

# CCTV POLE

Pole specially designed for CCTV surveillance & security monitoring application.

Special consideration is given to minimize deflection and vibration. Several option is available such as standard fixed type, climbing rung & mid-hinged collapsible.

## OPTION AND ACCESSORIES

- Height up to 20M
- Customize bracket to suit Camera
- Polyester Powder Coating Finish
- Fiberglass Service Door
- Anti-Climb Device

# STANDARD LIGHTING POLE

by Mestron®

## TECHNICAL SPECIFICATION

1

LIGHTING POLE COMPLY TO **BS EN 40-5 : 2002** "LIGHTING COLUMNS REQUIREMENT FOR STEEL LIGHTING COLUMNS"

2

DESIGN OF POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND **35 M/S** WIND-SPEED, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF **1.0**

3

POLE DESIGN VALIDATED WITH TYPE TEST "DESIGN AND VERIFICATION", TESTING IN ACCORDANCE TO **BS EN 40-3-2 : 2013**

4

MATERIAL USED FOR LIGHTING POLE COMPLY TO **BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 / SS400** WITH MINIMUM YIELD AND TENSILE STRENGTH OF **275 MPa** AND **430 MPa** RESPECTIVELY

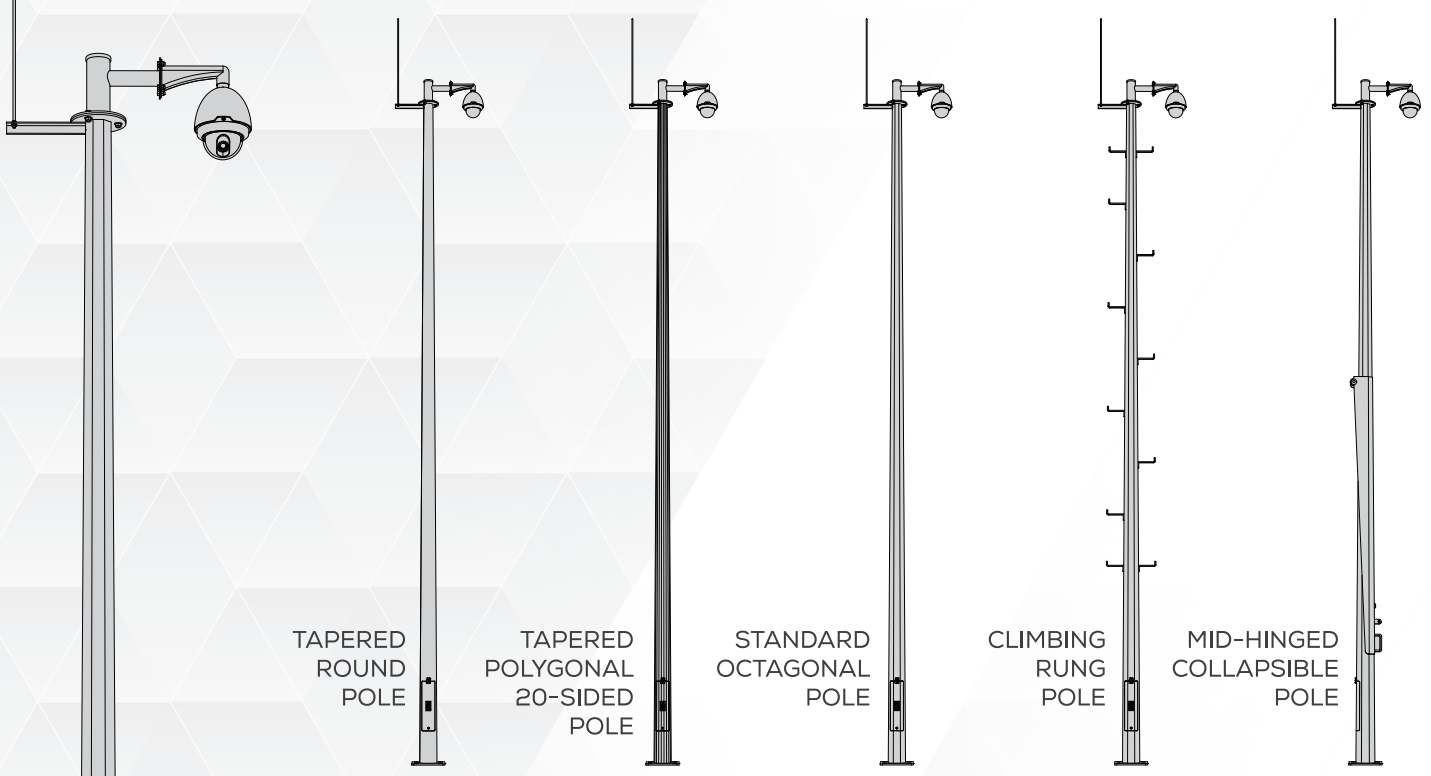
5

WELDING PROCESS OF LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER **BS EN 1011-2 : 2001**

