

# PSRV

## Round Tapered Steel Poles

### Product Description

Round Tapered Poles combine their graceful, distinctive appearance with quality construction. They are available in lengths of 25' (7.6m), 30' (9.1m), 35' (10.7m), 39' (11.9m), 45' (13.7m), and (15.m). Luminaire mounting is accomplished by attaching the luminaire, via the Round External Mount Vertical or Horizontal Tenon (PB/PT Series), to a 2" (25mm) schedule 80 pipe that is peripherally welded to the top of the shaft. Each pole is shipped complete with galvanized anchor bolts, paper mounting template and base cover. The two-piece non-metallic base cover is held together by two fasteners. The poles come with a reinforced hand hole that is welded to the shaft. The steel hand-hole cover is attached with two high-strength fasteners.

### Construction & Materials

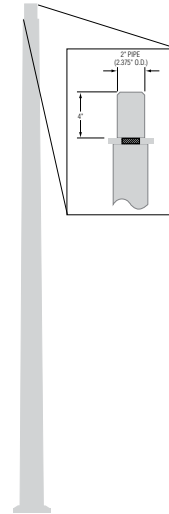
- The shaft, of hot rolled, commercial-quality ASTM A595 Grade A 11-gauge steel, has a minimum-yield strength of 50,000 p.s.i.
- Shaft taper is a uniform 0.140 inch per foot
- One-piece construction features a full length, longitudinal, high frequency resistance weld
- Base plate made of carbon steel with 36,000 p.s.i. minimum yield strength, telescopes the shaft and is welded top and bottom
- Standard poles come with a bronze polyester powder finish that carries a one-year warranty

### Regulatory & Voluntary Qualifications

- Grounding lug meets UL and NEC requirements for electrical ground bonding
- AASHTO standards for mechanical strength and windloading
- All Cree poles meet or exceed NEC requirements

### Patents

- Visit website for patents that cover these products:  
Patents <http://www.cree.com/patents>



### Ordering Information

Catalog Number	Base O.D. x Top O.D. & Wall Thickness	Pole Shaft	Bolt Circle / Range Inches	Bolt Size Inches	80 MPH Max		90 MPH Max		100 MPH Max	
					EPA	Fixture Weight	EPA	Fixture Weight	EPA	Fixture Weight
%PSRV25CTBZ	7.0 x 3.5 RND x 11 Gauge	7.0" x 3.5" x 25'	10.0/9.5-10.5	1	20.3	507	16.2	405	13.1	327
%PSRV30CTBZ	8.0 x 3.8 RND x 11 Gauge	8.0" x 3.8" x 30'	11.0/10.5-11.5	1	18.9	473	14.9	373	12.0	300
%PSRV35CTBZ	8.5 x 3.6 RND x 11 Gauge	8.5" x 3.6" x 35'	11.5/11-12	1	18.9	472	15.1	377	12.2	305
%PSRV39CTBZ	9.0 x 3.6 RND x 11 Gauge	9.0" x 3.6" x 39'	12.5/12-13	1	17.2	430	13.5	338	10.8	270
%PSRV45CTBZ	10 x 3.7 RND x 11 Gauge	10" x 3.7" x 45'	13.5/13-14	1	17.4	435	13.5	338	10.6	265
%PSRV50CTBZ	10 x 3.0 RND x 11 Gauge	10" x 3.0" x 50'	13.5/13-14	1	13.2	330	10.6	265	8.3	208