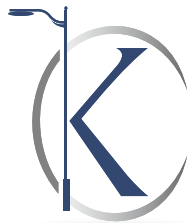


Stand for *Showing* Path



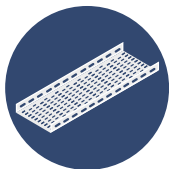
KISMAT



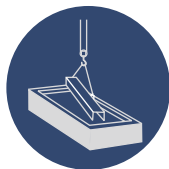
All Type of Poles



Crash Barrier



Cable Tray



All Type of
Galvanized Products



Panel Board



Solar Structure



Fabrication work

A Bit About us:

In 1991, the **Kismat** Group of companies journey begins in Rajkot, Gujarat, India. We apparently started with tubular poles, expanded with octagonal and conical poles in 2012 and presented all variables as from 2014. Since 1991, we have been one of India's leading suppliers of Tubular Swaged poles, especially in Gujarat, in both governmental and non-governmental entities.

We are the First who start manufacturing of Octagonal and Conical poles in Rajkot, Gujrat, India. Being one of Gujarat's leading manufacturers we have become synonymous with consistency across our broad product selection for different applications. Our collection of solutions includes: Tubular Swaged poles, Octagonal poles, Conical round poles, High-Mast poles and many more. In 2015 start manufacturing of Industrial Cable Trays in 2018 invested in Hot Dip Galvanized processing unit and developed in house Solar Structure, Crash Barriers, Galvanized Earthing Materials, Transmission Tower Line and provide galvanizing service.

“**KISMAT**” deeply value our dedication to:

- High quality
- Outstanding customer service
- Meaningful and strategic relationship with customers.
- End-to-end service through our product design creativity approach, ever growing portfolio and powerful logistics support.

With the immense expertise acquired over the years by the business management, we promise that you will be provided with all the best solutions for your designs, along with top-notch presale and later service to insure that your entire goal is achieved.





OUR POLICY

Maintaining consistency and assurance

Performance is one of the most significant considerations taken into account from the beginning of the early stage, starting with the preparation of the order for the client and ending with the project completion. Step-by - step checks are carried out to test the requirements in compliance with international standards and tolerances.

We manufacture lighting poles in different variants, high mast pole other steel products that are:

- Steel Tubular Swaged poles as per - IS: 2713 (Part: II)-1980 we make all types of poles.
- Octagonal street light poles with Hot dip Galvanizing to any required length (As per specification).
- Conical round street light poles with Hot dip Galvanizing.
- High-Mast Pole starting from (9 mtrs up to depend on customer requirement)
- Solar High-mast Light pole based on specified drawing.
- CCTV camera & Gantry poles based on drawing.
- Industrial Cable Trays based on stranded size and requirement.
- Solar Structure with Hot dip Galvanizing.
- Crash Barrier standard W Beam and Thrie Beam of Barrier.

Design

Kismat Group of companies constructed in compliance with the BS EN 40 standard taking into account all relevant parameters, such as wind speed and luminaries size.

Hot dip galvanizing (IS 2629/4759)

Prevention of corrosion is an important consideration for the economical use of steel. Hot dip galvanizing in most steel products offers the perfect protection against steel corrosion. No other competitive coating matches galvanizing special combination of low first cost inspection facility for coating consistency, low-maintenance longevity and mechanical impact resistance.

Galvanizing offers an unusually longer duration of abrasion resistant coating. No other protective coating can match this unique process.

As galvanizing requires zinc coating at a substantial low cost and relatively high negligible long-term maintenance, it is considered the most effective coating today. The galvanized coating is part of the steel sheet, as it forms a layer of zinc-iron alloy and a material boundary to the base steel.

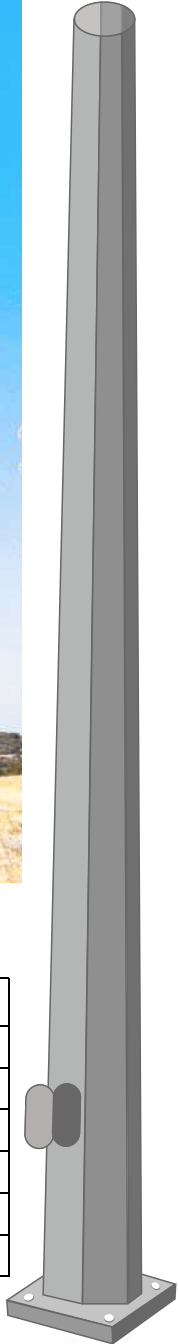
Relative to other traditional coatings, the corrosion rate is highly noticeable.

