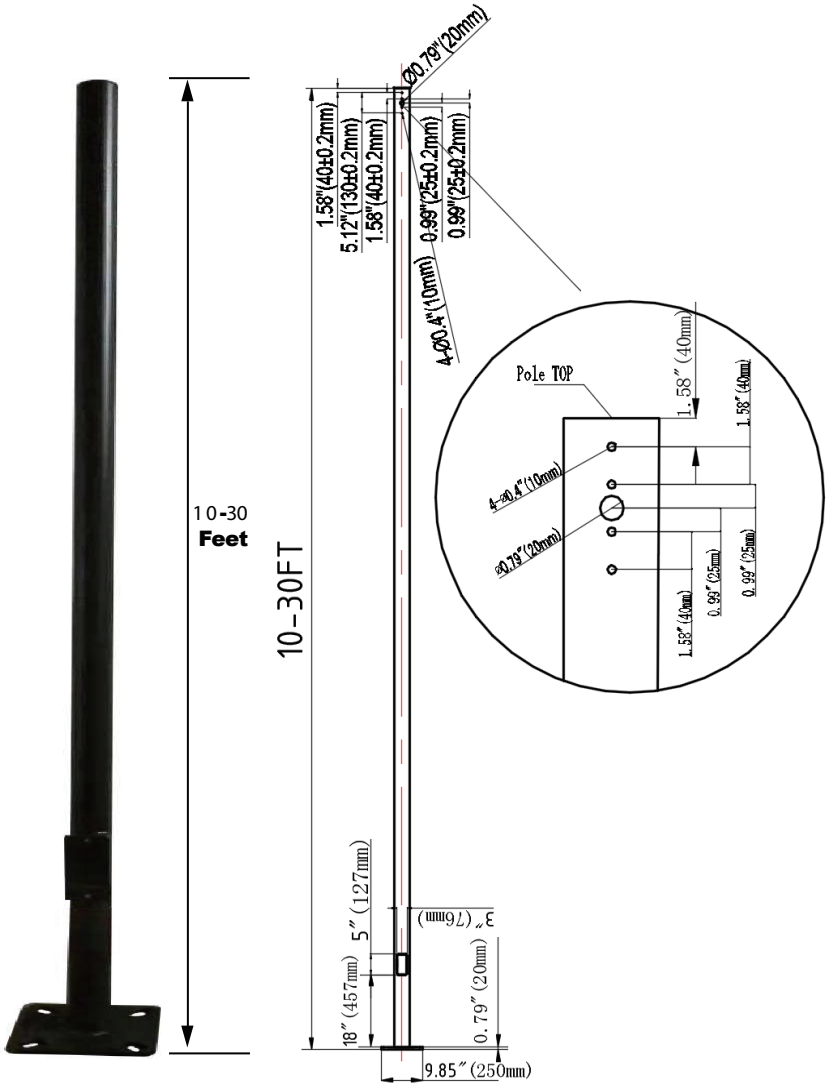
Straight Round Steel Poles - 3, 4, & 5” Diameters



The WLI W-Series family of round steel poles are built from high strength Steel Round 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.

Specifications and Features: Pole

(Accessories need to be purchased seperately)

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

Finish:
Textured Architectural Bronze Powdercoat 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.

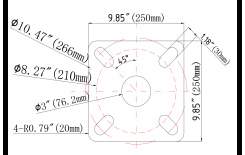
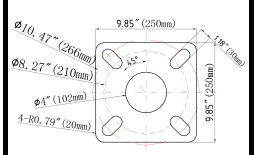
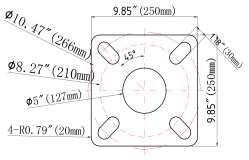
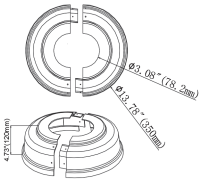
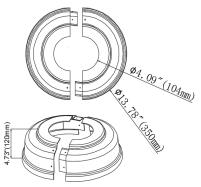
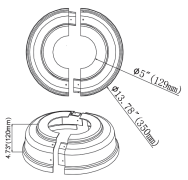
Base Cover:
Poles are Provided With a Two-Piece Formed Steel Base Cover that is Easily Assembled and Fitted Over Pole Base.

