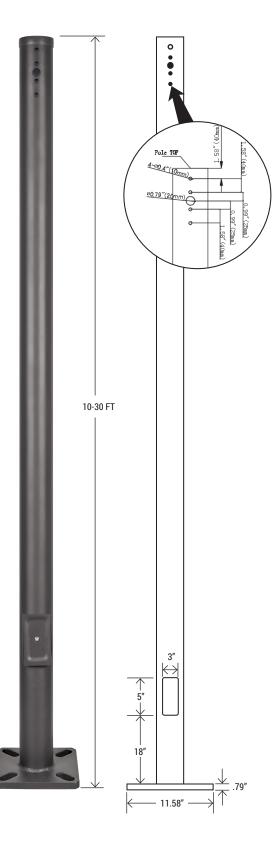
LAPAINDUSTRIES-

STRAIGHT ROUND STEEL POLES



The Lapa Industries 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 applications.

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.

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.

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

MOUNTING OPTIONS



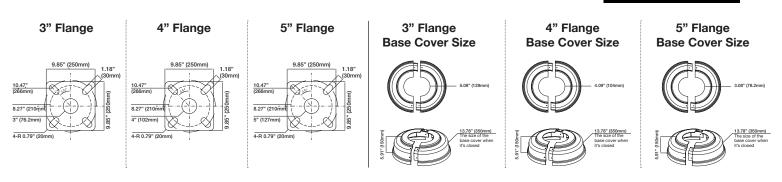
SIDE MOUNT: Standard length poles are predrilled (2@180°), with a polycarbonate top cover and hole plugs for unused predrilled locations.

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)

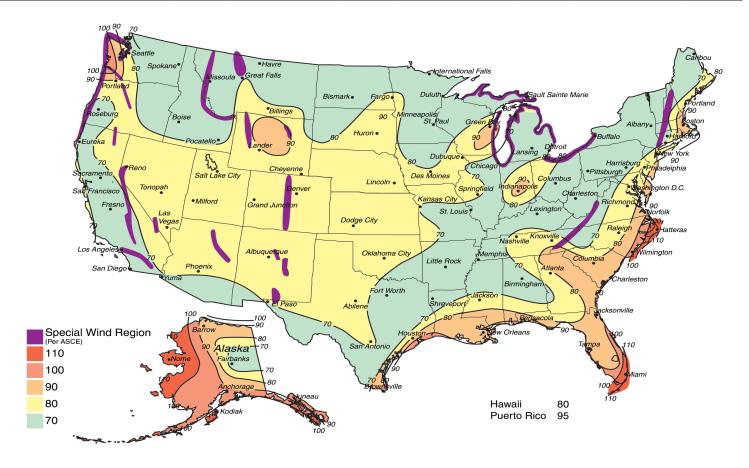
DIMENSION

STRAIGHT ROUND STEEL POLES



DIMENSION DATA

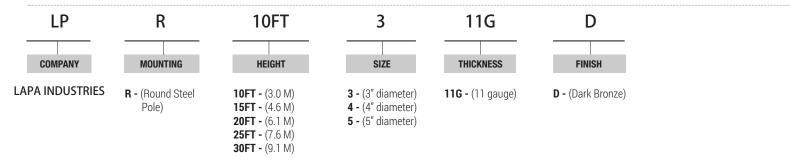
CATALOG	HEIGHT	GAUGE	SIZE	BOLT Size	WEIGHT (LBS)	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
LP-R10FT3-11G-D	10ft	11	3" dia.	M0.75"X 19.69"X 3.94"	46	28.2	23.5	20.1	11.4	13.3	11.6
LP-R15FT4-11G-D	15ft		4" dia.		90	18.2	15.5	13.1	11.5	9.9	7.4
LP-R20FT4-11G-D	20ft				117	12.2	10.3	9	7.2	6	4.6
LP-R25FT4-11G-D	25ft				139	11.9	8.9	7.7	6.1	5.6	4.2
LP-R30FT5-11G-D	30ft		5" dia.		180	9.2	7.4	6.1	5.8	4.8	3.2



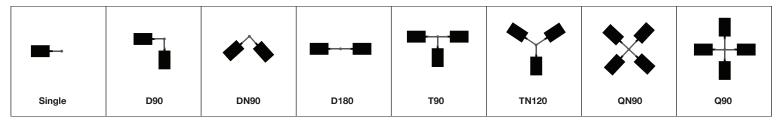
3"/4"/5"