Galvanizing does not affect the mechanical properties that are usually galvanized.

OCTAGONAL / POLYGONAL POLES

KISMAT offers a wide range of octagonal/ polygonal poles, customized as per client requirements that are used for outdoor illumination, power distribution, road and construction, surveillance and smart pole application. Manufactured conforming to IS Standards, we offer poles between 3 Mtrs to any size as per customer specifications and design requirements. Such poles are usually galvanized hot dip after production, both internally and externally according to IS-2629 / BSEN ISO 1461 or equivalent.

Lighting poles are crafted using updated technology CNC & PLC operated machine with minimum manual handling needed using first class steel mill raw materials.

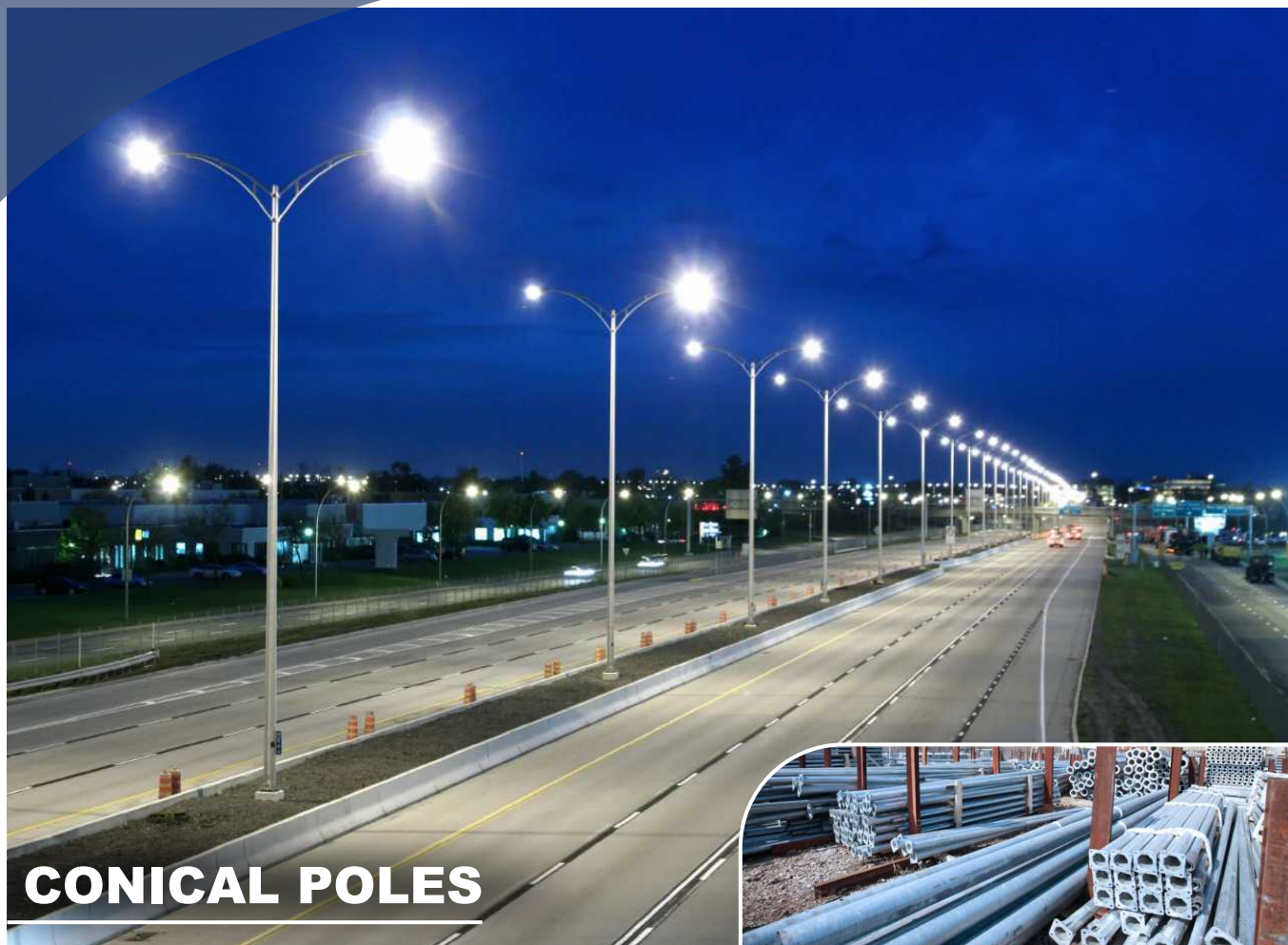


Manufacturing Specifications

MATERIAL	High tensile sheet equivalent to BSEN 10025:2004/IS 2062:2011 Gr. E355BR
BASE PLATE	MS Plate as per IS 2062:2011 Gr. E250A
FOUNDATION BOLT	IS 1367:1994
GALVANIZING	As Per IS 4759:1996/IS 2629:1985
WIND SPEED	As per IS 875 (Part-3):2015/As per customer requirement
DESIGN SAFETY FACTOR	As per ILE TR 7:2000
TOLERANCES	As per BS 5649 : 1978

Specification

POLE TYPE	HEIGHT	THICKNESS	TOP A/F	BOT A/F	BASE PLATE	PCD	FOUNDATION BOLT	DOOR LENGTH (OPENING)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
KOP-3030	3000	3	70	135	200 X 200 X 12	200	M16 X 450	370
KOP-4030	4000	3	70	135	200 X 200 X 12	200	M16 X 450	370
KOP-5030	5000	3	70	135	220 X 220 X 12	220	M16 X 600	370
KOP-6030	6000	3	70	135	220 X 220 X 12	220	M20 X 600	420
KOP-7030	7000	3	70	135	220 X 220 X 12	220	M20 X 600	420
KOP-8030	8000	3	70	135	225 X 225 X 16	225	M20 X 600	420
KOP-9030	9000	3	70	155	260 X 260 X 16	260	M24 X 750	500
KOP-1030	10000	3	70	175	275 X 275 X 16	275	M24 X 750	500
