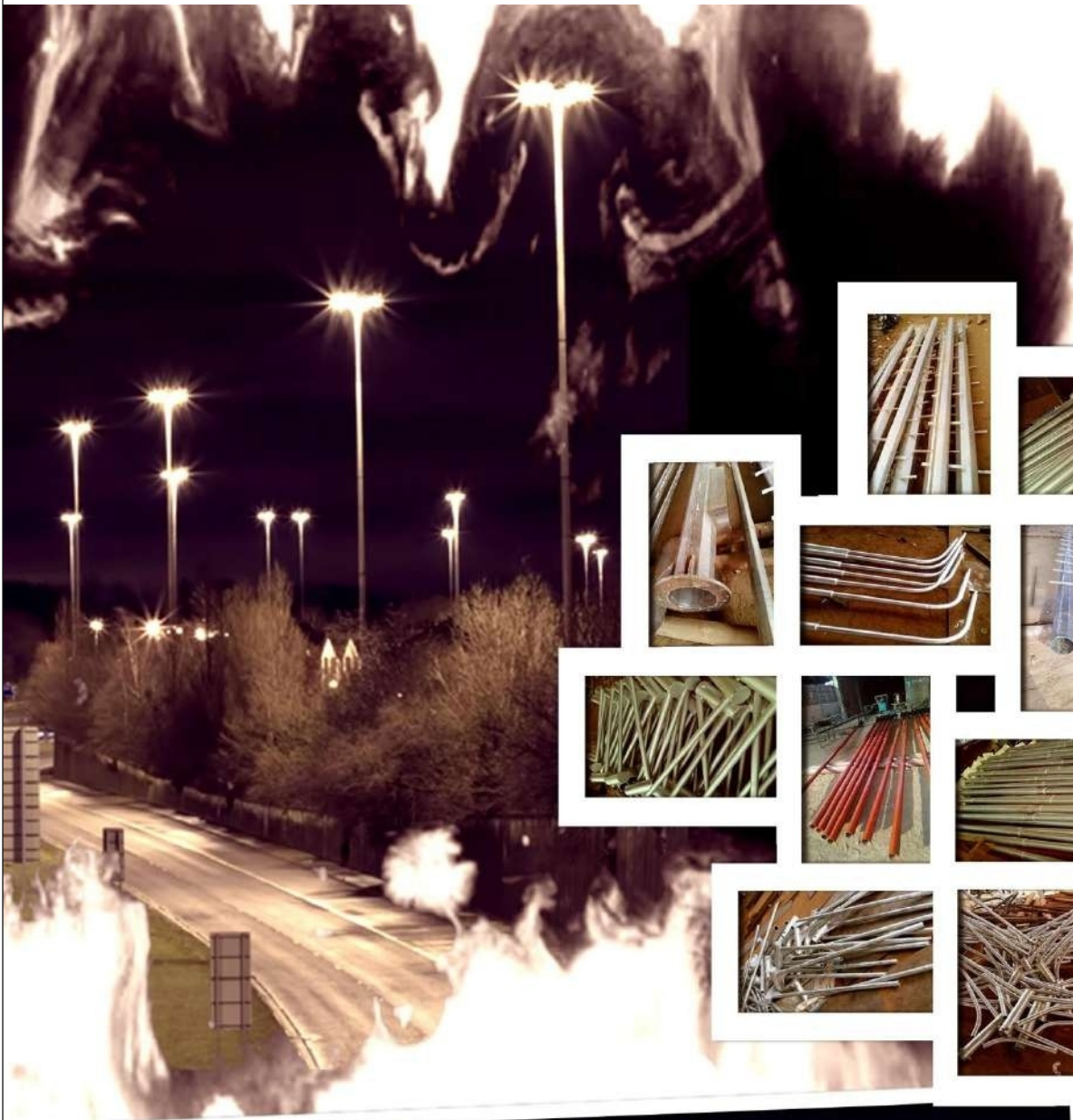
KEY BENIFITS:

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

APPLICATION:

- Street lighting
- Traffic signals





FLAG MAST POLES

The Flag Mast with mobile crown raising and lowering gear is designed for the raising and lowering of the luminaries of flag 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 shaft as per the height of the mast required.

