

# Small Cell Solutions Guide



Ameron | 



# The Ameron advantage

## Differentiated value

Ameron™ small cell products support the future of connectivity. Backed with 100 years of industry know-how and standing tall coast-to-coast, our poles and technical expertise allow you to efficiently implement small cell and smart resources. We are your trusted partner to bridge the municipal, engineering, and aesthetic complexities of 5G.

## Design innovation

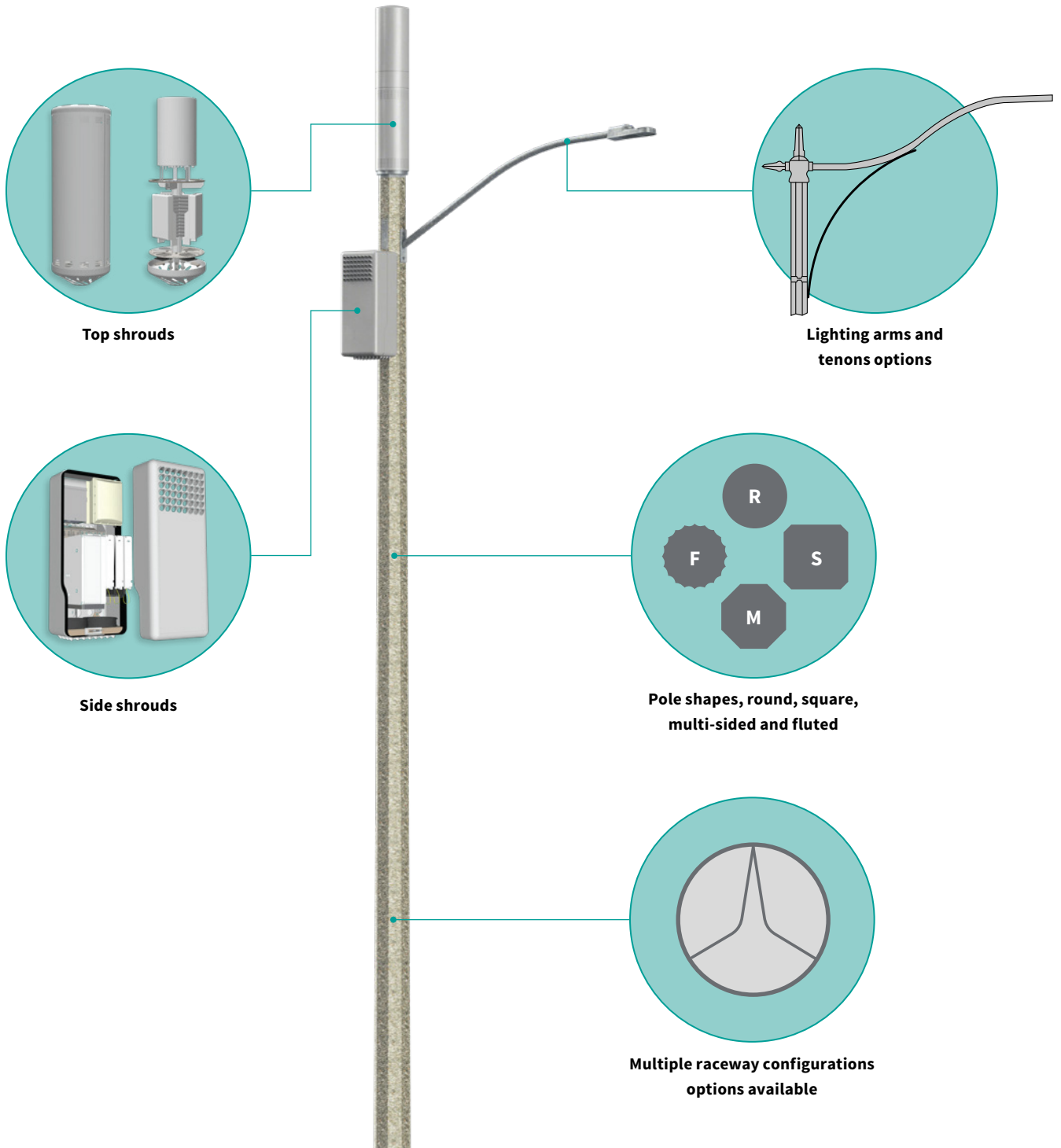
From single carrier to multi-carrier or multi-tenant, our poles are the optimal solution for your project. With standard configurations and custom-designed solutions available in both concrete and steel, our team of engineers is municipal specifications savvy. Perfectly suited for any current or future combination of commercial wireless, IoT, MEC, smart city, and private LTE, the flexibility of our solution suite evolves alongside the technology it supports.