KOP-1031	10000	3	70	200	300 X 300 X 20	300	M24 X 750	500
KOP-1130	11000	3	90	210	320 X 320 X 20	320	M24 X 750	500
KOP-1230	12000	3	90	240	320 X 320 X 20	320	M24 X 850	500



CONICAL POLES

KISMAT offers a wide range of conical poles, customised as per client requirements that are used for outdoor illumination, power distribution, solar, surveillance and smart pole application. Manufactured conforming to IS Standards, we offer poles between 3 Mtrs to any size as per customer specifications and design requirements.

Manufacturing Specifications

MATERIAL	High tensile sheet equivalent to BSEN 10025:2004/IS 2062:2011 Gr. E355BR
BASE PLATE	MS Plate as per IS 2062:2011 Gr. E250A
FOUNDATION BOLT	IS 1367:1994
GALVANIZING	As Per IS 4759:1996/IS 2629:1985
WIND SPEED	As per IS 875 (Part-3):2015/As per customer requirement
DESIGN SAFETY FACTOR	As per ILE TR 7:2000
TOLERANCES	As per BS 5649 : 1978
TAPER	11mm/m

Specification

POLE TYPE	HEIGHT	THICKNESS	TOP A/F	BOT A/F	BASE PLATE	PCD	FOUNDATION BOLT	DOOR LENGTH (OPENING)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
KCP-3030	3000	3	65	100	200 X 200 X 12	200	M16 X 450	500
KCP-4030	4000	3	65	108	200 X 200 X 12	200	M16 X 450	500
KCP-5030	5000	3	65	119	200 X 200 X 12	200	M16 X 450	500
KCP-6030	6000	3	65	130	220 X 220 X 12	220	M20 X 600	500
KCP-7030	7000	3	70	145	220 X 220 X 12	220	M20 X 600	500
KCP-8030	8000	3	70	155	250 X 250 X 16	250	M24 X 700	500
KCP-9030	9000	3	70	167	260 X 260 X 16	260	M24 X 750	500
KCP-1030	10000	3	70	178	275 X 275 X 16	275	M24 X 750	500
KCP-1130	11000	3	70	190	300 X 300 X 16	300	M24 X 850	500
KCP-1230	12000	3	70	210	320 X 320 X 16	320	M24 X 850	500



HIGH MAST POLES

A lot of places in this world are operating 24 /7. High-mast lighting is essential to ensuring protection, productivity and performance in those areas.