Pole Length:
Poles are Available in Standard Lengths as Shown in the Order Matrix. Poles can be Custom Cut to Order. Consult Factory.

Mounting Options:
Standard Length Poles Include 2⅜" OD Tenon, Side Drilled 2@180 Degrees, Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

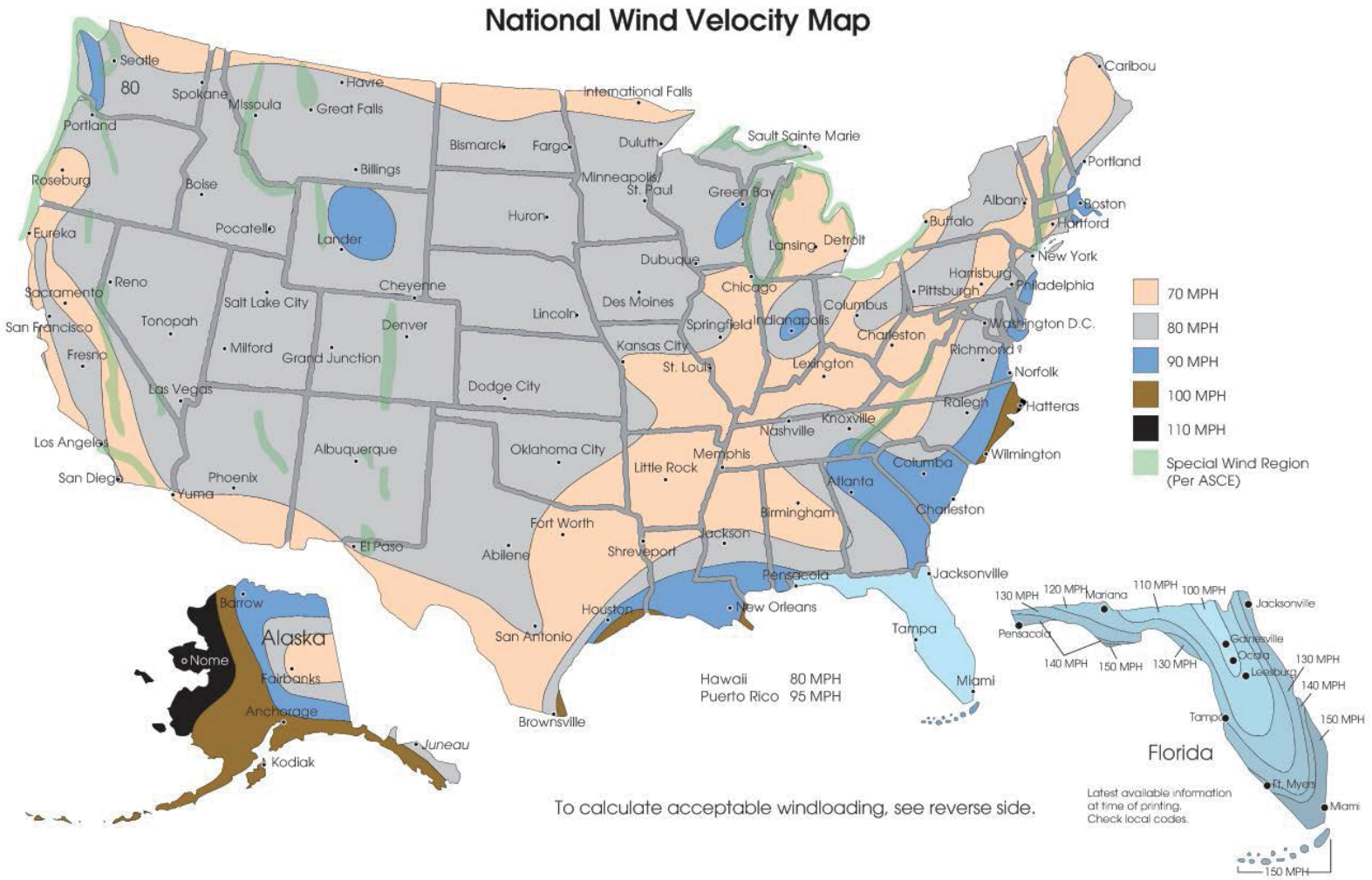
Cut To Order Poles can be Side Drilled for 2@180 Degrees , Includes Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

