

## ROUND POLE



**ROUND  
STRAIGHT**

## STRAIGHT ROUND POLE

### POLE SHAFT

THE POLE SHAFT IS ONE PIECE CONSTRUCTION, FABRICATED FROM A WELDABLE CARBON STEEL, AND HAS UNIFORM WALL THICKNESS. THE SHAFT WILL HAVE A MINIMUM YIELD STRENGTH OF 55,000 KSI, AND CONFORMS TO ASTM-A500 GRADE C. THE POLE SHAFT HAS A FULL LENGTH LONGITUDINAL RESISTANCE WELD AND IS UNIFORMLY CYLINDRICAL ON CROSS-SECTION.

### FINISH

A POLYESTER THERMOSETTING POWDER COAT IS ELECTRONICALLY APPLIED AS STANDARD ON ALL FINISHED POLES. STANDARD FINISHES ARE BRONZE, BLACK, AND WHITE. CONSULT YOUR TECHLIGHT REPRESENTATIVE FOR PRICING ON CUSTOM FINISHES.

### ANCHOR BASE

THE ANCHOR BASE IS FABRICATED FROM A STRUCTURAL QUALITY HOT ROLLED CARBON STEEL PLATE THAT MEETS A MINIMUM YIELD STRENGTH 36,000 KSI. THE ANCHOR BASE TELESCOPES THE POLE SHAFT AND HAS A CIRCUMFERENTIAL WELDED TOP AND BOTTOM.

### ANCHOR BOLTS

ANCHOR BOLTS ARE FABRICATED FROM A COMMERCIAL QUALITY, HOT ROLLED CARBON STEEL BAR WITH A MINIMUM YIELD STRENGTH OF 36,000 KSI. EACH BOLT IS FURNISHED WITH TWO HEAVY HEX NUTS AND TWO FLAT WASHERS AND WILL SHIP WITH POLES UNLESS OTHERWISE SPECIFIED.

## ACCESSORIES

ACCESSORIES ARE LISTED ON PAGES 160 - 170 (TENONS AND ADAPTERS).

## TECHNICAL DATA

CATALOG	MOUNTING HEIGHT (FT)	POLE SHAFT	WALL GAUGE SIZE	BOLT CIRCLE	BOLT SIZE	WIND 80MPH 1.3 GUST	WIND 90MPH 1.3 GUST	WIND 100MPH 1.3 GUST	SHIPPING WEIGHT*
RSP10-4-11	10FT	4" X 10'	11	8	.75X18X3	32.4	26.3	21.6	69LBS
RSP15-4-11	15FT	4" X 15'	11	8	.75X18X3	16.2	13.0	10.6	96LBS
RSP20-4-11	20FT	4" X 20'	11	8	.75X18X3	10.2	8.0	5.5	135LBS
RSP20-5-11	20FT	5" X 20'	11	11	1X36X4	18.2	14.4	11.3	207LBS
RSP25-4-11	25FT	4" X 25'	11	8	.75X30X3	6.3	4.5	3.3	163LBS
RSP25-5-11	25FT	5" X 25'	11	11	1X36X4	12.1	9.2	7.0	243LBS
RSP25-5-7	25FT	5" X 25'	7	11	1X36X4	17.4	13.5	10.6	331LBS
RSP30-5-11	30FT	5" X 30'	11	11	1X36X4	6.8	4.7	3.2	278LBS
RSP30-5-7	30FT	5" X 30'	7	11	1X36X4	10.3	7.6	5.5	383LBS
RSP35-5-7	35FT	5" X 35'	7	11	1X36X4	6.3	4.1	2.5	436LBS

PROJECT NAME:

FIXTURE TYPE:

ORDER INFORMATION

APPROVAL:

FIXTURES

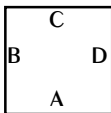
RSPIO-4-11	CATALOG	MOUNTING HEIGHT (FT)	POLE SHAFT
	RSPIO-4-11	10FT	4" X 10'
	RSP15-4-11	15FT	4" X 15'
	RSP20-4-11	20FT	4" X 20'
	RSP20-5-11	20FT	5" X 20'
	RSP25-4-11	25FT	4" X 25'
	RSP25-5-11	25FT	5" X 25'
	RSP25-5-7	25FT	5" X 25'
	RSP30-5-11	30FT	5" X 30'
	RSP30-5-7	30FT	5" X 30'
	RSP35-5-7	35FT	5" X 35'

ORDERING GUIDELINES

TECHLIGHT OFFERS THE FOLLOWING INFORMATION TO ASSIST YOU WHEN PLACING YOUR POLE ORDERS.

- 1) DETERMINE THE TYPE OF POLE SHAFT  
(SSP) STRAIGHT SQUARE POLE (STP) SQUARE TAPERED POLE  
(RSP) ROUND STRAIGHT POLE (RTP) ROUND TAPERED POLE
- 2) SPECIFY THE POLE HEIGHT IN FEET.  
A) SSP 10'ft-40'ft B) STP 20'ft-40'ft  
C) RSP 10'ft-30'ft D) RSP 20'ft-50'ft  
CUSTOM HEIGHTS AVAILABLE, CALL YOUR TECHLIGHT AGENT FOR DETAILS.
- 3) SPECIFY SHAFT SIZE AND GAUGE  
(WALL THICKNESS). SEE CUT SHEET FOR INFORMATION.
- 4) DRILLING/TENONS FOR FIXTURE MOUNTING:  
FOR STANDARD 2 3/8" TENON SPECIFY W/O (CUSTOM TENON SIZES AVAILABLE). FOR DRILL MOUNTING - SPECIFY FIXTURE MOUNTING POSITION.

- 5) SPECIFY FINISH  
BRONZE, BLACK, WHITE, GALVANIZED AND CUSTOM FINISHES AVAILABLE. "CUSTOM AND GALVANIZED FINISHES ARE AT AN ADDITIONAL COST, PLEASE CONTACT YOUR TECHLIGHT AGENT FOR DETAILS."
- 6) GENERAL INFORMATION
  - 1) ALL POLES ARE SHIPPED COMPLETE WITH BASE COVER, POLE CAP, HAND HOLE AND COVER, GROUNDING NUT, TEMPLATE, AND ANCHOR BOLTS.
  - 2) POLES MAY BE ORDERED WITH A DUPLEX RECEPTACLE INSTALLED AS AN OPTION. ADD PDR TO ORDERING CODE AND STATE DESIRED LOCATION.
  - 3) GALVANIZED ANCHOR BOLTS ARE AVAILABLE AT AN ADDITIONAL COST.
  - 4) PRE SHIPPING OF ANCHOR BOLTS AND TEMPLATES IS AVAILABLE AT THE CUSTOMERS EXPENSE.



THE HAND HOLE IS "A"

TECHLIGHT DRILLS FOR OUR STANDARD ARMS SSA (SHOEBOX), AND VSA (VERTICAL BASE UP BOXES)