6

PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO **BS EN ISO 1461 : 2009**





TAPERED ROUND POLE

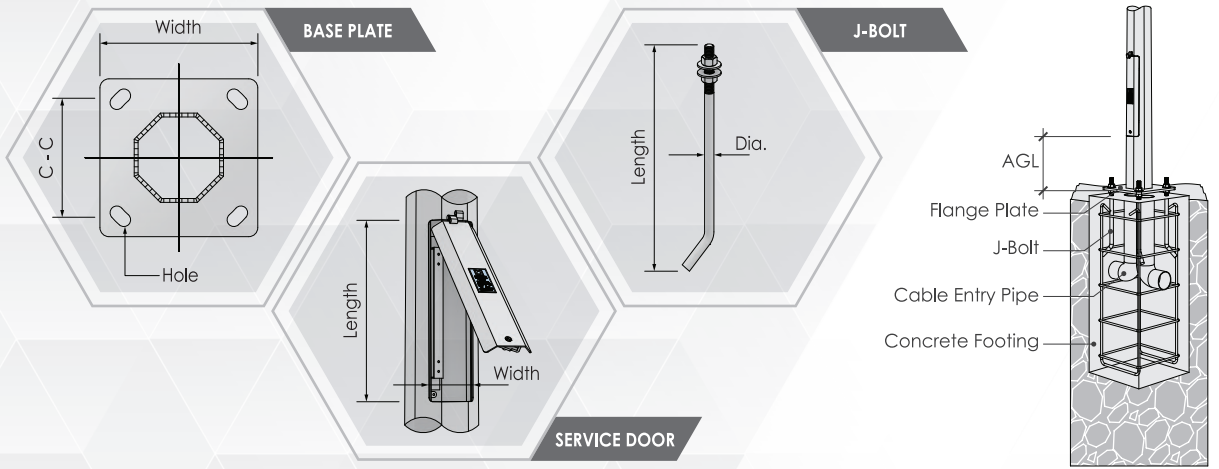
TAPERED POLYGONAL 20-SIDED POLE

STANDARD OCTAGONAL POLE

CLIMBING RUNG POLE

MID-HINGED COLLAPSIBLE POLE

FLANGE MOUNTED TYPE



Pole(M)	ACROSS FLAT, A/F			BASE FLANGE PLATE				SERVICE DOOR**		J-BOLT		CONCRETE FOOTING		
	A/F-T	A/F-B	Def	Width	C - C	Hole	THK	AGL	Width	Dia.	Length	Width	Height	C - C
4	83	133	1.0	250	195	37 x 20	9	305	90	16	280	300	800	195
6	83	157	1.0	300	220	45 x 26	12	305	100	20	450	400	1000	220
8	83	174	1.0	300	220	45 x 26	12	305	110	20	450	400	1300	220
9	83	186	1.0	300	220	45 x 26	15	610	120	20	450	400	1300	220
10	83	200	1.0	350	260	52 x 30	16	610	120	24	570	450	1300	260
12	83	227	1.0	400	300	56 x 30	18	610	120	24	570	500	1500	300
15	83	258	1.0	400	300	73 x 39	18	610	160	33	840	600	1800	300
18	100	321	1.0	550	400	73 x 39	18	610	180	33	840	T-Shape (18M)		
20	100	350	1.0	550	400	73 x 39	25	610	200	33	840	T-Shape (20M)		
12	100	249	0.5	400	300	56 x 30	18	610	140	24	570	500	1600	300
15	120	346	0.5	550	400	73 x 39	18	610	160	33	840	600	2000	400
18	120	393	0.5	ø650	ø550	ø39	25	610	180	33	840	T-Shape (18M)		
20	120	426	0.5	ø750	ø600	ø39	25	610	200	33	840	T-Shape (20M)		

\*All Dimension are in Millimeter (MM) unless stated  
 \*\* Standard service door length is 450mm except for 4M pole(350mm)