Ameron Steel Small Cell Quick Select Guide

Luminaire arm length (E) Complete the below with your requirements and submit to Ameron@arcosa.com top **Project name** –5 in. min options Project location Contact name Contact number Contact email **Shipping information** Address Shaft City, State, Zip lenath (A) ½ in. - 13NC (2) hex nuts and Hand hole cover ½ in. - 13 NC tap 4 in. x tap in angle (2) flat washers in hand hole rim locking clamp 6½ in. for grounding required per bolt (16 GA x 1 in. wide) for arounding hand hole rim and cover 2-piece Pole removable shaft base cover ASTM F1554 (ref) 4 in GR 55 anchor (optional) bolts thread Thk Hand hole NC x 6 in. LG (T) rim (1/4 in. (SQ) Square PL x 2 in.) Length Slot size For dimensions 6½ in. Lower Raintight equals (dia x length x handhole Dia hand hole anchor hook), see 'anchor (standard) cover bolt dia bolt size' in pole Bolt data table typical plus ¼ in. circle /_¼ in. -20NC x 1½ in. LG (4) required (BC) allen head cap screw

Pole options

Baseplate details

✓	Pole	Shaft	Shaft dimensions top	Base sq.	Base b.c	Base thk.	Anchor bolt or
		length (A)	OD x base OD x thk.	(SQ)	(B.C.)	(T)	rod dimensions*
	Ant - 21X	21 ft - 6 in.	4¼ in. x 7¾6 in. x .179 in.	11½ in.	11½ in.	1 in.	1 in. x 36 in. x 4 in.
	Ant - 26X	26 ft - 6 in.	4¼ in. x 7½ in. x .179 in.	11½ in.	11½ in.	1 in.	1 in. x 36 in. x 4 in.
	Ant - 31X	31 ft	4¼ in. x 8½ in. x .179 in.	11½ in.	11½ in.	1 in.	1 in. x 36 in. x 4 in.

Standard anchor bolt

Pole designed to mount up to 10.0 SQ. FT. EPA 350LB total equipment in a 130MPH zone as dictated by AASHTO LRFD 2015 or ASCE 7-16. *Default anchor bolt shown: foundation design is by others. Specific foundation designs may require alternative bolt requirements.

Luminaire arm options

✓	Arm length (E)	End OD x base OD x thickness	Rise
	4 ft	2 in. schedule 40	0 ft - 9 in.
	6 ft	2 in. schedule 40	1 ft - 6 in.
	8 ft	2 in. schedule 40	1 ft - 6 in.
	No arm		

Pole top options (pick one)

Shaft top option A	Shaft top option B
(4) 1% in. dia holes equally spaced on a 9% in. bolt circle for securing antenna mount PL ½ in. x 11½ in. dia	Open top

Hand hole options

Pole



Number needed

Elevation(s)
of hand
holes

needed)

Quantity of pole combination needed

Submit

Standard hand hole

Finish options

Finish requiredBare galvanized

RAL 6005 (dark green)

RAL 7035 (light grey)
RAL 8019 (dark bronze)

RAL 9005 (black)