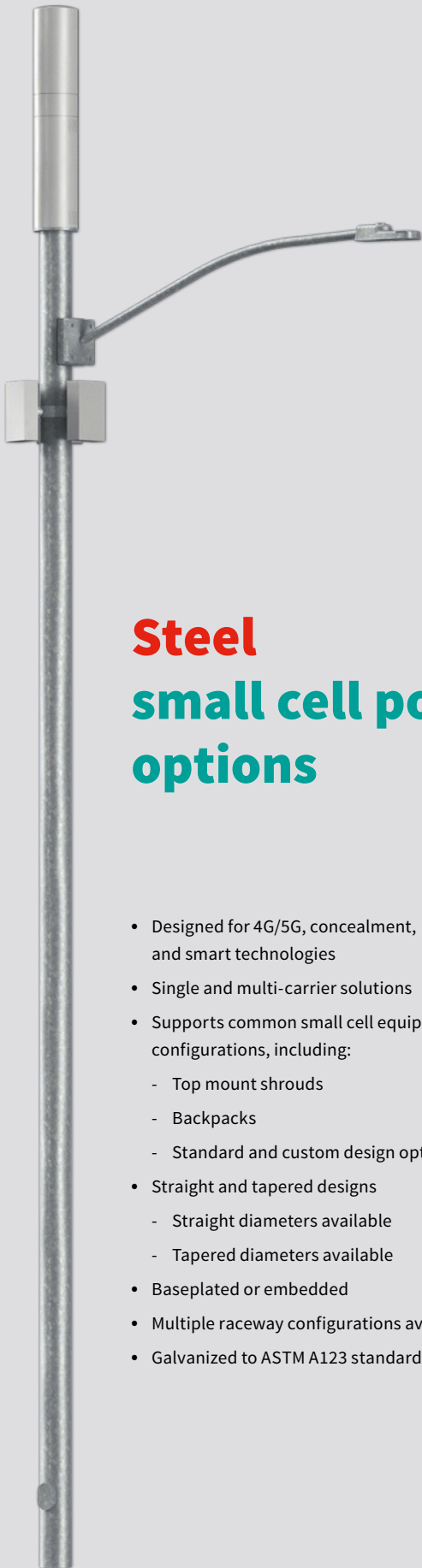
## Our commitment

We invest in your success. The Ameron dedicated account management team offers continuous support. Our sales, engineering, and customer care teams provide industry-leading account services, facilitated through open communication and attentiveness to your team's unique needs. We are focused on growing your future smart infrastructure initiatives through trust, partnership, and technical collaboration.