Cut To Order Poles May Also Be Ordered With 2⅜″ OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.

3 inch Flange dimensions	4 inch Flange dimensions	5 inch Flange dimensions	3 inch Flange base cover size	4 inch Flange base cover size	5 inch Flange base cover size
					

Specifications:

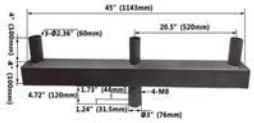
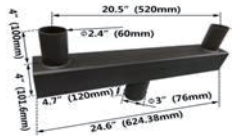
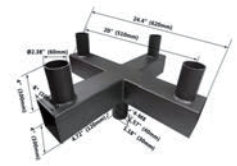
Specification type	10FT	15FT	20FT	25FT	30FT
WLI- R10FT3-11G-D	L= 3.0 (m)	L= 4.6 (m)	L= 6.1 (m)	L= 7.6 (m)	L= 9.1 (m)
WLI- R15FT4-11G-D					
WLI- R20FT4-11G-D					
WLI- R25FT4-11G-D					
WLI- R30FT5-11G-D					



Dimension data:

Catalog #	Mt. height	Wall thickness	Shaft size	Pole weight	Bolt projection	EPA 7!	EPA 8!	EPA 9!	EPA "0!	EPA "1!	EPA "2!
WSD-R10FT3-11G-D	10 ft.	11 gauge	3 inch	46 lbs.	2.75 in.	28.2	23.5	20.1	14.4	13.3	11.6
WSD-R15FT4-11G-D	15 ft.	11 gauge	4 inch	90 lbs.	2.75 in.	18.2	15.5	13.1	11.5	9.9	7.4
WSD-R20FT4-11G-D	20 ft.	11 gauge	4 inch	117 lbs.	2.75 in.	12.2	10.3	9	7.2	6	4.6
WSD-R25FT4-11G-D	25 ft.	11 gauge	4 inch	139 lbs.	2.75 in.	11.9	8.9	7.7	6.1	5.6	4.2
WSD-R30FT5-11G-D	30 ft.	11 gauge	5 inch	180 lbs.	2.75 in.	9.2	7.4	6.1	5.8	4.8	3.2

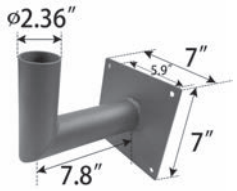
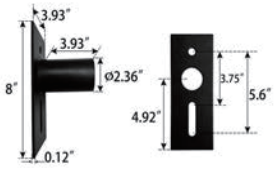
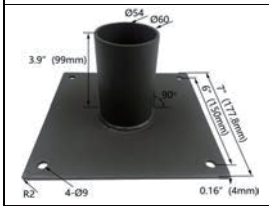
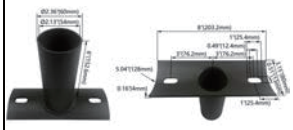
SQUARE EXTERNAL MOUNT HORIZONAL TENON - To mount 2 to 4 fixtures