KISMAT offers a wide range of High Mast poles, customized as per client requirements that are used for roadways, ports and other industrial area lighting, stadium lighting, flag mast. Manufactured conforming to IS Standards and can withstand wind speed as per IS 875 (P-3):2015.



Manufacturing Specifications

MATERIAL	High tensile sheet equivalent to BSEN 10025:2004/IS 2062:2011 Gr.E355BR
BASE PLATE	MS Plate as per IS 2062:2011 Gr. E250A
FOUNDATION BOLT	IS 1367:1994
GALVANIZING	As Per IS 4759 : 1996 / IS 2629 : 1985
WIND SPEED	As per IS 875 (Part3):2015/As per customer requirement
MOTOR	As per IS 325:1996 (3PH A.C., 415V, 4/6 Pole, 1HP to 3HP)
WINCH	350KGS, 500 KGS, 750 KGS & 850 KGS
WIRE ROPE	Stainless Steel 6MM, 8MM, AISI 316, 7/19 Construction.
PULLEY	LM 6 with Self-lubricating PB bush.
HARDWARE	Stainless Steel
FEEDER PILLAR BOX	Feeder Pillar Box: As per customer requirement

HIGH MAST / STADIUM MAST POLE



Specification

HIGH MAST	Hight (Mtrs)	Bottom A/F	Top A/F	Plate thickness	Base Plate	PCD	Foundation Bolt	Luminary Capacity**				
		(mm)	(mm)	(mm)	(mm)	(mm)		55m/s	50m/s	47m/s	44M/S	39m/s
KHP009	9	310	100	3	450 x 20	385	M24/750X4	6	6	6	6	6
KHP011	11	310	100	3	450 x 25	385	M24/750X4	6	6	6	6	6
KHP012	12	310	100	3	450 x 25	385	M24/750X4	6	6	6	6	6
KHP012.5L	12.5	360	100	3	520 x 25	445	M24/750X4	8	9	9	9	9
KHP012.5M	12.5	360	150	3	520 x 25	445	M24/750X4	8	9	9	9	9
KHP016L	16	360	150	3	520 x 25	445	M24/750X6	NA	8	8	8	8
KHP016M	16	410	150	3	570 x 25	490	M30/850X8	6	9	12	12	18
KHP016M1	16	410	150	3	570 x 25	490	M30/850X8	16	18	18	18	18
KHP016S1	16	460	150	3	670 x 25	590	M30/850X8	18	18	24	24	24
KHP020L	20	360	150	3	520 x 25	445	M30/850X6	NA	NA	NA	NA	9
KHP020M	20	410	150	3	570 x 25	490	M30/850X8	NA	8	9	9	18
KHP020M1	20	410	150	3	570 x 25	490	M30/850X8	8	12	16	16	18
KHP020S	20	460	150	3	670 x 25	590	M30/850X8	6	9	12	12	24
KHP020S1	20	460	150	3	670 x 25	590	M30/850X8	12	16	18	18	24
KHP025L	25	460	150	3	670 x 30	590	M30/850X12	6	9	12	12	18
KHP025L1	25	460	150	3	670 x 30	590	M30/850X12	8	12	12	12	18
KHP025S	25	540	150	3	730 x 32	650	M30/850X12	18	24	24	24	24
KHP030L	30	460	150	3	730 x 32	590	M30/850X12	NA	6	6	6	12
KHP030M	30	540	150	3	730 x 32	650	M30/850X12	8	12	12	12	24
KHP030M1	30	540	150	3	730 x 32	650	M30/850X12	8	12	16	16	24
KHP030M2	30	610	150	3	840 x 32	740	M30/850X12	12	18	18	18	24
KHP030M3	30	610	150	3	840 x 32	740	M30/850X12	12	18	18	18	24
KHP030S	30	610	150	3	840 x 32	740	M30/850X12	16	18	18	18	24
KHP030S1	30	610	150	3	840 x 32	740	M30/850X12	12	18	24	24	24

Note: Dimension are subject to change based on the location of mast installation, Luminary Type, Number, Distribution, Soil Condition, Design life etc...



TUBULAR SWAGED POLE

Swaged poles are made from E.R.W./Welded tubes of the appropriate lengths swaged and joined together. No circumferential joint shall be allowed in a single pipe of poles. Each swag joint shall be staggered with longitudinal welds. Hydraulic power pack does swaging. Circumferential welding at the upper end of the joint at approximately 100+ poles are usually manufactured per day by us in compliance with IS 2713 (P-III)-1980 and different size poles may also be manufactured in accordance with customer illustrations or specifications.