Flag mast supplied with luminary ring, Head frame, Centralizing Arm, Stainless steel, Wire rope, Electrical Cable, Disconnectors, Junction, and Distribution Box, Mechanical Winch, Power Tool, Latching (Optional), Pulley and Top Canopy.

IMPORTANT TECHNICAL FEATURES

FIXED TYPE HEAD FRAME:

Design with larger Dia. Non corrosive aluminum pulley system 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.

FLAG 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 type and shapes. The lantern carriage is supported with three numbers flexible 6sq.mm. S.S. wire ropes from the distributors that can be elevated or lowered electrically and mechanically.

TECHNICAL DATA					
S.NO.	TECH. DETAIL	20 MTR	25 MTR	30 MTR	40 MTR
1	Material Construction	BSEN10025 S355	BSEN10025 S355	BSEN10025 S355	BSEN10025 S355
2	No.of Longitudnal Weld	Single	Single	Single	Single
3	Thickness	3,4,4mm	4,4,5mm	4,4,4,5mm	4,4,5,5,6,6mm
4	Individual Lnegth Of Section	10300mm	10000mm	10300mm	6800mm
5	Top & Bottom Dia	150/410mm	150/460mm	150/460mm	150/700mm
6	Thickness of Galvanization	86 micron(Avg.)	86 micron(Avg.)	86 micron(Avg.)	86 micron(Avg.)
7	Size Of Door Opening	360x1000mm	360x1000mm	360x1000mm	360x1000mm
8	Size of Base Plate	660mm	660mm	660mm	920mm
9	Base Plate Thickness	20mm	25mm	32mm	32mm
10	No. of Foundation Bolts	8nos	12nos.	12nos.	12 nos.
11	Bolt Diameter	M25	M25	M28	M32



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 :

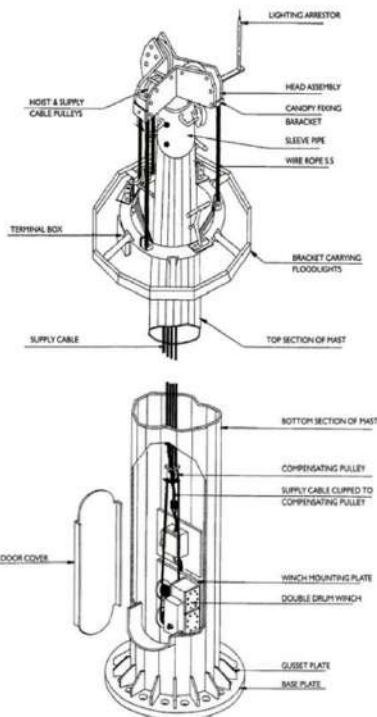
Winch designed with gear ratio 53:1 and without break of clutches. These are self lubricated for sustained trouble free life.

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.

