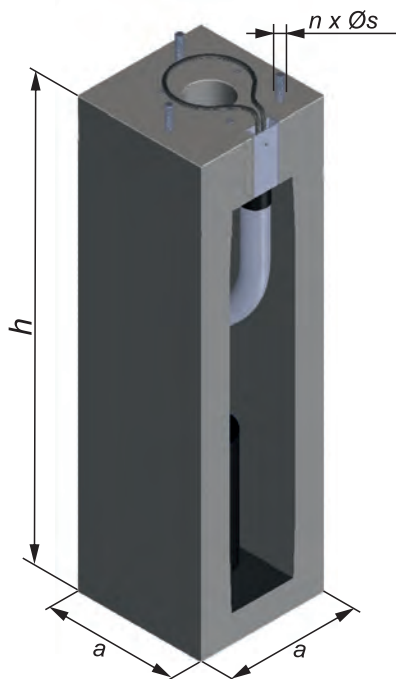


STREET LIGHT POLES WITH PASSIVE SAFETY CHARACTERISTICS, ACCORDING TO PN-EN 12767

PRECAST CONCRETE FOUNDATIONS TYPE F120PS-LE AND F150PS-LE FOR LE ENERGY ABSORPTION CATEGORY



Technical data					
TYPE	h	a	nxØs	m	Mg
	m	m	mm	kg	kNm
F120PS-LE	1,2	0,43	3xM24	250	25,5
F150PS-LE	1,5	0,43	3xM24	320	31,2

Design:

The foundation is made of C16/20 class reinforced concrete with penetrations for routing electrical cables with a maximum cross-section of 4x95 mm². The foundation is equipped with 3x M24 anchors for fixing the base of the column foot. Steel elements of the foundation: anchors, catches, bolts – all fasteners are galvanized.

Application:

The F120/PS-LE and F150/PS-LE foundations are intended for setting the new generation safety lighting poles. The F120/PS-LE or F150/PS-LE foundation, together with the next generation safety poles listed below, ensure the LE energy absorption category for the entire pole-foundation structure (*slow the vehicle down*);

- steel poles t = 3mm; S-PC-3PS series straight poles, height from 4 m to 11 m,
- steel poles t = 3mm; S-C-3PS series poles with arms, height from 5 m to 12 m,
- steel poles t = 3mm; S-PC-3PS-2w series straight poles, height from 4 m to 11 m,
- steel poles t = 3mm; S-C-3PS-2w series poles with arms, height from 5 m to 12 m.

LE category structures – low energy absorption (slow the vehicle down);

- recommended for areas where the safety hazard for pedestrians or cyclists is reduced due to the speed limit of 50 km/h or less.