Manufacturing Specifications

MATERIAL	Mild Steel & Galvanizing Tubes
STANDARDS	IS 2713/80 (Part 1 to 3)1980
DESIGN	410SP - 1 to 410SP - 80
APPLICATION	Distributon, Transmission and Illumination, etc.
LENGTH	(7 meter to 16 meter) as per specifications attached

SOLAR STREET LIGHT POLES



Kismat offers solar light mini mast with high efficient, durable, weather proof, developed based on standard designs as well as provides customization. Charge controller, Battery and related electrical accessories on the lantern carriage having weather proof construction. Manually operated winch or Electro mechanically motorized winch operations.

An outstanding choice if you are in need of a high-end reliable solar-powered light that can be installed anywhere you want. Solar street lights are elevated light sources that are usually installed on the lighting frame, or built into the pole itself, by solar panels. Used in: Traffic Junctions, Car Parks and Area Lighting.

CCTV POLES and GANTRY

KISMAT has come up with the latest demanding poles that is Closed-circuit television (CCTV), also known as video surveillance. The pole has the video cameras to transmit a signal to a specific place, on a limited set of monitors. We provide the customization on CCTV camera with gantry also. Gantry is a bridge-like overhead structure with a platform supporting equipment such as a crane, signals, or cameras.

Based on our numerous years of experience, we built a collection of security camera poles to satisfy the protection and safety needs of our customers. Comprised of durable materials to avoid damage to our protection poles, items like spotlights and CCTV cameras can be adapted to suit the specific needs of our customers.



SQUARE POLE

The square lighting pole is a unique and evergreen concept is taken from European and US countries. We offer Square poles from small size up to high light view as per customer needs and locations. We have developed special designs for Square and its Accessories curved poles to meet the requirements of today's contemporary and modern road designs and blend with urban cityscape, Architectural forms, and designs as per project need to satisfy and smart city requirements. The Square poles are produced using HR Square pipe and with help of CNC Lacer and Plasma cutting we develop different types of designer poles and offer our customers Hot Dip Galvanized, Powder Coating, PU Painted for better quality and long life.

DECORATIVE POLES

Decorative lighting is important for urban regeneration. It builds a distinctive sense of community, offers upscale aesthetics and brings style-conscious shoppers to revived retail developments. Kismat have developed special designs for tubular and conical curved poles to meet the requirements of today's Contemporary and modern road designs and blend with urban city scape, Architectural forms and designs as per project needs to satisfy and smart city requirements.