ORDERING INFORMATION

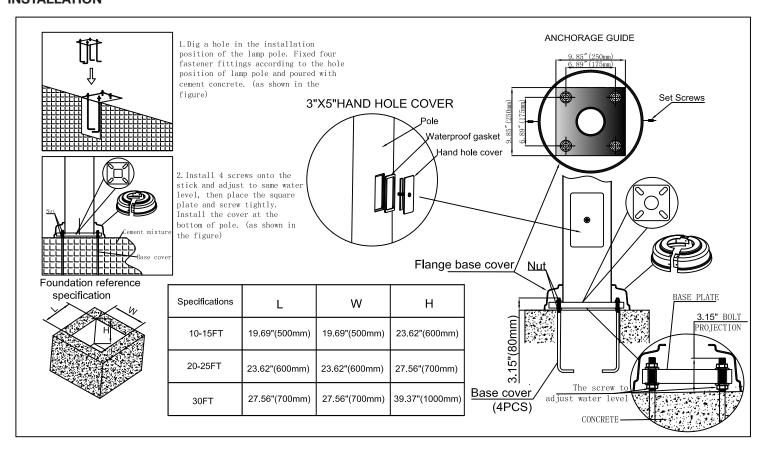
EXAMPLE: LP-R10FT3-11G-D



FIXTURE CONFIGURATIONS



INSTALLATION



LAPAINDUSTRIES

SQUARE EXTERNAL MOUNT HORIZONTAL TENON Low Pro ile Bullhorn with 3 Tenons

• To mount 2/3/4 fixtures on an existing pole



LP-VTS4R-3T-D MAX EPA: 1.6 Finish: Dark Bronze

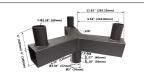
The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.



Low Pro ile Bullhorn with 2 Tenons

LP-VTS4R-2T-D MAX EPA: 1.0 Finish: Dark Bronze

The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.



Triple 120° Horizontal Tenon Adapter

LP-OT120-3T-D MAX FPA: 1.4 Finish: Dark Bronze

The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.



Quad 90° Horizontal Tenon Adapter

LP-OT90-4T-D MAX EPA: 1.6 Finish: Dark Bronze

The Bracket is designed to mount over 2-3/8" O.D. vertical tenon

WALL BRACKET

· Attaches to any flat surface · Provides wiring access

Ø2.36

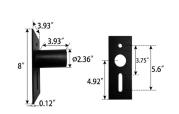
90° Wall Mount Bracket with 2-3/8" O.D. Tenon LP-ADP2.5-90-D

MAX EPA: 0.6

Finish: Dark Bronze

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.



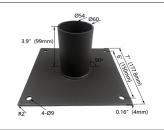


2-3/8" OD Horizontal Tenon Mid-Pole Bracket

LP-ADP2.5-D MAX FPA: 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.



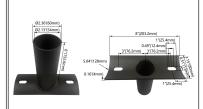
180° Wall Mount Bracket with 2-3/8" O.D. Tenon

LP-ADP2.5-180L3.9-D

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.



2-3/8" OD Horizontal Tenon Arc Adapter

LP-ADP2.5-BAR5-D MAX EPA: 0.3

Finish: Dark Bronze

For use with Round, non-tapered steel and aluminum 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.

POLE BRACKET

· For mounting one fixture on an existing pole



4" Square Pole Mount with 2-3/8" O.D. Tenon LP-VTS4-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.



3" Round Pole Mount with 2-3/8" O.D. Tenon

I P-VT3-D 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.



5" Square Pole Mount with 2-3/8" O.D. Tenon I P-VTS5-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.



4" Round Pole Mount with 2-3/8" O.D. Tenon I P-VT4-D

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.



5" Round Pole Mount with 2-3/8" O.D. Tenon LP-VT5-D

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



ø2.36

1/2" Round Pole Mount with 2-3/8" O.D. Tenon LP-TADP2.5-1/2-D

MAX EPA: 0.3

Finish: Dark Bronze

For use with Round, non-tapered steel and aluminum poles. Vertical tenon measures 2-3/8" O.D., and is made of aluminum tubing.

