



BENT SHEET METAL PYRAMIDAL POLES – Extenders for OSV and OSP lighting poles

Basic Information

Extenders for clamped lighting poles (OSV) and flanged lighting poles (OSP) significantly broaden their use. A lighting fixture placed on an extender enhances the luminous flux distribution above the lit communication or area as per light calculations. Multi-arm extenders allow using one pole for fixing two light fixtures, e.g. in the central lighting set.

Technical Description

Extenders are made of the S 235 JRC + N material class bent steel sheet metal.

Hot zinc dipping with the minimum coat thickness of 80µm is the standard finish.

Extenders are placed on poles with circumscribed top diameter of 60 mm and secured with three to six setscrews. For fixing the lighting fixture, the extenders end with the circumscribed diameter of 60 mm. The manufacturer guarantees the service life of 20 years for the pole extenders.

The pole, the extender, the pole accessories (the pole equipment), and the complete lighting fixture may constitute a complete delivery. The extenders are designed so that they meet the load on the OSV and OSP poles according to CSN EN 40-3-1 with the lighting fixture maximum mass of 15 kg and the maximum aerodynamic resistance of 0.15 sq. m.

Maximum lengths of extenders are shown in the following table.

Extenders for clamped and flanged lighting poles

OSV, OSP Pole	Pole utility height (m]	Extender maximum possible length (mm)		
		One-arm	Two-arm 90	Two-arm 180
40.30	4	2,150	1,550	2,150
50.30	5	1,850	800	2,150
60.30	6	1,850	800	1,850
80.43	8	1,850	650	2,300
100.43	10	1,850	650	1,700
120.43	12	1,850	650	800
140.444	14	2,700	1,500	2,500
160.444	16	2,600	1,700	2,750

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