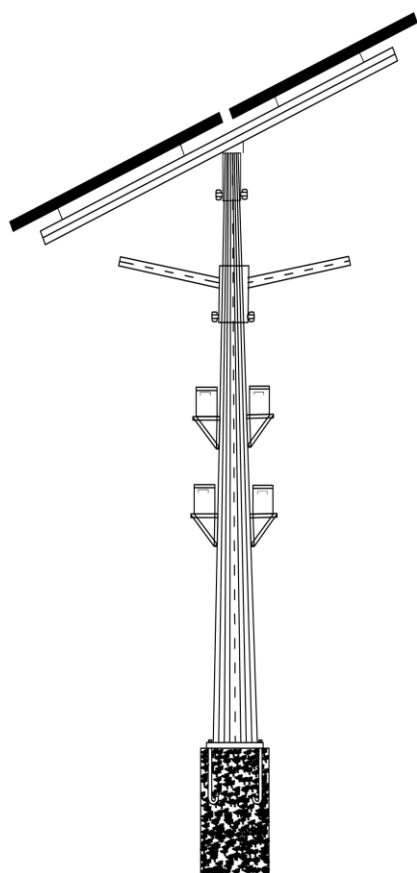


TECHNICAL DATA						
S.NO.	TECH. DETAIL	12.5 MTR	16 MTR	20 MTR	25 MTR	30 MTR
1	Material Construction	BSEN10025 S355	BSEN10025 S355	BSEN10025 S355	BSEN10025 S355	BSEN10025 S355
2	No.of Longitudnal Weld	Single	Single	Single	Single	Single
3	Thickness	3,3mm	3,4mm	4,4mm	3,4,4mm	4,4,5mm
4	Individual Lnegth Of Section	7000mm	8500mm	10500mm	10500mm	10500mm
5	Top & Bottom Dia	150/360mm	150/360mm	150/460mm	150/540mm	150/540mm
6	Thickness of Galvanization	86 micron(Avg.)	86 micron(Avg.)	86 micron(Avg.)	86 micron(Avg.)	86 micron(Avg.)
7	Size Of Door Opening	360x1000mm	360x1000mm	360x1000mm	360x1000mm	360x1000mm
8	Size of Base Plate	540mm	540mm	660mm	660mm	660mm
9	Base Plate Thickness	16mm	16mm	20mm	25mm	32mm
10	No. of Foundation Bolts	6nos.	8nos.	8nos.	12nos.	12nos.
11	Bolt Diameter	M25	M25	M28	M28	M30

