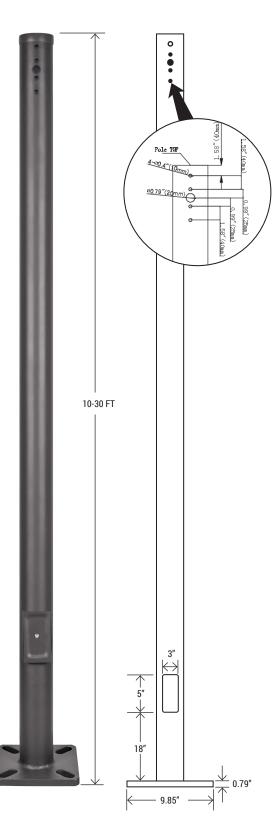


**Size: 3"** (3" dia.), **4"** (4" dia.), **5"** (5" dia.)

# (NOTE: BASE COVER, ANCHOR KIT, POSITION PLATE & ACCESSORIES SOLD SEPARATELY)



The WSD LED INC Series 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.

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

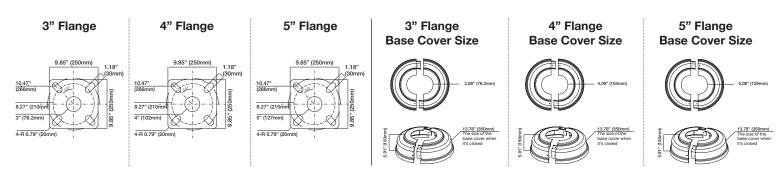
TOP MOUNT: Round Pole Tenon Adapters (optional) can be installed for a use with a Slip-Fitter or Multi-Fixture installation requiring Bullhorns, Spokes etc. (3"RND, 4"RND and 5"RND to 2 3/8" Round Tenon Adapters available)





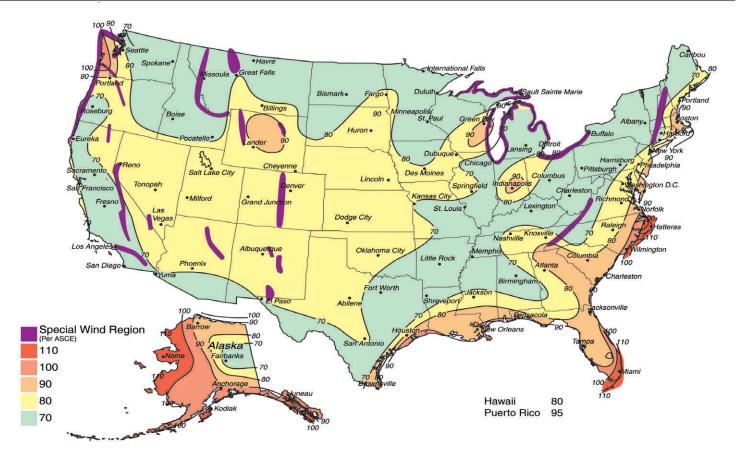
Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)

# **DIMENSION**



# **DIMENSION DATA**

CATALOG	HEIGHT	GAUGE	SIZE	BOLT Size	WEIGHT (LBS)	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
WSD-R10FT3-11G-D	10ft		3" dia.		72	26.2	22.5	20.1	16.4	11.3	9.6
WSD-R15FT4-11G-D	15ft			M0.75"X 19.69"X	95	17.8	14.6	12.3	10.9	8.2	6.4
WSD-R20FT4-11G-D	20ft	11	4" dia. 3.9	3.94"	143	11.9	9.1	8.8	6.8	5.5	3.8
WSD-R25FT4-11G-D	25ft				176	10.9	7.9	6.7	5.3	4.6	3.1
WSD-R30FT5-11G-D	30ft		5" dia.	M0.75"X 19.69"X3.94"/ M0.95"X 36"X4"	242	8.5	6.6	5.7	4.2	3.2	2.1







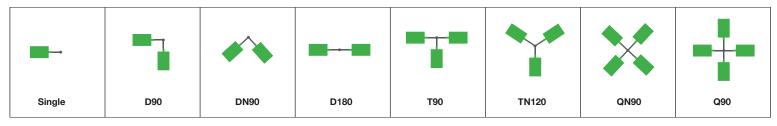
Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)

