

Tehomet offers modern street and road lighting with its conical poles. The conical shape of poles ensures an ideal relationship between stress and appearance. The base chamfer eases the installation and centering of a pole into a pre-fabricated concrete foundation and transmits load evenly from steel to concrete. Seamless conical poles are visually flawless. Several variations are available by combining this simple, elegant pole shaft with different kinds of arms and brackets.

.1 CONICAL POLES



Turku, Finland

1.1 STRAIGHT CONICAL POLES

TECHNICAL DETAILS

Type	Height (m)	Base diameter (mm)	Spigot Ø (mm)	Hand hole distance (mm)	Hand Hole ID*	INSTALLATION OPTIONS		Max load
						Embedding (mm)	Flange	kg
A203SK	3	108	60	500	A1	500	L1	20
A204SK	4	114			A2		L1	
A205SK	5	125			A3		L1	
A106SK	6	138			A3		L1	
B108SK	8	163		950	A4	600	L2	
B110SK	10	188			A4		L3	
B112SK	12	211			A5		L3	

*see p.148 Space for coupling

1.1 CONICAL POLES WITH UPRIGHT ARM

TECHNICAL DETAILS

Type	Height (m)	Base diameter (mm)	Spigot Ø (mm)	Hand hole distance (mm)	Hand Hole ID*	INSTALLATION OPTIONS		Max load
						Embedding (mm)	Flange	kg
S100B108K	8	145	60	950	B3	600	L2	15
S100B110K	10	168			B4	600	L2	15
S200B210K	10	185			B4	600	L3	30
S200B112K	12	208			B5	600	L3	30
S200C212K	12	222			B5	600	L4	30
S200C312K	12	222			B5	600	L4	30
S200C215K	15	263			B6	1000	L5	30
S200C315K	15	263			B6	1000	L5	30