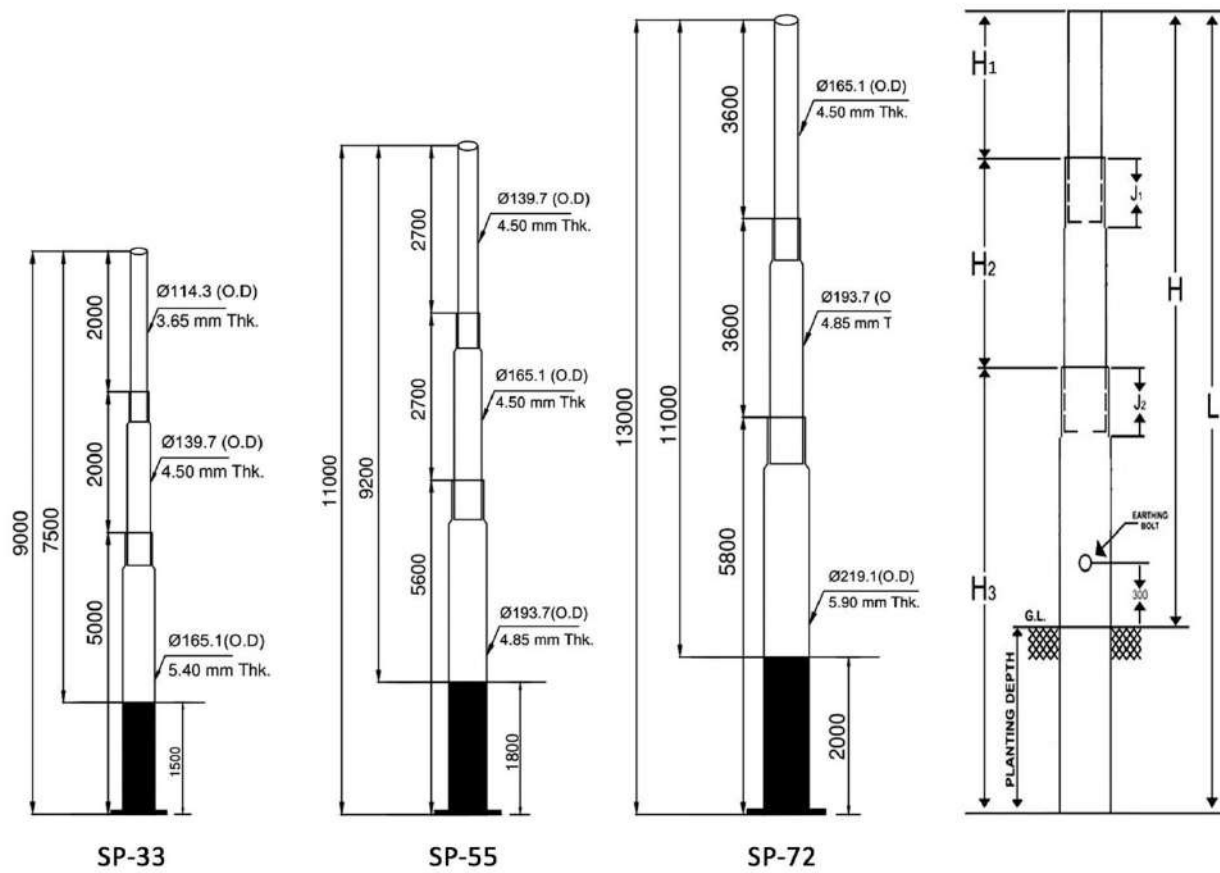
SOLAR HIGH MAST POLES

SPECIFICATION:

- > Pole Height: 7 TO 15 Mtr
- > Pole Dia(Top/Bottom): 75/150,360mm
- > Pole Thickness: 3 To 4 mm
- > Base Plate Size: 260 To 540 mm
- > Base Plate Thickness: 12 To 20mm
- > Surface Coating: Powder Coated, Painting, & Hot dip Galvanizing.
- > Usage: Garden, Street, Outdoor, Commercial.