# Understanding the small cell pole

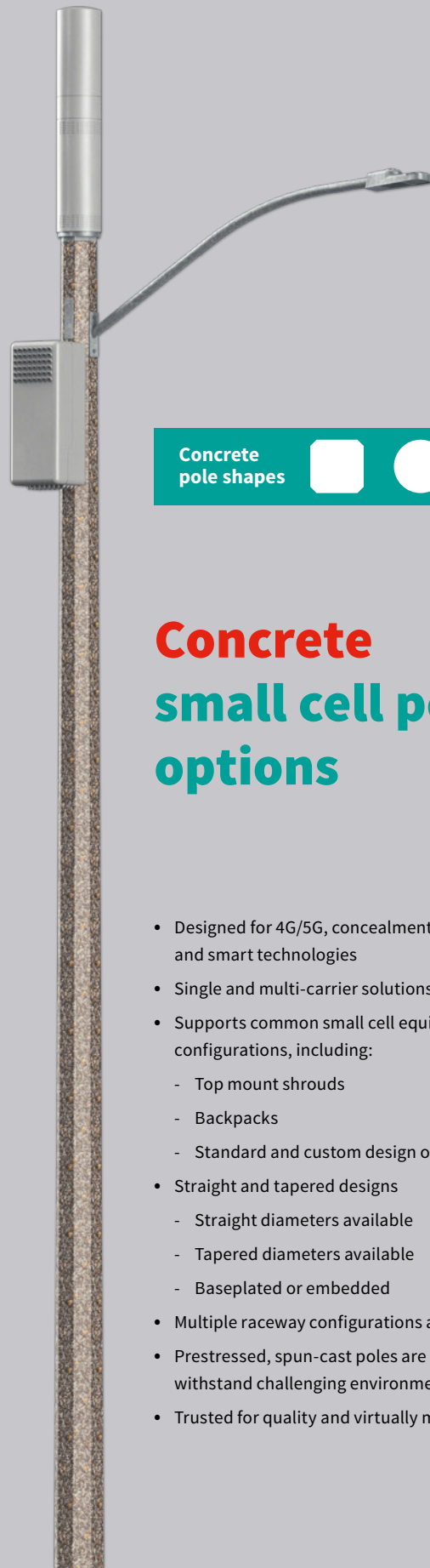
We're here to help you select the small cell poles that best meet your design and functionality needs. Our product suite includes standard and custom designs. With both steel and concrete options in tapered and straight designs, we can match like-for-like in most communities. We support common radio types such as top mount shrouds and backpack. Single and multi-carrier solutions available.





## Steel small cell pole options

- Designed for 4G/5G, concealment, and smart technologies
- Single and multi-carrier solutions
- Supports common small cell equipment configurations, including:
  - Top mount shrouds
  - Backpacks
  - Standard and custom design options
- Straight and tapered designs
  - Straight diameters available
  - Tapered diameters available
- Baseplated or embedded
- Multiple raceway configurations available
- Galvanized to ASTM A123 standards



Concrete  
pole shapes

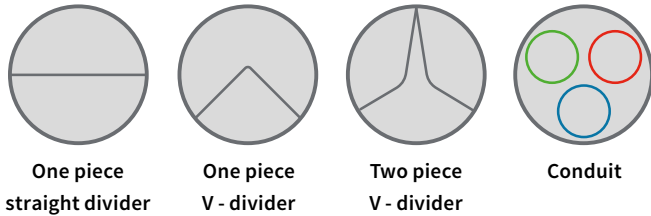


## Concrete small cell pole options

- Designed for 4G/5G, concealment, and smart technologies
- Single and multi-carrier solutions
- Supports common small cell equipment configurations, including:
  - Top mount shrouds
  - Backpacks
  - Standard and custom design options
- Straight and tapered designs
  - Straight diameters available
  - Tapered diameters available
- Baseplated or embedded
- Multiple raceway configurations available
- Prestressed, spun-cast poles are durable to withstand challenging environments
- Trusted for quality and virtually maintenance free

# Raceway configurations

Several standard cable management options are shown below. We can customize to your specific requirements.