	Low Profile Bullhom with 3 Tenons NO. WLI-VTS4R-3T-D MAX EPA: 1.6 Finish: Dark Bronze USE:The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.		Low Profile Bullhom with 2 Tenons NO. WLI-VTS4R-2T-D MAX EPA: 1.0 Finish: Dark Bronze USE:The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.
	Triple 120° Horizontal Tenon Adaptor NO. WLI-QT120-3T-D MAX EPA: 1.4 Finish: Dark Bronze USE:The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.		**Quad** 90° Horizontal Tenon Adaptor NO. WLI-QT90-4T-D MAX EPA: 1.8 Finish: Dark Bronze USE:The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

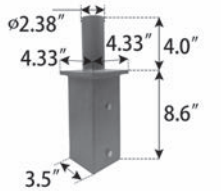
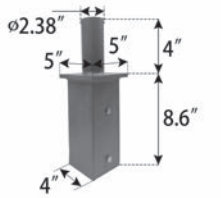
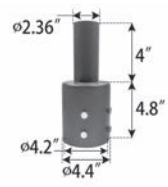
WALL BRACKET

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

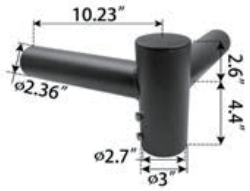
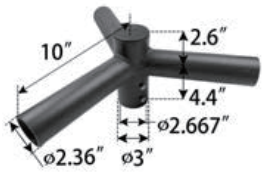
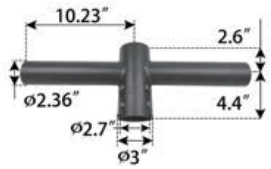
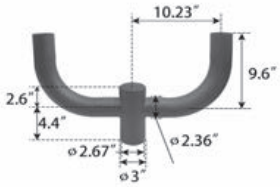
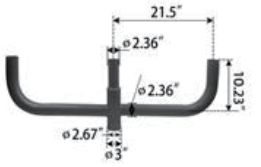
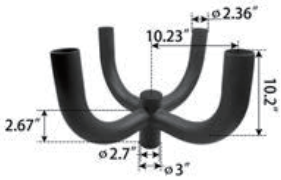
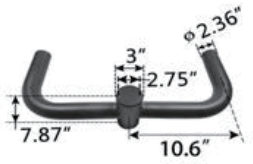
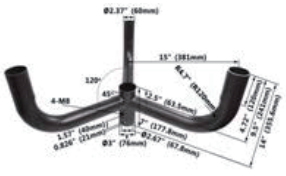
MID-POLE TENON BRACKET

	90° Wall Mount Bracket with 2-3/8" O.D. Tenon NO. WLI-ADP2.5-90-D Finish: Dark Bronze MAX EPA: 0.6 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.		2-3/8" OD Horizontal Tenon Mid-Pole Bracket NO. WLI-ADP2.5-D Finish: Dark Bronze MAX EPA: 0.3 USE: 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 NO. WLI-ADP2.5-180L3.9 -D Finish: Dark Bronze MAX EPA: 0.5 USE: 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. Mounting holes are spaced 3-1/4" apart.		2-3/8" OD Horizontal Tenon Arc Adaptor NO. WLI-ADP2.5-BARS-D Finish: Dark Bronze MAX EPA: 0.3 USE: 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.