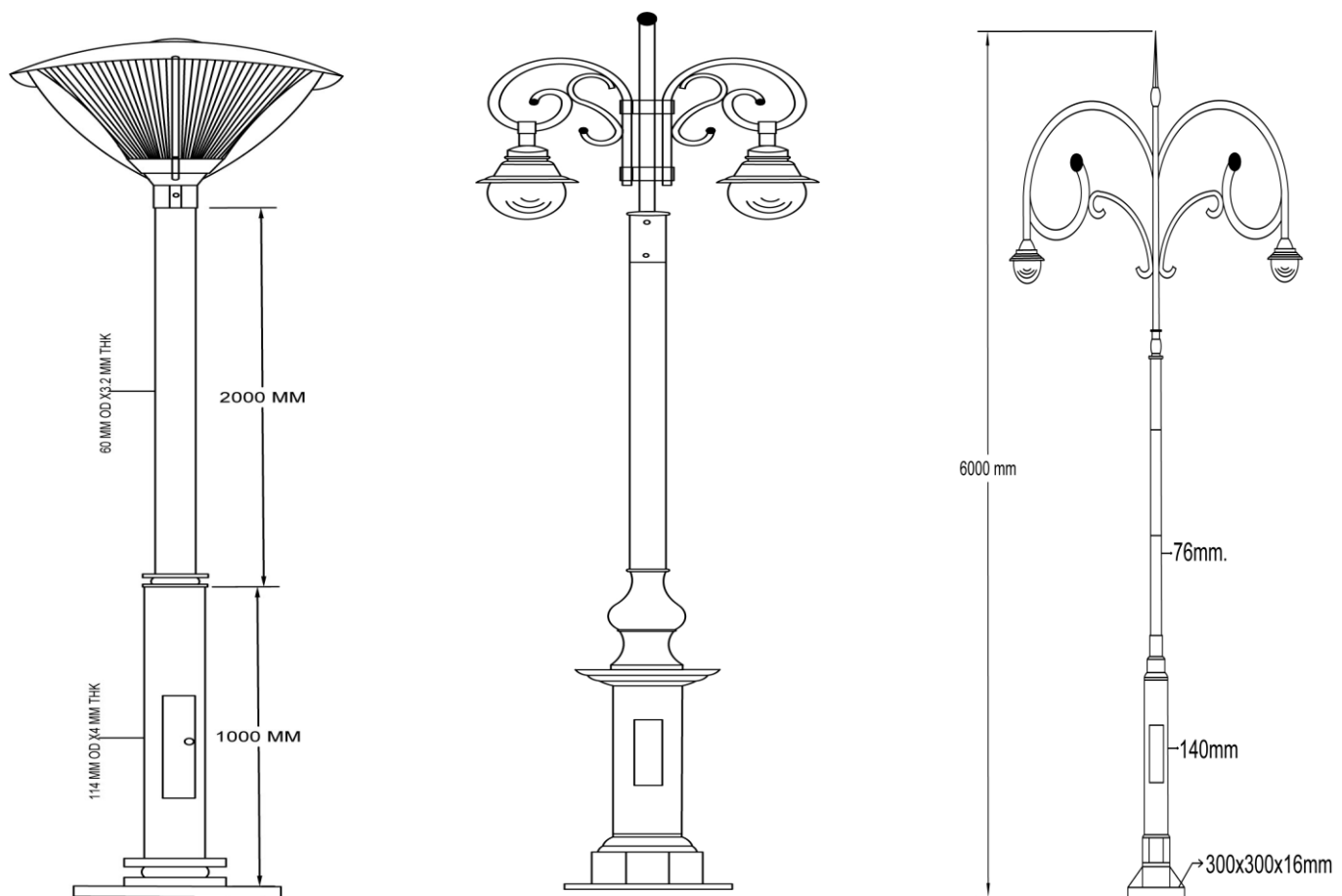
ELECTRICAL POLES



DECORATIVE POLE

SPECIFICATION:

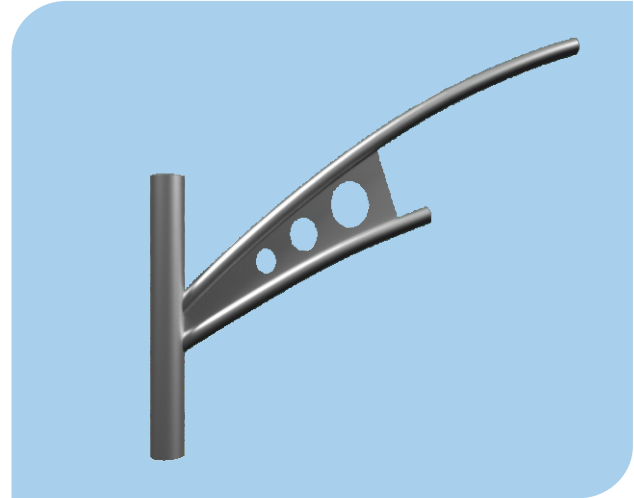
- > Pole Height : 3 To 7 Mtr
- > Pole Diameter : 60mm To 140mm OD
- > Pole Thickness: 3 To 5mm