**One piece straight divider**

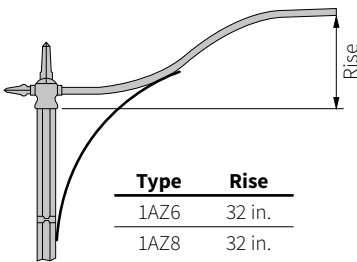
**One piece V-divider**

**Two piece V-divider**

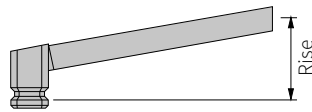
**Conduit**

# Lighting arms and tenons

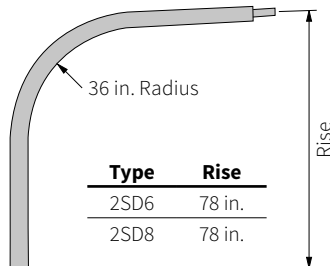
We have a wide variety of standard lighting arms and tenons available. Our ability to match like-for-like aesthetics makes it easy for you to select your ideal lighting solution. A representative sample of what we can provide is included below. Please reference our Arms and Tenons Brochure for full suite of options.



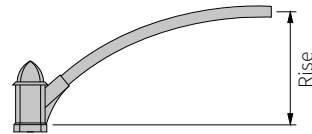
Type	Rise
1AZ6	32 in.
1AZ8	32 in.



Type	Rise
5AZ3	14 in.
5AZ5	18 in.
5AZ8	24 in.



Type	Rise
2SD6	78 in.
2SD8	78 in.



Type	Rise
5AP4	24 in.
5AP6	32 in.

# Colors and finishes

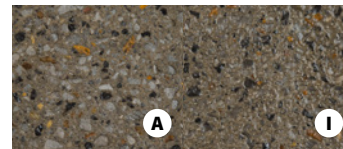
## Steel options

- Galvanized to ASTM A123 standards
- Pole color can be matched to meet municipal aesthetic requirements; available in a wide range of standard, faux finish, and custom colors
- Powder or wet coat application available
- Amerlock primer and Amershield™ topcoat premium graffiti-resistant coating available to enhance the color, protect the surface, and increase the durability of your product

## Concrete options

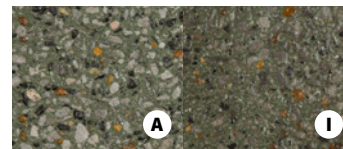
Standard, pre-formulated, and custom aggregate colors are available. We offer Amershield, a premium graffiti-resistant coating, plus an assortment of durable sealers and protectants that further enhance colors, protect the concrete surface, and aid in the removal of graffiti. Please contact your Ameron representative for a list of additional pre-formulated colors and finishes currently available.