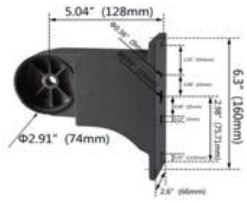
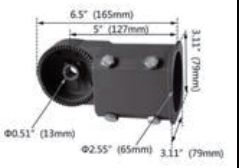
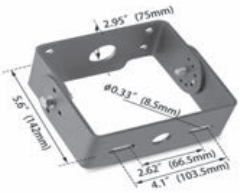
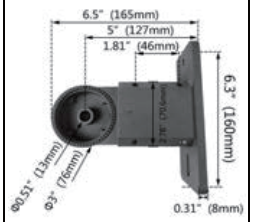
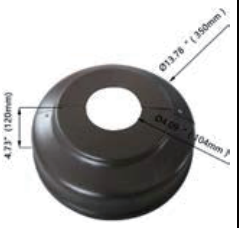
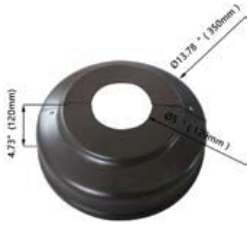
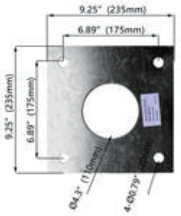
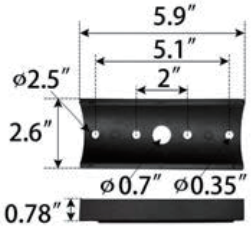
POLE BRACKET - For mounting single fixture on pole

	4" Square Pole Mount with 2-3/8" O.D. Tenon NO. WLI-VTS4-D Finish: Dark Bronze MAX EPA: 0.3 USE: 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. adjusted both vertically and horizontally.		3" Round Pole Mount with 2-3/8" O.D. Tenon NO. WLI-VT3 -D Finish: Dark Bronze MAX EPA: 0.3 USE: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. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.
	5" Square Pole Mount with 2-3/8" O.D. Tenon NO. WLI-VTS5-D Finish: Dark Bronze MAX EPA: 0.3 USE: 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. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		4" Round Pole Mount with 2-3/8" O.D. Tenon NO. WLI-VT4 -D Finish: Dark Bronze MAX EPA: 0.3 USE: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. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.
	5" Round Pole Mount with 2-3/8" O.D. Tenon NO. WLI- VT5-D Finish: Dark Bronze MAX EPA: 0.3 USE: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. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		1/2 " Round Pole Mount with 2-3/8" O.D. Tenon NO. WLI-TADP2.5-1/2-D Finish: Dark Bronze MAX EPA: 0.3 USE:For use with Round, non-tapered steel and aluminum poles.Vertical tenon measures 2-3/8" O.D., and is made of aluminum tubing.

ROUND EXTERNAL MOUNT HORIZONTAL TENON - To mount 2to 4 fixture to pole

	Double 90 ° Horizontal Tenon Adaptor NO. WLI-SB2.5TW 90-D Finish: Dark Bronze MAX EPA: 0.6 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.		Triple 120° Horizontal Tenon Adaptor NO. WLI-SB2.5TR120 -D Finish: Dark Bronze MAX EPA: 0.7 USE: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.
	Double 180 ° Horizontal Tenon Adaptor NO. WLI-SB2.5TW180 -D Finish: Dark Bronze MAX EPA: 0.4 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.		Quad 90° Horizontal Tenon Adaptor NO. WLI-SB2.5QD 90-D Finish: Dark Bronze MAX EPA: 1.0 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.
	Single Spoke Bracket Tenon Adaptor NO. WLI- SB2.5S 90-D Finish: Dark Bronze MAX EPA: 0.4 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. One fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.		Double 180° Horizontal Tenon Adaptor NO. WLI-RB2.5D180 -D Finish: Dark Bronze MAX EPA: 0.9 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. T wo fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.
	Triple 180° Horizontal Tenon Adaptor NO. WLI-RB2.5TR180 -D Finish: Dark Bronze MAX EPA: 1.4 USE: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.		**Quad** 90° Horizontal Tenon Adaptor NO. WLI-RB2.5QD90 -D Finish: Dark Bronze MAX EPA: 1.5 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.
	90° Wall Mount Bracket with 2-3/8" O.D. Tenon NO. WLI-ADP2 .5-90H-D Finish: Dark Bronze MAX EPA: 0.7 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 abuilt-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.		Double 180° Horizontal Tenon Adaptor NO. WLI-RB2. 5TR180H -D Finish: Dark Bronze MAX EPA: 1.0 USE:The Bracket is designed to mount over 2-3/8″ (60mm) O.D. vertical tenon. T wo fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally .
	Triple 120° Horizontal Tenon Adaptor NO. WLI-SB2.5TR120V-D Finish: Dark Bronze MAX EPA: 1.5 USE: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.		Double 180° Wall Mount Bracket with 2-3/8" O.D. Tenon NO. WLI-ADP2.5-180H-D Finish: Dark Bronze MAX EPA: 1.4 USE: 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 abuilt-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.

