

## ROUND POLE



**ROUND  
TAPERED**

## TAPERED 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 A-500 GRADE B. THE POLE SHAFT HAS A FULL LENGTH LONGITUDINAL WELD AND IS ROUND IN CROSS SECTION HAVING A UNIFORM TAPER OF .14 INCHES PER FOOT.

### 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	Wind	Wind	Shipping Weight*
						80MPH 1.3 Gust	90MPH 1.3 Gust	100MPH 1.3 Gust	
RTP20	20FT	6.5"X3.7"X20'	11	9	1X36X4	35.6	28.7	23.5	228LBS
RTP25	25FT	7.0"X3.5"X25'	11	10	1X36X4	30.6	24.6	20.0	269LBS
RTP30	30FT	7.5"X3.3"X30'	11	10.5	1X36X4	22.1	17.5	13.9	305LBS
RTP35	35FT	8.5"X3.6"X35'	11	12.5	1X36X4	21.8	16.9	13.1	379LBS
RTP39II	39FT	9.0"X3.5"X39'	11	12.5	1X36X4	19.6	14.9	11.2	373LBS
RTP397	39FT	9.0"X3.5"X39'	7	12.5	1X36X4	34.4	27.3	21.8	535LBS
RTP45II	45FT	10.2"X6.42"X27'	11	15	1X36X4	18.3	13.2	9.3	532LBS
		7.0" X4.2"X20'	11						
RTP457	45FT	10.2"X6.42"X27'	7	15	1.25X42X6	36.8	28.5	22.0	800LBS
		7.0"X4.2"X20'	11						
RTP50II	50FT	10.2"X6.42"X27'	11	15	1X36X4	12.9	8.9	5.7	554LBS
		7.0"X3.5"X25'	11						
RTP507	50FT	10.2"X6.42"X27'	7	15	1.25X42X6	27.3	20.6	15.4	802LBS
		7.0"X3.5"X25'	11						

PROJECT NAME:

FIXTURE Type:

ORDER INFORMATION

Approval:

FIXTURES

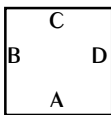
RTP20	CATALOG	MOUNTING HEIGHT (FT)	POLE SHAFT
	RTP20	20FT	6.5"X 3.7"X20'
	RTP25	25FT	7.0"X3.5"X25'
	RTP30	30FT	7.5"X3.3"X30'
	RTP35	35FT	8.5"X3.6"X35'
	RTP39II	39FT	9.0"X3.5"X39'
	RTP397	39FT	9.0"X3.5"X39'
	RTP45II	45FT	10.2"X6.42"X27'
	RTP457	45FT	7.0" X4.2"X20'
	RTP457	45FT	10.2"X6.42"X27'
	RTP457	45FT	7.0"X4.2"X20'
	RTP50II	50FT	10.2"X6.42"X27'
	RTP507	50FT	7.0"X3.5"X25'
	RTP507	50FT	10.2"X6.42"X27'
	RTP507	50FT	7.0"X3.5"X25'

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) RTP 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)