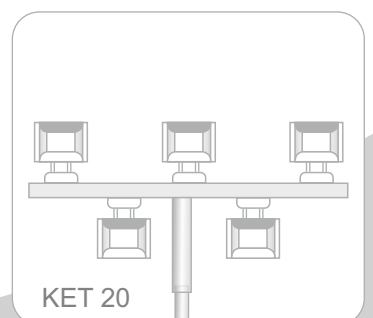
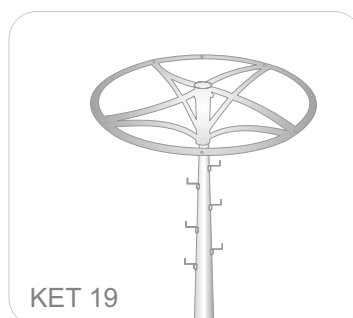
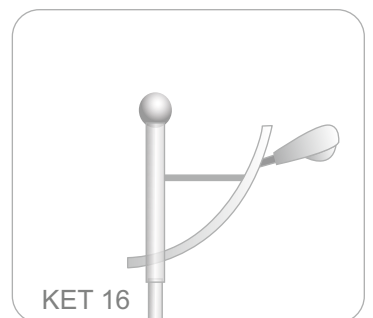
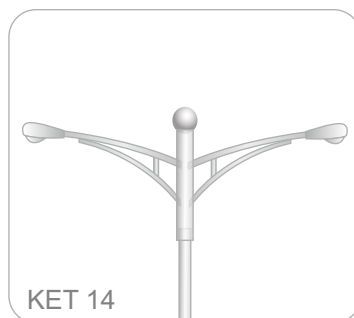
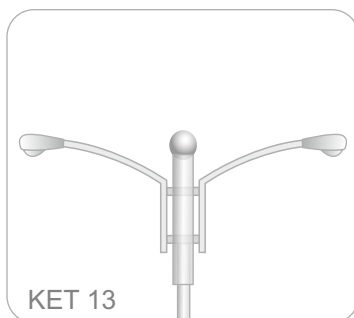
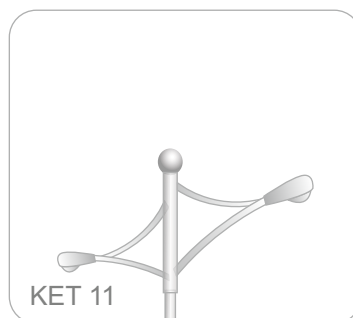
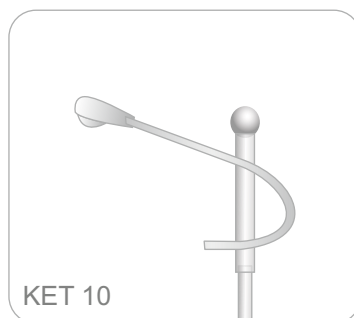
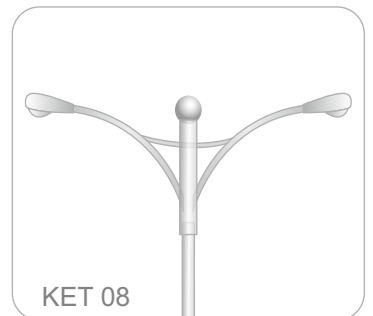
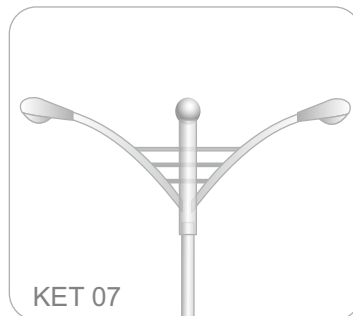
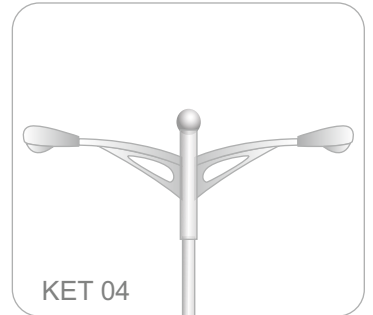
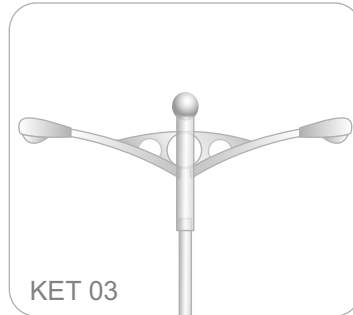
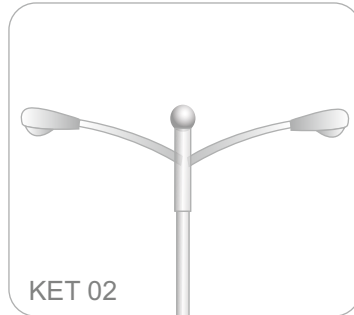
The decorative pole offered is produced by our professionals using raw material using HR Steel, Seamless Tubes, and Sheared by CNC plasma cutting and bending machines ensuring accurate forms, sizes, dimensions and thickness.

Hot Dip Galvanized with 7 tank process confirming to IS 4759. Surface final finish of PU Painted or Powder coated with wide range of color and finish options to meet project requirements.



DECORATIVE BRACKETS

To complement **KISMAT** make Octagonal, Conical, Decorative curved and bent poles wide range of creative design cum functional decorative brackets with single, Double arms of varying lengths and sizes produced to match the project needs. Different types of bracket shapes are created to enhance the surrounding beauty of public places.



LED STREET LIGHT



KET L01



KET L02



KET L03

18W | 24W | 30W | 36W 50W | 72W | 100W | 150W | 200W

MODEL: FAITH

Body	Aluminum Die-cast	Surge	2.5KV to 10KV
PCB	Aluminum	I/V	85-300V
IP	Ip65 / Ip67	CCT	6500K, 3000K
PF	>0.95	Lumens	130-140LM/W

Features : High Power Factor, High Surge Protection, IC Based Isolated Driver, High Efficiency, Low THD, SCP
Application : Street Lighting, Highway Lighting, Parking Lighting, Campus Lighting, Garden Lighting

Metal Beam Crash Barrier

Metal Crash barriers are basically Road safety systems, which are provided to ensure high resistance to impact because of its flexible beam action. In this way it minimizes the speed of the vehicle and also increases the driver's confidence while riding through any critical areas. **KISMAT EngiTech LLP** is a leading manufacturer and supplier of Metal Beam Crash Barriers, Our range of Metal Beam Crash Barriers types are W-Beam and Thrie-Beam.