- > Foundation Plate: 200 To 400mm
- > Plate Thickness: 6mm To 16mm
- > Surface Coating: Powder Coated, Painted & Hot Dip Galvanizing.
- > Usage: Garden, Outdoor, Commercial.



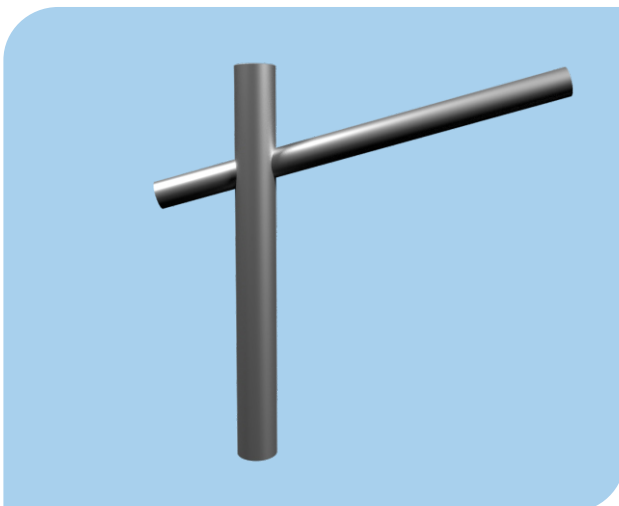
DESIGN OF DECORATIVE BRACKET (SINGLE ARM)



