

# Polygonal/Octagonal Poles

Product	Height	Thickness	Wind Speed	Diameter & Base Plate	Luminary
Polygonal Pole	3 meters to any size as per customer specifications and design requirements	3 mm to as per customer specification and design requirements	Up to 300 km/hour	As per design	As per customer requirement

## Manufacturing Specifications

### Standards

<b>MATERIAL</b>	Shaft- High tensile sheet/Plate Equivalent to BSEN 10025:2004/IS 2062:2011 Gr. E350BR. Base Plate- As per IS 2062:2011 Gr. E250A,
<b>FOUNDATION BOLT</b>	IS 1367:1994
<b>GALVANIZING</b>	As Per IS 4759:1996/IS 2629:1985/BSEN ISO 1461:2009
<b>WIND SPEED</b>	As per IS 875 (Part-3):2015/As per customer requirement
<b>DESIGN</b>	As Per IS 875 Part-3:2015, IS 800, IS 6533:1989, BS 5649:1985/EN 40
<b>WELDING</b>	As per IS 10178 : 1995/ IS 9595 : 1996
<b>DESIGN SAFETY FACTOR</b>	As per ILE TR 7:2000
<b>TOLERANCES</b>	As per BS 5649 : 1978/EN 40, IS 1852: 1985

### Specifications

SL	HT	THK	TOP A/F	BOT A/F	BASE PLATE	PCD	FOUNDATION BOLT	DOOR LENGTH (OPENING)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1	3000	3	70	130	200 X 200 X 12	200	M16 X 450	370
2	4000	3	70	130	200 X 200 X 12	200	M16 X 450	370
3	5000	3	70	130	220 X 220 X 12	220	M16 X 600	370
4	6000	3	70	130	220 X 220 X 12	220	M20 X 600	420
5	7000	3	70	130	220 X 220 X 12	220	M20 X 700	420
6	8000	3	70	135	225 X 225 X 16	225	M20 X 700	420
7	9000	3	70	155	260 X 260 X 16	260	M24 X 750	500
8	10000	3	70	175	275 X 275 X 16	275	M24 X 750	500
9	10000	3	90	200	300 X 300 X 20	300	M24 X 750	500

10	11000	3	90	210	320 X 320 X 20	320	M24 X 750	500
11	12000	3	90	230	325 X 325 X 25	325	M24 X 750	