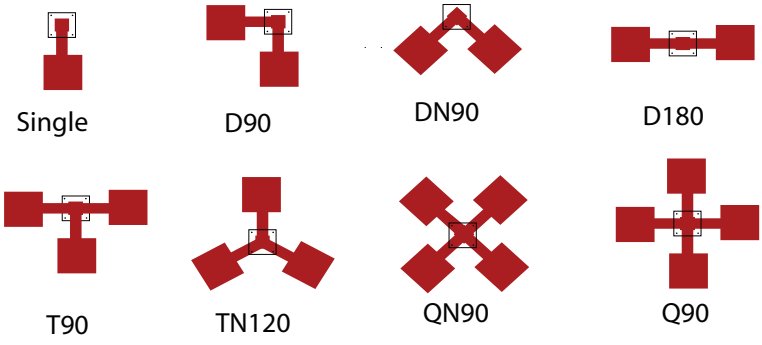
MOUNTING OPTIONS:

	**NO. WLI-NEWSBARM2-D** Finish Dark Bronze Arm Mount 4" and 5" square and round pole. Standard versatile mounting arm is simple install and can be used with existing poles for retro installations.		**SLIP-FITTER ADJUSTABLE ARM MOUNT** **NO. WLI-NEWSBSF2-D** Finish Dark Bronze An optional cast aluminum mast arm adaptor to secure the fixture head to the nominal 2" (2-3/8" OD pipe size) horizontal steel tenon arm.
	**NO. WLI-SBT-D** Finish Dark Bronze Easy to install for direct wall mounting with 1/2" conduit wiring.		**DIRECT ARM MOUNT** **NO. WLI-NEWSBSF2-D** Finish Dark Bronze An optional cast aluminum mast arm adaptor to secure the fixture head to the nominal 2" (2-3/8" OD pipe size) horizontal steel tenon arm.
	INSTALL BASE SHIELD **NO. WLI-IBR3-D** Finish Dark Bronze The 3" base shield is used to protect the base after installing the lamp pole so the base is not damaged and increasing the service life of the lamp pole.		**INSTALL BASE SHIELD** **NO. WLI-IBR4-D** Finish Dark Bronze The 4" base shield is used to protect the base after installing the lamp pole so the base is not damaged and increasing the service life of the lamp pole.
	**INSTALL BASE SHIELD** **NO. WLI-IBR5-D** Finish Dark Bronze The 5" base shield is used to protect the base after installing the lamp pole so the base is not damaged and increasing the service life of the lamp pole.		**ANCHOR BOLT POSITIONING PLATE** **NO. WLI-SPP235** Finish Galvanized Used as a template to position the anchor bolts properly in the cement base by preventing deviations during pouring and setting.
	**ARM SQ TUBE TURN TENON ADAPTOR** **NO. WLI-ARMBAR-D** Finish Dark Bronze Used for square tube light bar installation and with the installation of lamps.		**ARM SQ TUBE TURN TENON ADAPTOR** **NO. WLI-SADPBAR-D** Finish Dark Bronze Used for square tube light bar installation and with the installation of lamps.
	BASE ANCHOR BOLTS **NO. WLI-BMS-S** Finish Silver Before installation of the lamp pole, the anchor bolts should be fixed in a cement base, after which the lamp pole base can be mounted to the bolts.		