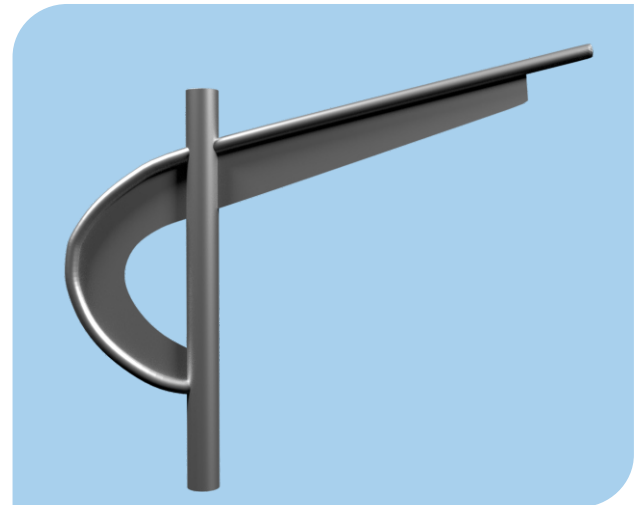
KSA-01



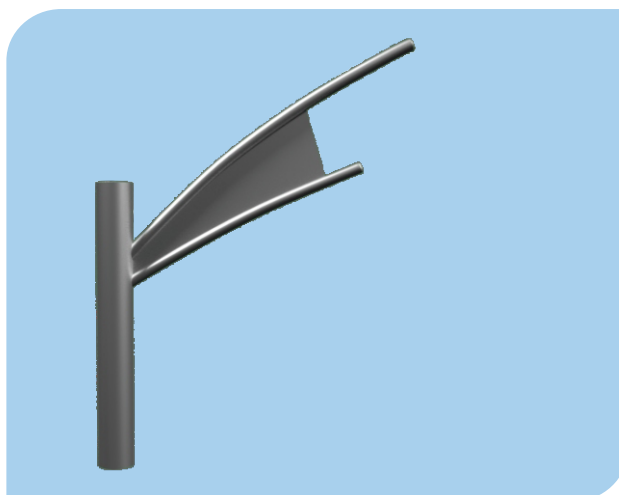
KSA-02



KSA-03



KSA-06

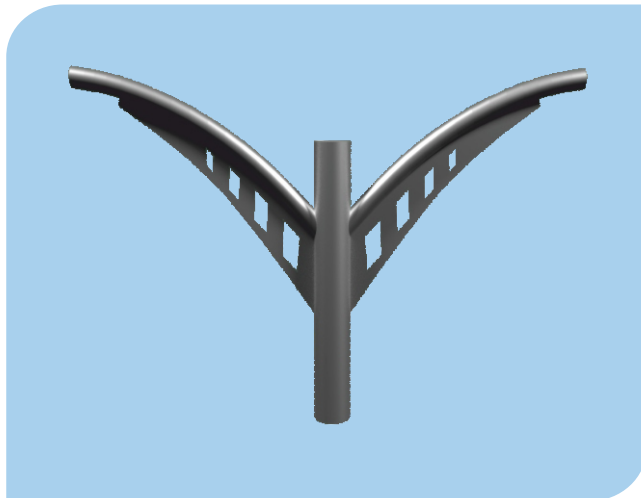


KSA-08

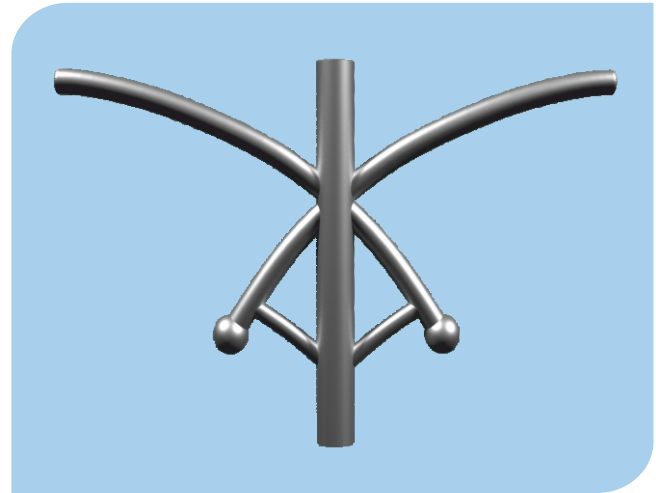


RING

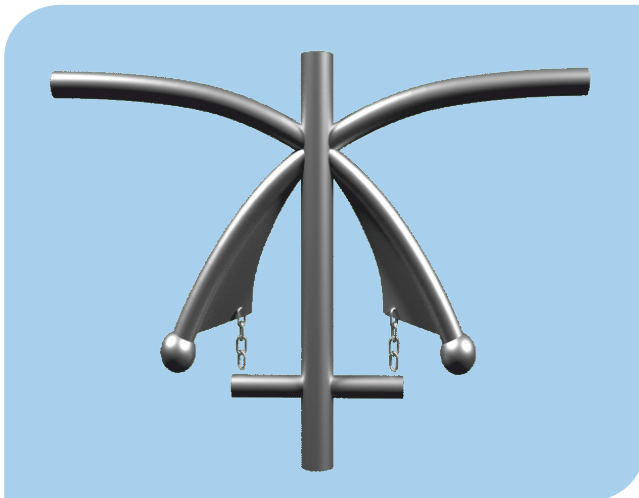
DESIGN OF DECORATIVE BRACKET (DOUBLE ARM)