Metal Beam Crash Barriers are manufactured by using the Hot Roll Forming Technology with multiple roll forming stations. This enables us to achieve our productivity and targets on regular basis along with greater quality and accuracy.

W-Beam Structural Elements:

Process Methods:

Cold Roll Forming, Piercing, Shearing, Profile Bending, Hot Dip Galvanizing

Sizes/Ranges:

Type	Effective Length in mm	Overall Length in mm	Bare Sheet Thickness in mm	No. of Slot 22 X 30 mm	No. of Slot 20 X 65 mm
W-Beam	4000	4318 x 312 x 81	2.5 to 3.0	16	3
W-Beam	3000	3318 x 312 x 81	2.5 to 3.0	16	3

Type	Overall Length in mm	Sheet Thickness in mm	C-Size mm	No. of Slot 21 mm	No. of Slot 20 X 65 mm
Post	1100 to 1800	4.0 to 5.0	150 X 75	2 to 4	1 to 2
Spacer	330 to 360	4.0 to 5.0	150 X 75	2 to 4	1 to 2

End Section : L 736 x W 312 x H 81 x T 2.50 to 3.0 mm

Bolts & Nuts : M16 x P 2.5 x L 40m (Button head), M18 x P 2.5 X L 40m (Hex. Head)

Raw Materials Specifications:

W-Beam/End Section	- HR Sheet T 2.50 to 3.0 mm as per IS:1079 HR3 / IS:2062 E-355 A
Post & Spacer	- HR Sheet T 4.0 to 5.0 mm as per IS:2062 E-355 A
Bolts & Nuts	- M16 as per IS:1367 / 136 (Hex/Button head)
Hot Dip Galvanized	- As per IS:2629 (550 g/m ²)

Note:

Specification of raw materials and surface finishing can be customized to client's needs.



Thrie-Beam Structural Elements:

Process Methods:

Cold Roll Forming, Piercing, Shearing, Profile Bending, Hot Dip Galvanizing

Sizes/Ranges:

Type	Effective Length in mm	Overall Length in mm	Bare Sheet Thickness in mm	No. of Slot 22 X 30 mm	No. of Slot 20 X 65 mm
Thrie-Beam	4000	4318 x 502 x 81	2.5 to 3.0	16	3
Thrie-Beam	3000	3318 x 502 x 81	2.5 to 3.0	16	3

Type	Overall Length in mm	Sheet Thickness in mm	C-Size mm	No. of Slot 21 mm	No. of Slot 20 X 65 mm
Post	1100 to 1800	4.0 to 5.0	150 X 75	2 to 4	1 to 2
Spacer	330 to 360	4.0 to 5.0	150 X 75	2 to 4	1 to 2

Raw Materials Specifications:

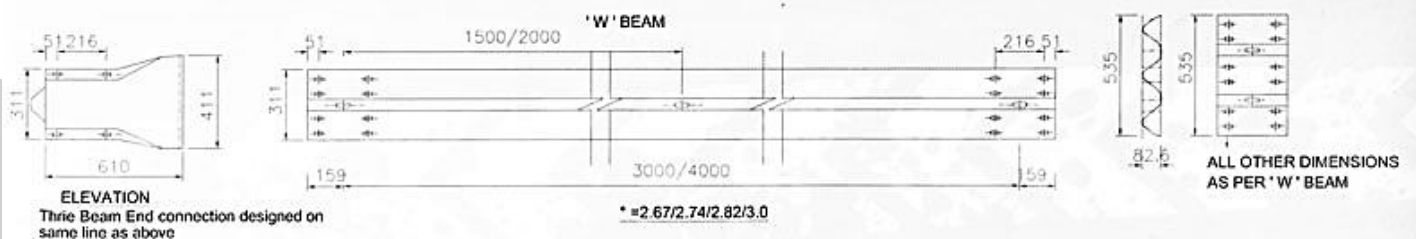
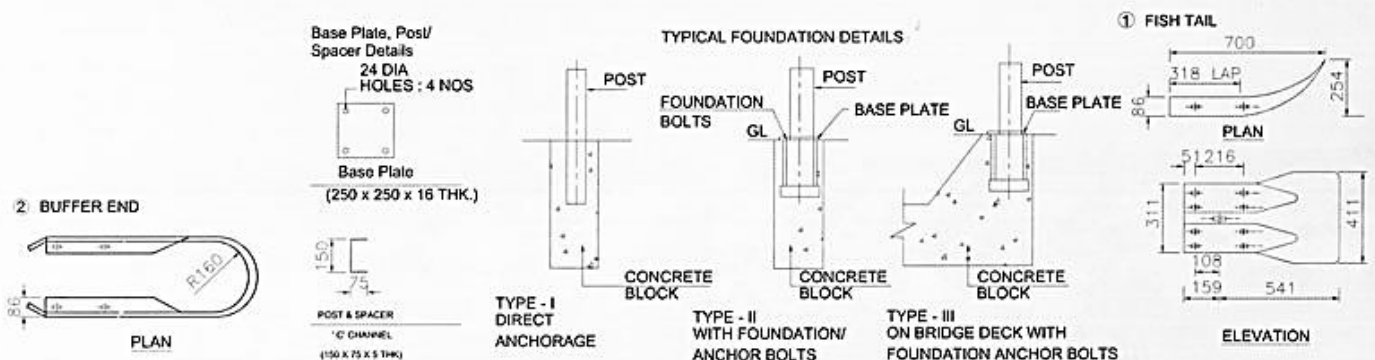
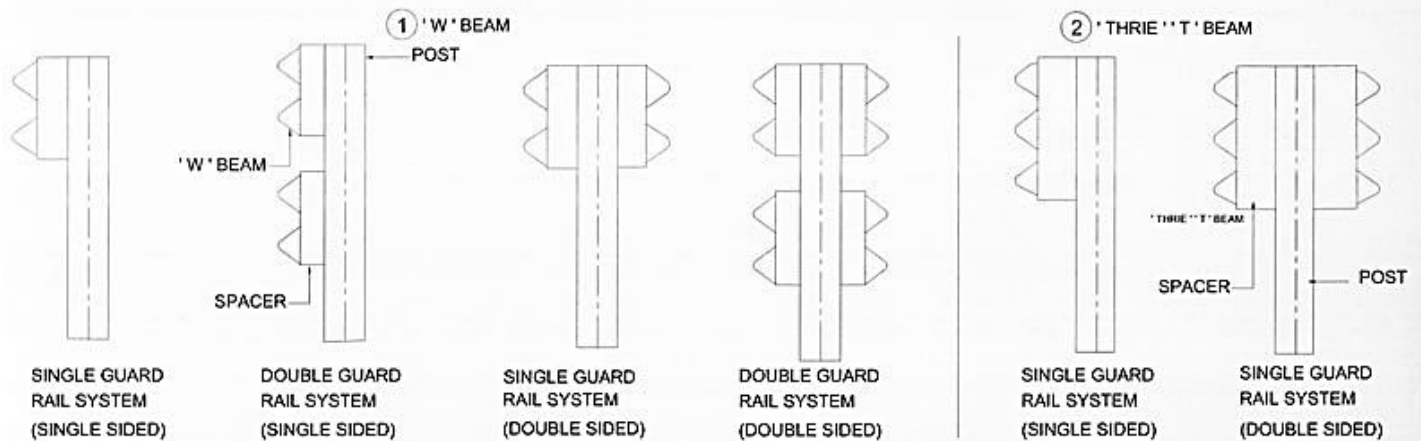
Thrie Beam/End Section - HR Sheet T 2.50 to 3.0 mm as per IS:1079 HR3 / IS:2062 E-250 A
 Post & Spacer - HR Sheet T 4.50 to 5.0 mm as per IS:2062 E-250 A
 Bolts & Nuts - M16 as per IS:1367 / 1364 (Hex/Button head)
 Hot Dip Galvanized - As per IS:2629 (550 g/m²)

Note:

Specification of raw materials and surface finishing can be customized to client's needs.



METAL BEAM CRASH BARRIER / GUARDRAIL SYSTEMS : TYPES, DESIGN DETAILS & END CONNECTIONS TYPES / SYSTEMS





KISMAT
EngiTech LLP



KARNAVATI
STRUCTURE LLP

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📍 Off.N.H-8A,Bamanbore-Morbi National Highway, Nr.wakaner Boundry,
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