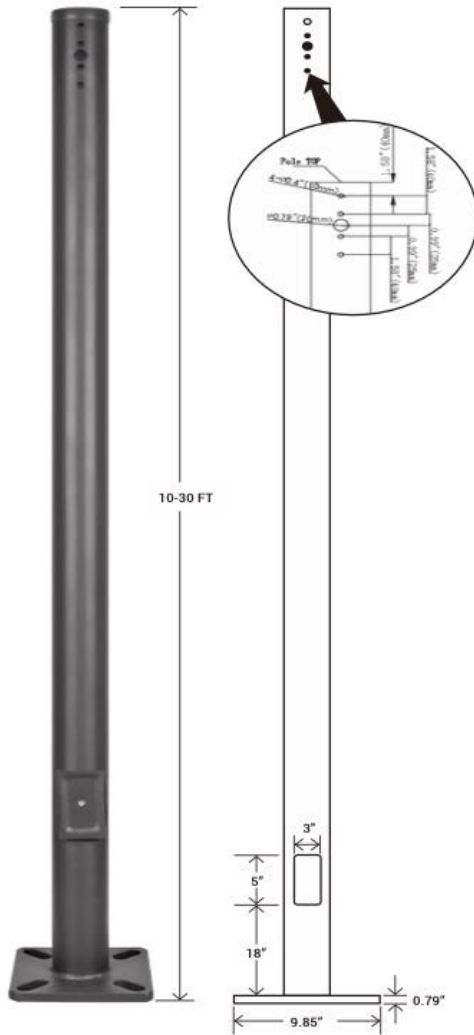


Straight Round aluminum poles, 4" & 5"



Straight Round Steel poles are built from high strength steel tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

FEATURES

FINISH:

Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.

ANCHOR BOLTS:

Anchor bolts are not included, sized based on pole data charts for the selected pole size.

HAND HOLE:

Cast iron reinforced hand hole and cover with ground screw.

BASE COVER:

Poles are provided with a two-piece formed steel base cover that is easily assembled and fitted over pole base.

SURFACE TREATMENT:Hot-dip galvanizing.

POLE LENGTH:

Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

SPECIFICATIONS: Conforms to ASTM-A 500 Grade B; Minimum Yield Strength of 46,000 PSI.

Specifications					
Specification Type	10FT	15FT	20FT	25FT	30FT
R10FT3-11G-D	L=3.0 (m)	L=4.6 (m)	L=6.1 (m)	L=7.6 (m)	L=9.1 (m)
R15FT4-11G-D					
R20FT4-11G-D					
R25FT4-11G-D					
R30FT5-11G-D					

MOUNTING OPTIONS



SIDE MOUNT: Standard length poles are predrilled (2@180°), with a polycarbonate top cover and hole plugs for unused predrilled locations.

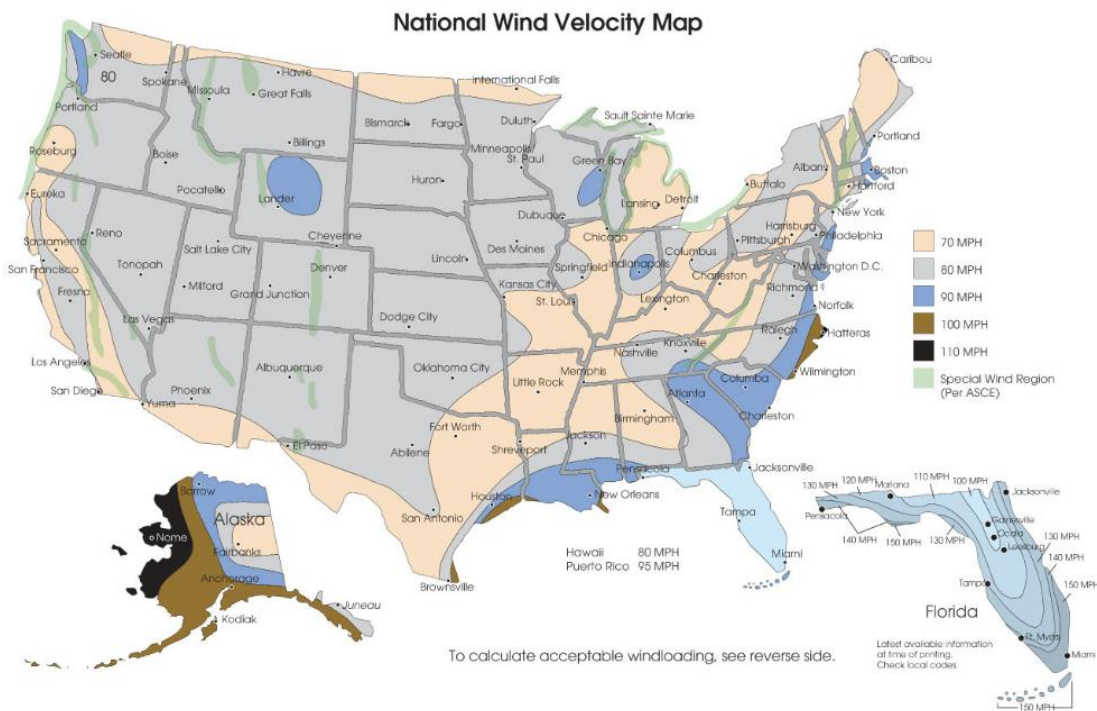
Note: When using Arm or Slip-Fitter Mounts, additional installation parts may be required to ensure proper installation. (example: Round Bar Adapter with Arm Mount or Horizontal Tenon Arc Adapter with Slip-Fitter Mount) *see: additional installation parts for more options*