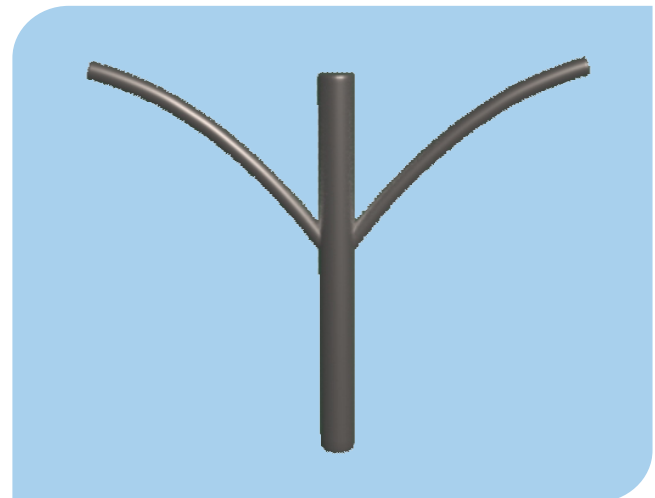
KDA-01



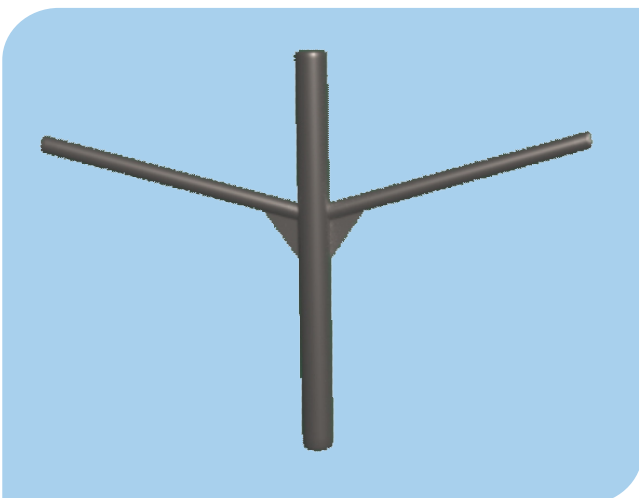
KDA-03



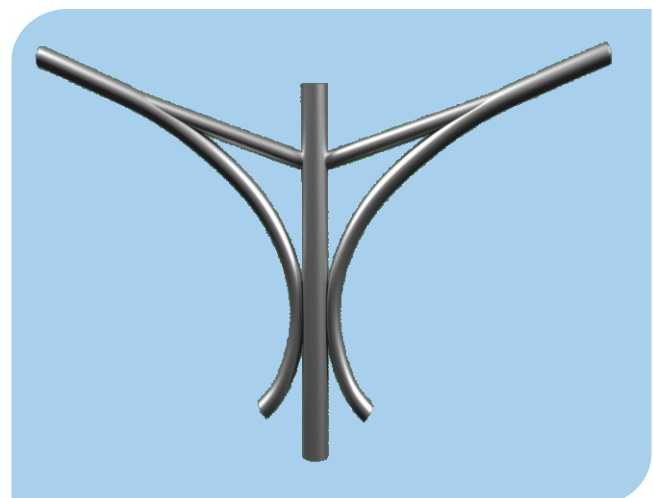
KDA-04



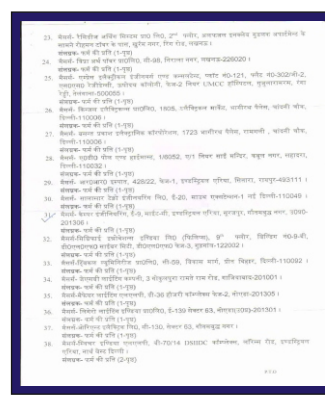
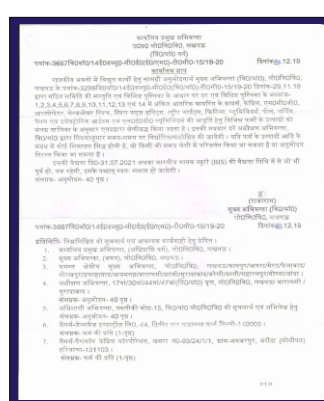
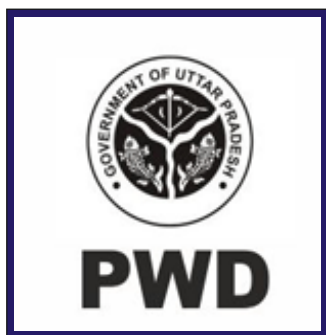
KDA-07



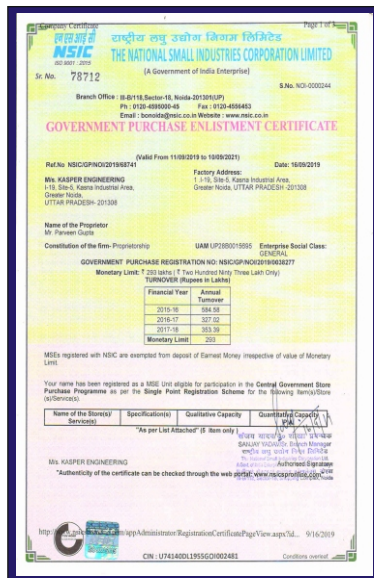
KDA-09



KDA-05



CERTIFICATES





Contact Us :

I-19, Site-5, Kasna Industrial Area, Kasna, Greater Noida, Uttar Pradesh-201310

Branch Office- Main Road Mariyad Patti ,Bhadohi

Ph.No.-971-162-9213

Website : www.kasperengineering.com, www.kasperengineering.co.in

e-mail : admin@kasperengineering.com, sales@kasperengineering.com