



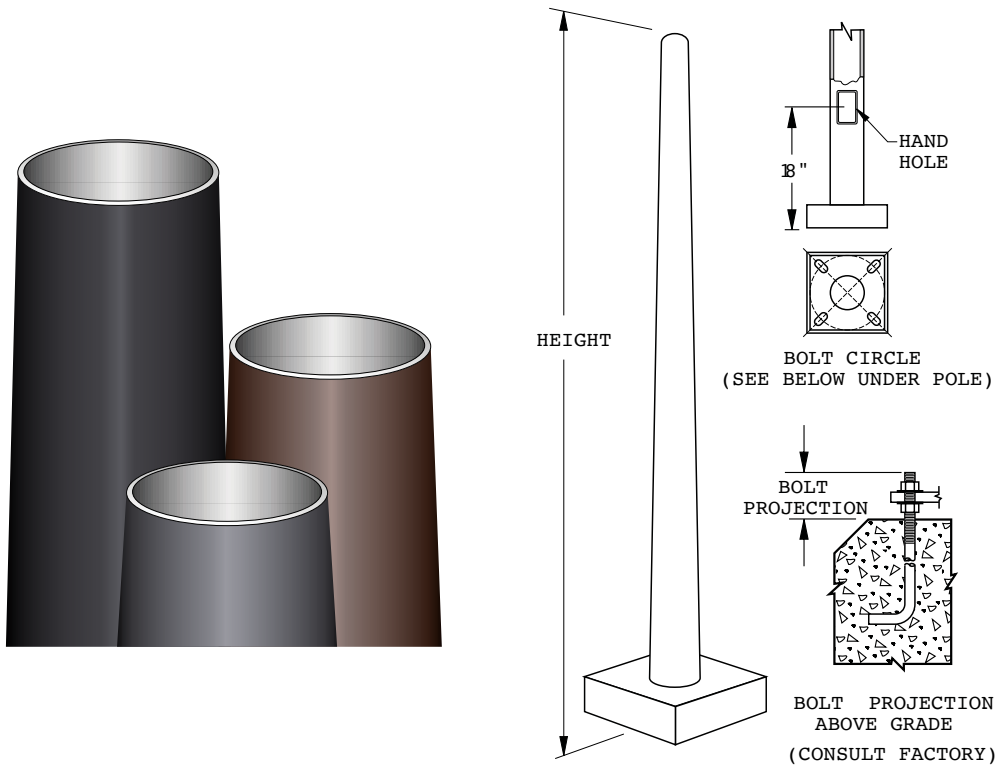
DECO® LIGHTING

# DPTA

## Round Tapered Pole

### Job Information

Type:	
Catalog #:	
Project:	
Comments:	
Prepared by:	



### Ordering Information

Example: (DPTA-15-TN238-DM290-BZ-GLV-T3120)

Series	Pole / Bolt Circle / Anchorage	Mounting	Drill Mount	Finish	Finish Options	Option
Round Tapered Aluminium	14 14' (.125" wall) / 10 1/2" BC / 3/4" x 18" x 3" 16 16' (.125" wall) / 11 3/4" BC / 3/4" x 18" x 3" 18 18' (.188" wall) / 11 3/4" BC / 1" x 36" x 4" 20 20' (.188" wall) / 13" BC / 1" x 36" x 4" 25 25' (.188" wall) / 13" BC / 1" x 36" x 4" 30 30' (.188" wall) / 13" BC / 1" x 36" x 4" 35 35' (.188" wall) / 13" BC / 1" x 36" x 4" 40 40' (.188" wall) / 13" BC / 1" x 36" x 4"	TN238 2 3/8" x 4" Tenon TN278 2 7/8" x 4" Tenon OT Other Tenon Mt __	DM1 Drill Mount DM2180 Drill Mount DM290 Drill Mount <sup>1</sup> DM390 Drill Mount <sup>1</sup> DM490 Drill Mount <sup>1</sup> DM3120 Drill Mount <sup>2</sup>	BZ Bronze BL Black WH White GY Grey GR Green CU Custom Paint (Consult Factory)	GLV Galvanized PDR Thermoset Polyester Powder	DUP Duplex Receptacle GFI GFI Receptacle T3120 3 Way Adapter T490 4 Way Adapter RBC Round Base Cover CPL12 1/2" Coupling <sup>3</sup> CPL34 3/4" Coupling <sup>3</sup> CPL2 2" Coupling <sup>3</sup>

<sup>1</sup>DM290, DM390, DM490 require TN278 and T490 adapter

<sup>2</sup>DM3120 requires TN278 and T3120 adapter

<sup>3</sup>Specify coupling location



Features

- Spun tapered from 6063 alloy aluminum tubing.
- Heat treated to produce a T6 temper.
- Shaft includes a peripherally reinforced hand hole furnished with cover.
- Shaft is furnished with ground lug located on cast aluminum base plate.
- Cast aluminum constructed of A-356 aluminum alloy heat treated to produce a T6 temper.
- Structurally engineered base includes eight heavy wall reinforcing vertical gussets.
- Base telescopes and is circumferentially welded to shaft at both the outside top and inside bottom of the base.
- (4) anchor bolts fabricated from hot rolled steel bar, minimum yield strength

- of 50,000 PSI.
- Bolts have “L” bend on one end and are threaded on the other end.
- Bolts are fully galvanized and are furnished with two nuts and two washers.
- Fabricated from heavy wall aluminum construction.
- Two piece cover entirely conceals base
- Polyester powder coat-state of the art 20 PSI pressure power wash at 140° temperature incorporates four step iron phosphate process to cleanse and pretreat the metal surface for maximum paint adhesion.
- Electrostatically applied textured polyester powder topcoat is baked at 400° temperature for maximum hardness and exterior durability.

Engineering Data

Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
DPTA-14	50	2.2	3.0	4.5	6.2
DPTA-16	50	1.1	1.8	2.9	4.4
DPTA-18	100	4.1	5.6	7.6	10.8
DPTA-20	200	5.6	7.5	10.1	14.2
DPTA-25	225	5.7	7.3	9.5	13.6
DPTA-30	200	5.6	7.4	9.9	13.5
DPTA-35	100	3.8	5.1	7.0	9.3
DPTA-40	200	4.2	5.4	7.6	10.7

All above design calculations are based on sustained wind forces plus additional 1.3 wind gust(Example: Pole rated at 80 MPH withstands 104 MPH gusts)