## Standard Colors



**A** = Architectural Gloss  
**I** = Amershield

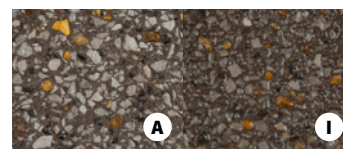
**113** Gray, Natural, Exposed



**413** Green, Natural, Exposed



**6P3** Black, Pebblestone, Exposed

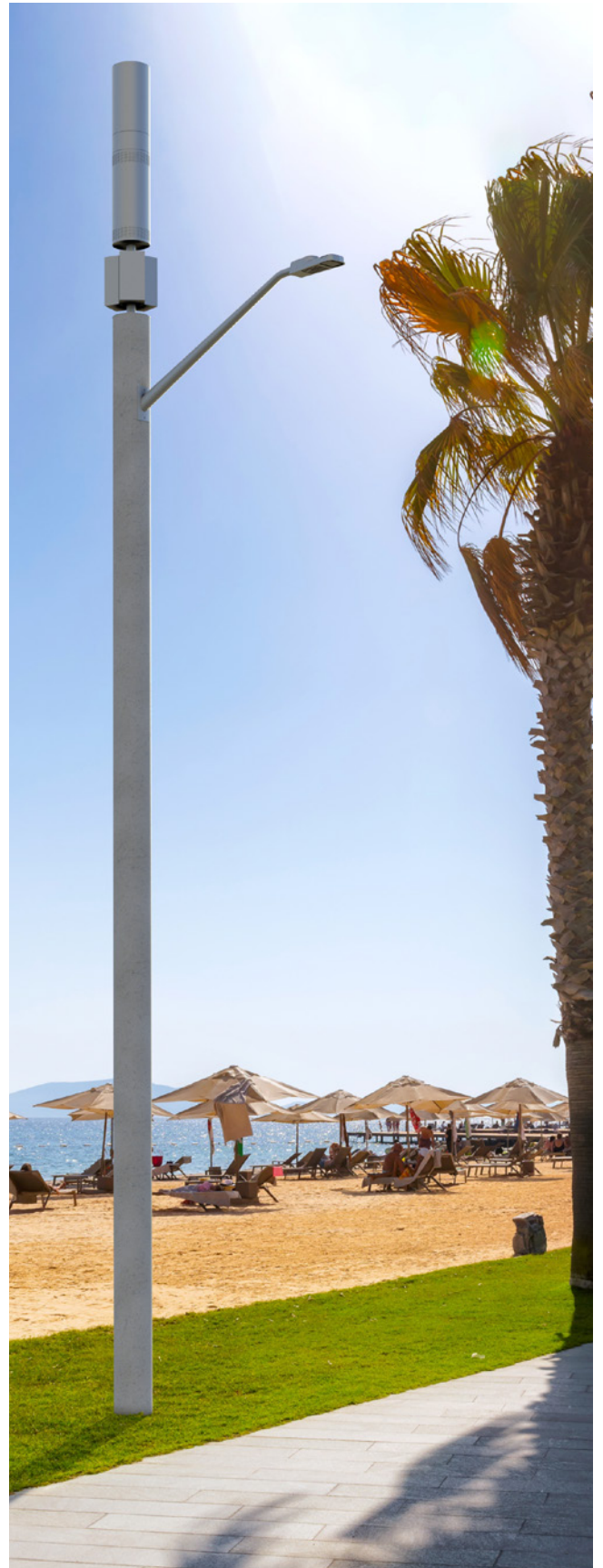


**BZ3** Bronze, Natural, Exposed

# Product specifications

		<b>Tapered</b>	<b>Baseplated or embedded</b>	<b>Decorative base available</b>	<b>Max height</b>
<b>Round Steel</b>	<b>Tapered Steel</b>	Yes	Both	Custom order	50 ft*
	<b>Straight Steel</b>	No	Both	Custom order	50 ft*
<b>Round Concrete</b>	<b>BP300/EP300</b>	No	Both	No	32 ft-10 in.
	<b>JBR/JER</b>	Yes	Both	No	52 ft-6 in.
	<b>LBBX</b>	Yes	Baseplated	Yes	44 ft-11 in.
	<b>LBR/LER</b>	Yes	Both	No	49 ft-2 in.
	<b>MBBX</b>	Yes	Baseplated	Yes	29 ft-6 in.
	<b>VBZRNT/VEZRNT</b>	No	Both	Yes	14 ft-6 in.
<b>Octagonal Concrete</b>	<b>BPO300/EPO300</b>	No	Both	No	32 ft-10 in.
	<b>CBO/CEO</b>	Yes	Both	No	37 ft-0 in.
	<b>CBO4</b>	Yes	Baseplated	Yes	28 ft-7 in.
	<b>CBO5</b>	Yes	Baseplated	Yes	31 ft-2 in.
	<b>CBO6</b>	Yes	Baseplated	Yes	31 ft-3 in.
	<b>GBO/GEO</b>	Yes	Both	No	52 ft-6 in.
	<b>VBD/VED</b>	Yes	Both	Yes	29 ft-6 in.
<b>Square Concrete</b>	<b>BPQ250/EPQ250</b>	No	Both	No	39 ft-4 in.
	<b>GBQ/GEQ</b>	Yes	Both	No	52 ft-6 in.

\*Taller poles can be customized using an additional tube. Contact your sales representative for more information.



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