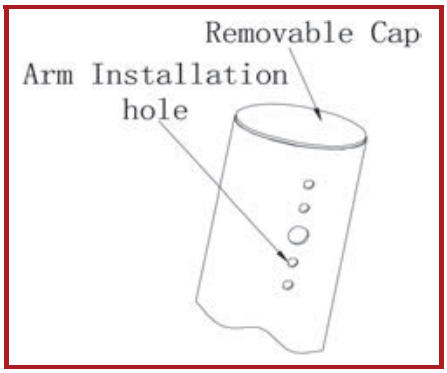
ORDERING EXAMPLE: WLI-R10FT3-11G-D

WLI	R	10FT	3	11G	D
Company	Product	Height	Size	Wall Thickness	Finish
WLI	Round Steel pole	10' (3.0M) 15' (4.6M) 20' (6.1M) 25' (7.6M) 30' (9.1M)	3 (3 inch) 4 (4 inch) 5 (5 inch)	11 (11gauge)	Dark Bronze

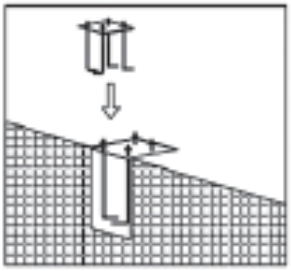
Fixture Configurations:



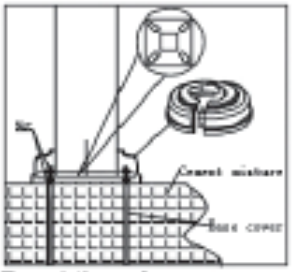
Light Pole Top:



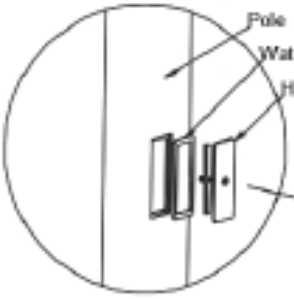
Installation:

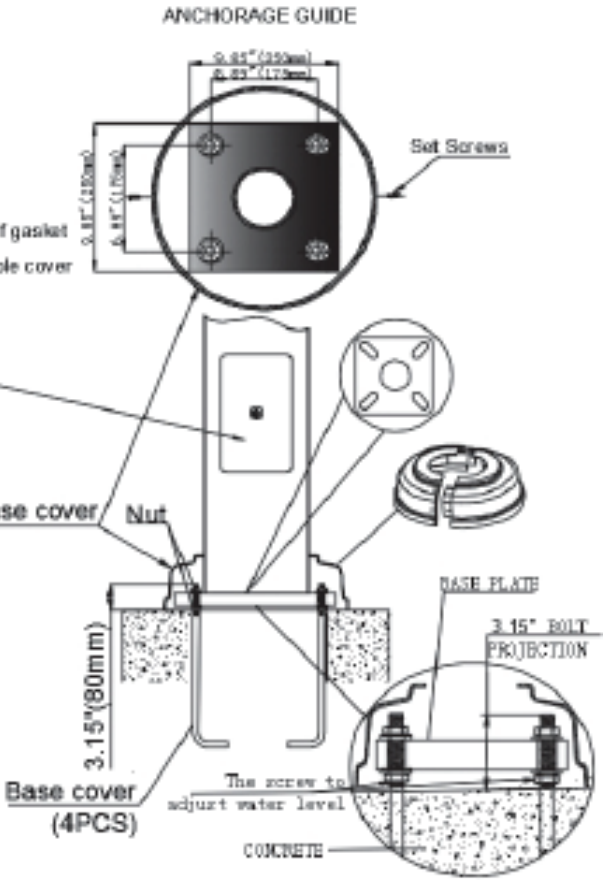


1.Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)

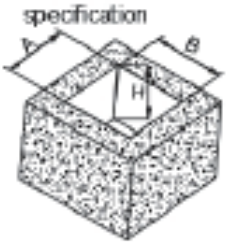


2.Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)





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)	27.56"(700mm)