LAPAINDUSTRIES

ROUND EXTERNAL MOUNT HORIZONTAL TENON · To mount 2/3/4 fixtures on an existing pole Double 90° Horizontal Tenon Adapter Triple 120° Horizontal Tenon Adapter LP-SB2.5TW90-D LP-SB2.5TR120-D MAX EPA: 0.6 MAX EPA: 0.7 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round fixtures can be mounted to the Round External Mount Horizontal Tenon and ø2.667" External Mount Horizontal Tenon and adjusted horizontally. adjusted horizontally. ø2.36" Double 180° Horizontal Tenon Adapter Quad 90° Horizontal Tenon Adapter LP-SB2.5TW180-D LP-SB2.5QD90-D MAX EPA: 0.4 MAX EPA: 0.3 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round fixtures can be mounted to the Round External Mount Horizontal Tenon and External Mount Horizontal Tenon and adjusted horizontally. adjusted horizontally. Single Spoke Bracket Tenon Adapter Double 180° Horizontal Tenon Adapter LP-SB2.5S90-D LP-RB2.5D180-D 10.23" 10.23" MAX EPA: 0.4 MAX EPA: 0.9 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. One 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round fixtures can be mounted to the Round External Mount Horizontal Tenon and External Mount Horizontal Tenon and ø2.677 adjusted horizontally. adjusted horizontally. Triple 180° Horizontal Tenon Adapter Quad 90° Horizontal Tenon Adapter LP-RB2.5TR180-D LP-RB2.5QD90-D MAX EPA: 1.4 MAX EPA: 1.5 ø 2.36 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three Ø2.36 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round fixtures can be mounted to the Round ø 2.67 External Mount Horizontal Tenon and External Mount Horizontal Tenon and adjusted horizontally. adjusted horizontally. Double 180° Horizontal Tenon Adapter 90° Wall Mount Bracket with 2-3/8" O.D. Tenon LP-ADP2.5-90H-D LP-RB2.5TR180H-D MAX EPA: 0.7 MAX EPA: 1.0 Finish: Dark Bronze Finish: Dark Bronze The 90° wall mount bracket with 2-3/8" The Bracket is designed to mount over tenon attaches flood and area fixtures to 2-3/8" (60mm) O.D. vertical tenon. Two almost any surface: wall, roof, or wood fixtures can be mounted to the Round pole. Provides wiring access and abuilt-in External Mount Horizontal Tenon and 2-3/8" O.D. tenon to mount a fixture with adjusted horizontally. our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart. Double 180° Wall Mount Bracket with 2-3/8" Triple 120° Horizontal Tenon Adapter O.D. Tenon LP-SB2.5TR120V-D LP-ADP2.5-180H-D MAX EPA: 1.5 MAX EPA: 1.4 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The 180° wall mount bracket with 2-3/8" 2-3/8" (60mm) O.D. vertical tenon. Three tenon attaches flood and area fixtures to fixtures can be mounted to the Round almost any surface: wall, roof, or wood External Mount Horizontal Tenon and pole. Provides wiring access and abuilt-in adjusted horizontally. 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.

LAPAINDUSTRIES

MOUNTING OPTIONS: Finish: Dark Bronze Finish: Dark Bronze Arm Mount 4" and 5" Square and Round Slipfitter Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal poles. Standard versatile mounting arm is simple to install and can be used with existing poles for retro installations. steel tenon arm. Finish: Dark Bronze Finish: Dark Bronze Easy to install for direct wall mounting with SFARM2 Mount An optional cast aluminum 1/2" conduit wiring. mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm. 0.31" (8mm) **Install Base Shield Install Base Shield** Finish: Dark Bronze Finish: Dark Bronze The 4" Installation of base shield is used The 3" Installation of base shield is used to protect the base after fixing the lamp to protect the base after fixing the lamp pole, so that the lamp pole base is not pole, so that the lamp pole base is not damaged, thereby increasing the service damaged, thereby increasing the service life of the lamp pole. life of the lamp pole. **Install Base Shield Screw Positioning Plate** 9.25" (235mm) 6.89" (175mm) Finish: Dark Bronze This is a screw rod positioning plate. After the screw rod of the lamp rod base is fixed The 5" Installation of base shield is used underground, the positioning plate is fixed to protect the base after fixing the lamp with the screw rod to prevent the screw pole, so that the lamp pole base is not rod from deviation. Finally, the lamp rod damaged, thereby increasing the service life of the lamp pole. **Arm Square Tube Turn Tube Tenon Adapter Arm Square Tube Turn Tube Tenon Adapter** Finish: Dark Bronze Finish: Dark Bronze Round tube light bar installation, with Arm Round tube light bar installation, with Arm installation of lamps. installation of lamps. Ø0.7" Ø0.35 0.78" **Base Mounting Screw** Removable Cap **LIGHT POLE TOP** Arm Installation 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.