# **ORDERING INFORMATION**

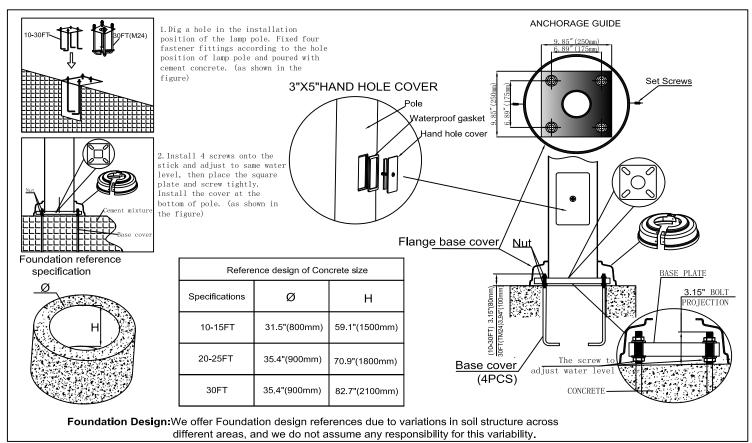
EXAMPLE: WSD-R10FT3-11G-D



# **FIXTURE CONFIGURATIONS**



# **INSTALLATION**





# Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)

#### **SQUARE EXTERNAL MOUNT HORIZONTAL TENON** • To mount 2/3/4 fixtures on an existing pole Low Profile Bullhorn with 3 Tenons Low Profile Bullhorn with 2 Tenons 20.5" (520mm WSD-VTS4R-3T-D WSD-VTS4R-2T-D **♦2.4"** (60mm MAX EPA: 1.6 MAX FPA: 1.0 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 24.6" (624.38mm 2-3/8" O.D. vertical tenon. 2-3/8" O.D. vertical tenon. Triple 120° Horizontal Tenon Adapter Quad 90° Horizontal Tenon Adapter WSD-QT120-3T-D WSD-QT90-4T-D MAX EPA: 1.4 MAX EPA: 1.6 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount over The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. 2-3/8" O.D. vertical tenon. **WALL BRACKET MID-POLE TENON BRACKET** · Attaches to any flat surface · Provides wiring access 90° Wall Mount Bracket with 2-3/8" O.D. Tenon 2-3/8" OD Horizontal Tenon Mid-Pole Bracket Ø2.36 WSD-ADP2.5-90-D WSD-ADP2.5-D MAX EPA: 0.6 MAX EPA: 0.3 Finish: Dark Bronze Finish: Dark Bronze 2-3/8" OD Horizontal Tenon Mid-Pole The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to Bracket is designed to mount light fixture almost any surface: wall, roof, or wood that is equipped with a adjustable slip-fitpole. Provides wiring access and a built-in ter onto a 2-3/8" OD horizontal tenon. 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. 180° Wall Mount Bracket with 2-3/8" O.D. Tenon 2-3/8" OD Horizontal Tenon Arc Adapter WSD-ADP2.5-180L3.9-D WSD-ADP2.5-BAR5-D MAX FPA: 0.5 MAX FPA: 0.3 Finish: Dark Bronze Finish: Dark Bronze The 180° wall mount bracket with 2-3/8" For use with Round, non-tapered steel and aluminum poles.2-3/8" OD Horizontal tenon attaches flood and area fixtures to Tenon Mid-Pole Bracket is designed to almost any surface; wall, roof, or wood pole. Provides wiring access and a built-in mount light fixture that is equipped with a 2-3/8" O.D. tenon to mount a fixture with adjustable slip-fitter onto a 2-3/8" OD our adjustable slip-fitter. Suggested 3/8" horizontal tenon. diameter bolts for mounting. **POLE BRACKET** · For mounting one fixture on an existing pole 4" Square Pole Mount with 2-3/8" O.D. Tenon 3" Round Pole Mount with 2-3/8" O.D. Tenon WSD-VTS4-D WSD-VT3-D ø2.36 MAX EPA: 0.3 MAX EPA: 0.3 Finish: Dark Bronze Finish: Dark Bronze For use with square, non-tapered steel and For use with round, non-tapered steel and 8.6" aluminum poles. Furnished with four 5/16" aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D. and is made of tenon measures 2-3/8" O.D. 3.5 steel tubing. 5" Square Pole Mount with 2-3/8" O.D. Tenon 4" Round Pole Mount with 2-3/8" O.D. Tenon WSD-VTS5-D WSD-VT4-D ø2.36 MAX EPA: 0.3 MAX EPA: 0.3 Finish: Dark Bronze Finish: Dark Bronze For use with square, non-tapered steel and For use with round, non-tapered steel and 8.6 aluminum poles. Furnished with four 5/16" aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenhex head stainless-steel bolts. Vertical on measures 2-3/8" O.D., and is made of tenon measures 2-3/8" O.D. steel tubing. 5" Round Pole Mount with 2-3/8" O.D. Tenon ø2.13″ WSD-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 tubina.





# Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)

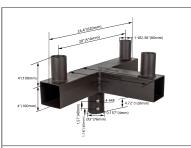
#### **ROUND EXTERNAL MOUNT HORIZONTAL TENON** · To mount 2/3/4 fixtures on an existing pole Double 90° Horizontal Tenon Adapter Triple 120° Horizontal Tenon Adapter WSD-SB2.5TW90-D WSD-SB2.5TR120-D 10.23" MAX EPA: 0.7 MAX EPA: 0.6 Finish: Dark Bronze Finish: Dark Bronze The Bracket is designed to mount 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 External Mount Horizontal Tenon and ø2.667" adjusted horizontally. adjusted horizontally. ø2.36" Double 180° Horizontal Tenon Adapter Quad 90° Horizontal Tenon Adapter WSD-SB2.5TW180-D WSD-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 Bound 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 180° Double Bullhorn WSD-SB2.5S90-D WSD-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. 180° Triple Bullhorn 90° Quad Bullhorn WSD-RB2.5TR180-D WSD-RB2.5QD90-D MAX FPA: 1.4 MAX FPA: 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 Ø2.36 2-3/8" (60mm) O.D. vertical tenon. Three 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 ø 2.67 adjusted horizontally. adjusted horizontally. 90° Wall Mount Bracket with 2-3/8" O.D. Tenon Double 180° Horizontal Tenon Adapter WSD-ADP2.5-90H-D WSD-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 WSD-SB2.5TR120V-D WSD-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.



# Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)



## Square Triple 90° Horizontal Tenon Adapter WSD-QT90-3T-D

MAX EPA: 1.5 Finish: Dark Bronze

The Bracket is designed to mount over

2-3/8" O.D. vertical tenon.

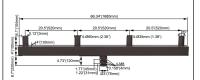


## Round Triple 90° Horizontal Tenon Adapter WSD-SB2.5QD90-3T-D

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.



### Low Profile Bullhorn with 4 Tenons WSD-VTS4R-4T-D

MAX EPA: 1.7 Finish: Dark Bronze

The Bracket is designed to mount over

2-3/8" O.D. vertical tenon.



### Four 180° Horizontal Tenon Adapter WSD-RB2.5TR180-4T-D

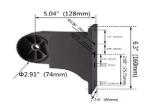
MAX EPA: 1.4

Finish: Dark Bronze

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.

# **MOUNTING OPTIONS:**



### WSD-NEWSBARM2-D

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.



### WSD-NEWSBSF2-D

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.

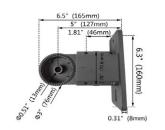


# WSD-SBT-D

Finish: Dark Bronze

Easy to install for direct wall mounting with

1/2" conduit wiring.

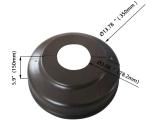


# WSD-SFARM2-D

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.



# **Install Base Shield**

WSD-IBR3-D

Finish: Dark Bronze

The 3" 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.



# **Install Base Shield** WSD-IBR4-D

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

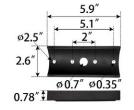
life of the lamp pole.



# Install Base Shield WSD-IBR5-D

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.



## **Arm Square Tube Turn Tube Tenon Adapter** WSD-ARM-RAR-D

Finish: Dark Bronze

Round tube light bar installation, with Arm

installation of lamps.





# Size: 3" (3" dia.), 4" (4" dia.), 5" (5" dia.)

MOUNTING OPTIONS:			
3.75" 5.6"	Arm Square Tube Turn Tube Tenon Adapter WSD-SADP-BAR-D Finish: Dark Bronze Round tube light bar installation, with Arm installation of lamps.	19.69° (COOmm)  3.15° (Romm)  3.15° (Romm)	Base Mounting Screw WSD-BMS-S 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.
9 25' (235mm) 6.89' (175mm)	Anchor Bolt Positioning Plate WSD-SPP235 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.		
30FT Light Pole Optional Ac	cessories:		
Position Plate Bottom	Cross Screw Positioning Plate WSD-SPP235-BM24 This is a screw bottom cross positioning plate. It is used in conjunction with the top positioning plate WD-SPP235-TM24 and WSD-BM24SL914-S to fix the positioning plate with the screw to prevent the screw from deviating. Finally, the lamp pole locks.	36" (914mm) 4" (1000mm) 4" (1000mm)	Anchor Bolt WSD-BM24SL914-S 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,(It is user in conjunction with WSD-SPP235-BM24 and WD-SPP235-TM24).
9.25° (235mm) 6.89° (175mm) -6.89° (175mm) -6.89° (175mm)	Anchor Bolt Positioning Plate WSD-SPP235-TM24 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, (It is used in conjunction with WSD-SPP235-BM24 and WSD-BM24SL914-S).	LIGHT POLE TOP	Removable Cap Arm Installation hole