TOP MOUNT: Round Pole Tenon Adapters (optional) can be installed for a use with a Slip-Fitter or Multi-Fixture installation requiring Bullhorns, Spokes etc. (3"RND, 4"RND and 5"RND to 2 3/8" Round Tenon Adapters available)

Specifications					
Specification Type	10FT	15FT	20FT	25FT	30FT
RAL10FT4-125-D	L=3.0 (m)	L=4.6 (m)	L=6.1 (m)	L=7.6 (m)	L=9.1 (m)
RAL15FT4-125-D					
RAL20FT4-125-D					
RAL25FT5-255-D					
RAL30FT6-255-D					

Dimension data:

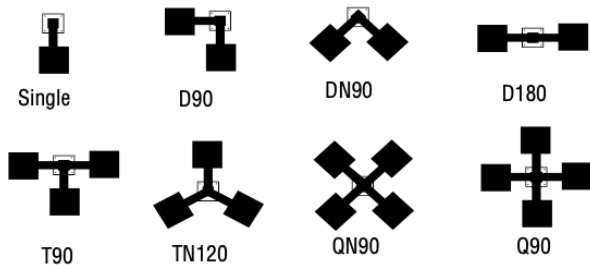
Model Number	Mt.height	Wall thickness	Shaft size	Bolt size	Pole Weight	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
RAL10FT4-125-D	10 FT	0.125 in.	4X4 in.	M0.75"X19.69"X3.94"	35 lbs	14.5	12.3	9.9	8.3	7.8
RAL15FT4-125-D	15FT	0.125 in.	4X4 in.		37 lbs	8.3	6.1	5.4	4.8	3.9
RAL20FT4-125-D	20FT	0.125 in.	4X4 in.		72 lbs	4.2	3.6	2.5	1.9	1.3
RAL25FT5-255-D	25FT	0.255 in.	5X5 in.		136 lbs	9.3	7.2	6.2	5.2	4.6
RAL30FT6-255-D	30FT	0.255 in.	6X6 in.	M0.75"X36"X4"	189 lbs	11.1	8.0	6.7	4.7	3.4



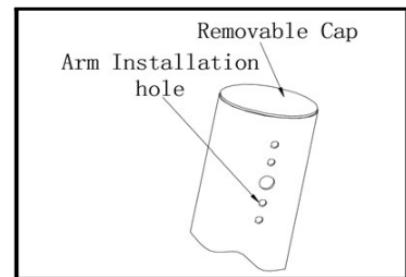
ORDERING EXAMPLE: RAL10FT4-125-D

RAL	10FT	4	125	D
Product	Height	Size	Wall Thickness	Finish
Round aluminum pole	10FT (3.0M) 15FT (4.6M) 20FT (6.1M) 25FT (7.6M) 30FT (9.1M)	4 (4inch) 5 (5inch) 6 (6inch)	125 (0.125inch) 255 (0.255inch)	D Dark Bronze

Fixture Configurations:



Light pole top:



SQUARE EXTERNAL MOUNT HORIZONTAL TENON · To mount 2/3/4 fixtures on an existing pole

	<p>VTS4R-3T-D Low Profile Bullhorn with 3</p> <p>MAX EPA: 1.6 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>VTS4R-2T-D Low Profile Bullhorn with 2 Tenons</p> <p>MAX EPA: 1.0 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>
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	<p>QT120-3T-D Triple 120° Horizontal Tenon Adaptor MAX EPA: 1.4 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>QT90-4T-D Quad 90° Horizontal Tenon Adaptor MAX EPA: 1.6 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>
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WALL BRACKET