*see p.148 Space for coupling



Conical pole



Conical pole with upright arm



Heinola, Finland



Orivesi, Finland

1.1 CONICAL POLES WITH SINGLE ARM

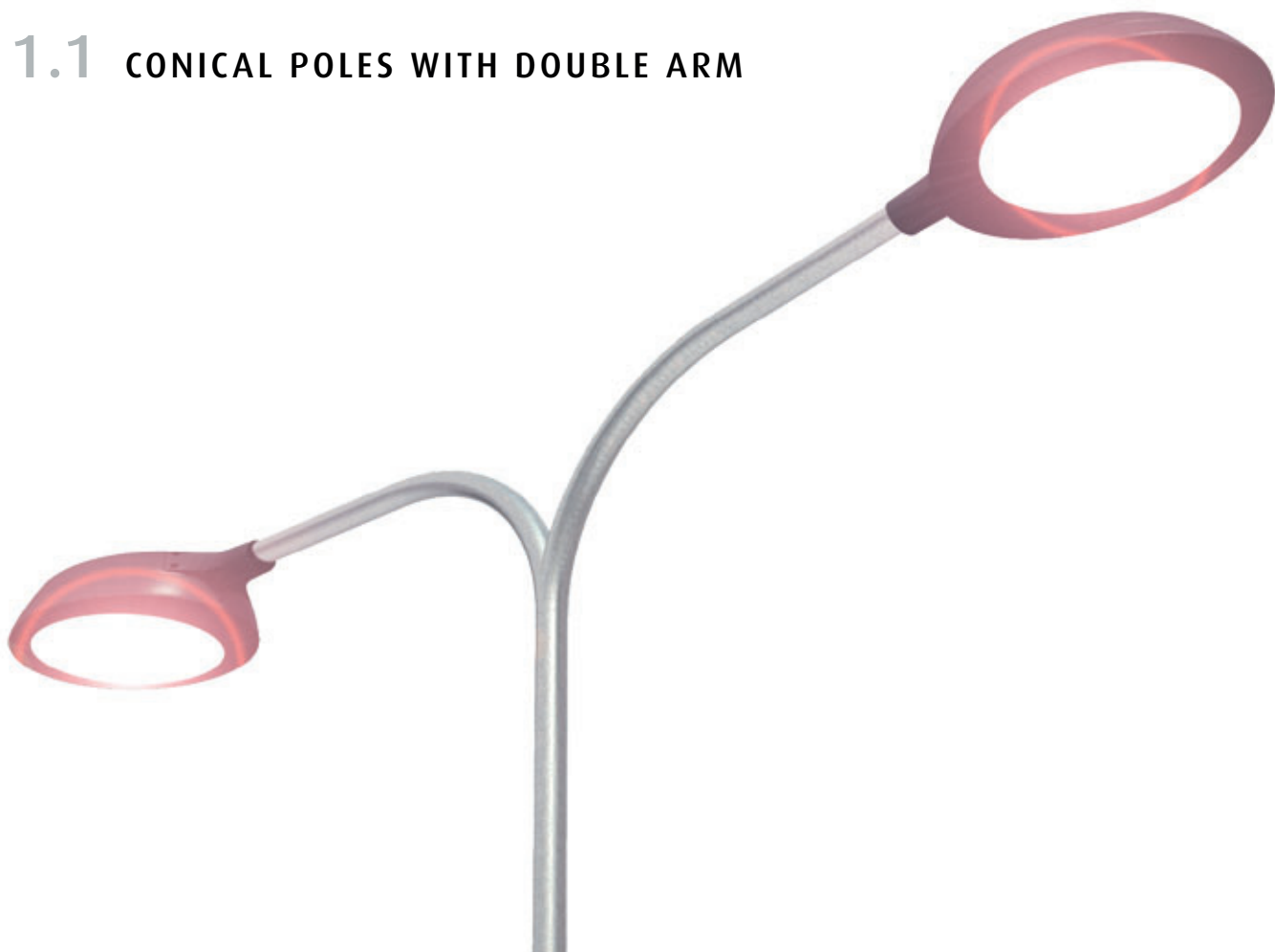


TECHNICAL DETAILS

Type	Height (m)	Base diameter (mm)	Arm reach (mm)	Spigot Ø (mm)	Hand hole distance (mm)	Hand Hole ID*	INSTALLATION OPTIONS		Max load
							Embedding (mm)	Flange	kg
P110B108K	8	145	1000	60		B3		L2	15
P125B108K	8	145	2500	60		B3		L2	15
P210B208K	8	161	1000	76		B4		L2	30
P110B110K	10	168	1000	60		B4		L2	15
P125B110K	10	168	2500	60		B4		L2	15
P210B210K	10	185	1000	76	950	B4	600	L3	30
P225B210K	10	185	2500	76		B4		L3	30
P210B112K	12	208	1000	76		B5		L3	30
P225B112K	12	208	2500	76		B5		L3	30
P225C212K	12	222	2500	89		B5		L4	30
P140C212K	12	222	4000	89		B5		L4	15
P225C215K	15	263	2500	89		B6	1000	L5	30

*see p.148 Space for coupling

1.1 CONICAL POLES WITH DOUBLE ARM



TECHNICAL DETAILS

Type	Height (m)	Base diameter (mm)	Arm reach (mm)	Spigot Ø (mm)	Hand hole distance (mm)	Hand Hole ID*	INSTALLATION OPTIONS		Max load	
							Embedding (mm)	Flange	kg	
T110B108K	8	145	1000	60	950	B3	600	L2	15	
T210B208K	8	161	1000			B4		L2	30	
T110B110K	10	168	1000			B4		L2	15	
T210B210K	10	185	1000			B4		L3	30	
T225B210K	10	185	2500			B4		L3	15	
T325B310K	10	198	2500			B5		L3	30	
T210B112K	12	208	1000			B5		L4	30	
T310B212K	12	222	1000			B5		L4	30	
T325B212K	12	222	2500			B5		L4	15	
T225C312K	12	222	2500			B5		L4	30	
T140C312K	12	222	4000			B5		L4	15	
T225C215K	15	263	2500			B6		L5	15	
T225C315K	15	263	2500			B6		1000	L5	30
T140C315K	15	263	4000			B6		L5	15	

*see p.148 Space for coupling



*Emäkoski,
Finland*





Levi, Finland



Kotka, Finland

1.1 TECHNICAL DETAILS

Product sizing: standard EN 40-3-3

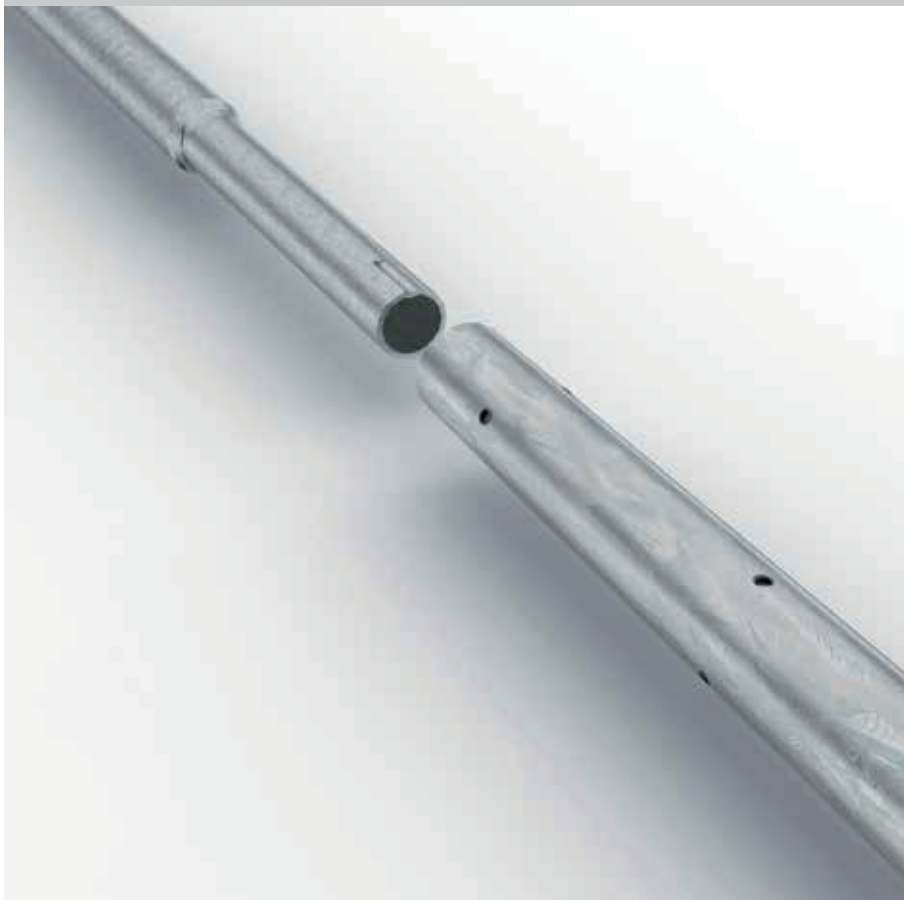
Product manufacturing: standard EN 40-5

Raw material: low-silicon steel ($\text{Si} + \text{P} \leq 0.04\%$)

Zinc coating: international standard EN ISO 1461 (layer thickness typically $<90 \mu\text{m}$)

Spigot: diameter 60 mm and length 100 mm

Attachment of the arm: There are two sets of screws with 3 x 120° division at the top of the pole (not in straight conical poles) to attach the arm easily and securely.





Inari, Saariselkä, Finland