- **Attaches to any flat surface**
- **Provides wiring access**

MID-POLE TENON BRACKET

	<p>ADP2.5-90-D 90° Wall Mount Bracket with 2-3/8" O.D. Tenon</p> <p>Finish: Dark Bronze MAX EPA: 0.6</p> <p>USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		
	<p>ADP2.5-D</p> <p>2-3/8" OD Horizontal Tenon Mid-Pole Bracket</p> <p>MAX EPA: 0.3 Finish: Dark Bronze 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>		<p>ADP2.5-180L3.9-D</p> <p>180° Wall Mount Bracket with 2-3/8" O.D. Tenon</p> <p>MAX EPA: 0.5 Finish: Dark Bronze The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting.</p>
	<p>ADP2.5-BAR5-D 2-3/8" OD Horizontal Tenon Arc Adaptor</p> <p>Finish: Dark Bronze MAX EPA: 0.3</p> <p>USE: For use with Round, non-tapered steel and aluminium poles. 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>		

<p>POLE BRACKET • For mounting one fixture on an existing pole</p>	<p>VTS4-D 4" Square Pole Mount with 2-3/8" O.D. O.D. MAX EPA: 0.3 Finish: Dark Bronze For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D. and is made of steel tubing.</p>		<p>VTS5-D 5" Square Mount with 2-3/8" O.D. O.D. MAX EPA: 0.3 Finish: Dark Bronze For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing.</p>
	<p>VT3-D 3" Round Pole Mount with 2-3/8" O.D. Tenon O.D. Tenon MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D.</p>		<p>VT4-D 4" Round Pole Mount with 2-3/8" O.D. Tenon Tenon MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D.</p>
	<p>VT5-D 5" Round Pole Mount with 2-3/8" O.D. Tenon O.D. Tenon MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing.</p>		<p>VTR5-D 5" Round Pole Mount with 3" O.D. Tenon Tenon Finish: Dark Bronze MAX EPA: 0.3 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with two 3/8" hex head stainless-steel bolts. Vertical tenon measures 3" O.D., and is made of steel tubing. Insert round pole adaptor 5inch to 3inch tenon.</p>
<p>TADP2.5-1/2-D 1/2" Round Pole Mount with 2-3/8" O.D. Tenon Finish: Dark Bronze MAX EPA: 0.3 USE: For use with Round, non-tapered steel and aluminium poles. Vertical tenon measures 2-3/8" O.D., and is made of aluminium tubing.</p>			

	<p>SB2.5TR120V-D</p> <p>Triple 120° Horizontal Tenon Adaptor</p> <p>MAX EPA: 1.5 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p>ADP2.5-180H-D</p> <p>Double 180° Wall Mount Bracket with 2-3/8" O.D. Tenon</p> <p>MAX EPA: 1.4 Finish: Dark Bronze The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>
	<p>QT90-3T-D</p> <p>Square Triple 90° Horizontal Tenon Adapter</p> <p>MAX EPA: 1.5 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>SB2.5QD90-3T-D</p> <p>Round Triple 90° Horizontal Tenon Adapter</p> <p>MAX EPA: 0.3 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Triple fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>

MOUNTING OPTIONS:

	<p>NEWSBARM2-D</p> <p>Finish: Dark Bronze Arm Mount 4" and 5" Square and Round poles. Standard versatile mounting arm is simple to install and can be used with existing poles for retro installations.</p>		<p>NEWSBSF2-D</p> <p>Finish: Dark Bronze Slipfitter Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm.</p>
	<p>SBT-D</p> <p>Finish: Dark Bronze Easy to install for direct wall mounting with 1/2" conduit wiring.</p>		<p>SFARM2-D</p> <p>Finish: Dark Bronze SFARM2 Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm.</p>

	<p>BMS-S Base Mounting Screw</p> <p>Finish: Silver Before installing the lamp pole, the installation hook should be buried underground and fixed by cement. After fixing, the lamp pole should be fixed by locking screw and base installed.</p>		<p>SPP235 Screw Positioning Plate</p> <p>This is a screw rod positioning plate. After the screw rod of the lamp rod base is fixed underground, the positioning plate is fixed with the screw rod to prevent the screw rod from deviation. Finally, the lamp rod is locked.</p>
	<p>IBR4-D Install Base Shield</p> <p>Finish: Dark Bronze The 4" Installation of base shield is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.</p>		<p>IBR5-D Install Base Shield</p> <p>Finish: Dark Bronze The 5" Installation of base shield is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.</p>
	<p>ARM-BAR-D Arm Square tube turn tube Tenon Adaptor</p> <p>Finish: Dark Bronze USE: square tube light bar installation, with Arm installation of lamps.</p>		<p>SADP-BAR-D Arm Square tube turn tube Tenon Adaptor</p> <p>Finish: Dark Bronze USE: square tube light bar installation, with Arm installation of lamps.</p>

Installation:

1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)

ANCHORAGE GUIDE

3"X5" HAND HOLE COVER

Flange base cover

Nut

BASE PLATE

3.15" BOLT PROJECTION

Base cover (4PCS)

CONCRETE

2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification

Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	39.37"(1000mm)