TECHLIGHT

Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

POLE — The pole shaft is fabricated from hot rolled carbon steel having a minimum yield of 55,000 PSI and conforms to ASTM A572 Grade 55 or A595 Grade A requirements. The shaft construction is a single piece of formed steel welded longitudinally. The hand hole is located 1' above the pole base. A ground lug is provided standard.

ANCHOR BASE — The anchor base is fabricated from a structural quality hot rolled carbon steel plate that has a minimum yield strength of 36,000 PSI. The anchor base telescopes the pole shaft and has a circumferential weld on the top and bottom.

BASE COVER — A full base cover is provided which encapsulates the base plate and anchor bolts to provide a clean transition from pier to pole.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request. Galvanizing treatments available upon request. Additional warranty extensions available with these treatments.

25' Steel Round Tapered 7 Gauge Pole

RTP SERIES

For detailed dimensions and base plate configurations, scan QR code or for engineering drawings or visit link below:

https://techlight.com/pdf/TL~POLERTP~RTP257~Dims.pdf

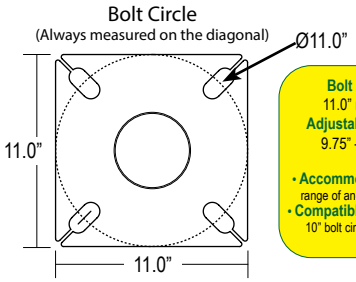
Technical Data

Nominal Pole Height	25'-0"
Shaft Dimensions	Base OD 7.0" Top OD 3.5"
Wall Gauge	7 Gauge
Bolt Circle	**Nominal** 11.0" **Range** 9.75"–12.25"
Bolt Size	1" x 36" x 4"
Base Plate Dimensions	11.0" sq. x 1.0" thk.
Est. Shipping Weight	289 lbs

Max EPA (1.3 Gust)

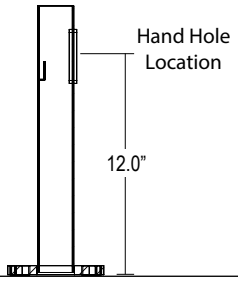
80 mph	36.0
90 mph	28.3
100 mph	22.6
110 mph	18.2
120 mph	14.8
130 mph	12.2
140 mph	10.0
150 mph	8.2
170 mph	6.8

Wider bolt circle flexibility + backward compatibility

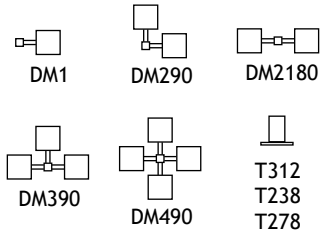


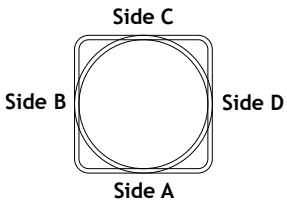
Bolt Circle:
11.0" nominal
Adjustable range:
9.75" – 12.25"

- **Accommodates** a wide range of anchor bolt layouts
- **Compatible with** existing 10" bolt circle installations



Mounting Options





Drilling Locations

Sides	A	B	C	D
Hand Hole	X			
DM1	X			
DM290	X	X		
DM2180		X		X
DM390	X	X		X
DM490	X	X	X	X

ORDERING INFORMATION

Example: **RTP 25 7 GLVPBZ T238**

Choose the bold face options for the appropriate pole configuration for your application and enter on the line above each pole attribute. Accessories may be factory installed, depending on the particular accessory chosen, but must still be ordered as a separate line item.

RTP

Series

RTP

Pole Height

25 24' Nominal

Pole Gauge

7 7 Gauge

Color

BK Black
BZ Bronze
WH White
GR US Green
GLV Galvanized
GLVP[1] Galvanized and Painted
SP Special

Mounting

DM1 Drill One Side
DM290 Drill 2 Sides at 90˚
DM2180 Drill 2 Sides at 180˚
DM390 Drill 3 Sides at 90˚
DM490 Drill 4 Sides at 90˚
T238 2-3/8" OD Tenon (Standard)
T278 2-7/8" OD Tenon
T312 3-1/2" OD Tenon
ND No Drilling

Drill Pattern

Blank None - for Tenon Mounting
SSA SSA Drill Mount Pattern
VSA VSA Drill Mount Pattern

NOTE: ANCHOR BOLT KITS MUST BE ORDERED AS A SEPARATE LINE ITEM. EACH KIT IS PROVIDED WITH A RIGID TEMPLATE FOR INSTALLATION. SEE ACCESSORIES FOR KIT PART NUMBERS. PLEASE NOTE ON PURCHASE ORDER IF ANCHOR BOLTS AND TEMPLATES ARE TO BE PRE-SHIPPED.

Options

(Include in Pole Ordering String Above)

TLGFIA Ground Fault Receptacle
PHH[2] Additional Hand Hole
AVD25[3] Poles Anti Vibration Device

Accessories

(Order as separate line items)

KAB136G11R AB Kit (4) 1" x 36" Galvanized Bolts and Rigid Template
KAB136G11RUSA USA Anchor Bolt Kit part for the Anchor Bolts+Template

NOTES
1 For 'Galvanized and Painted' option. You must specify a paint color code as the suffix in addition to the GLVP coating option. (Example: GLVPBZ).
2 Please note location for additional hand hole when ordering. See Drilling Locations diagram for location designations.
3 See Page 2 for details.

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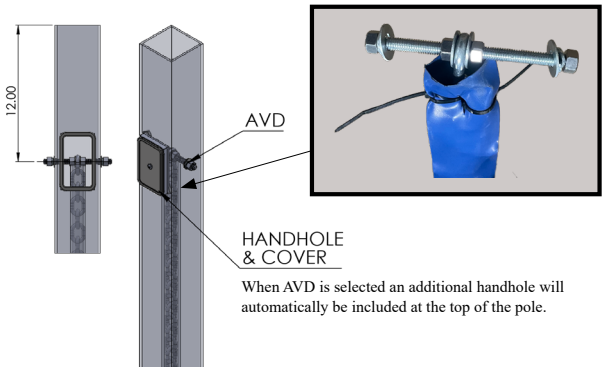
All dimensions and specifications are subject to change without notice.

RTP SERIES 25’ Steel Round Tapered 7 Gauge Pole

AVD25 - Anti vibration device for 25ft pole

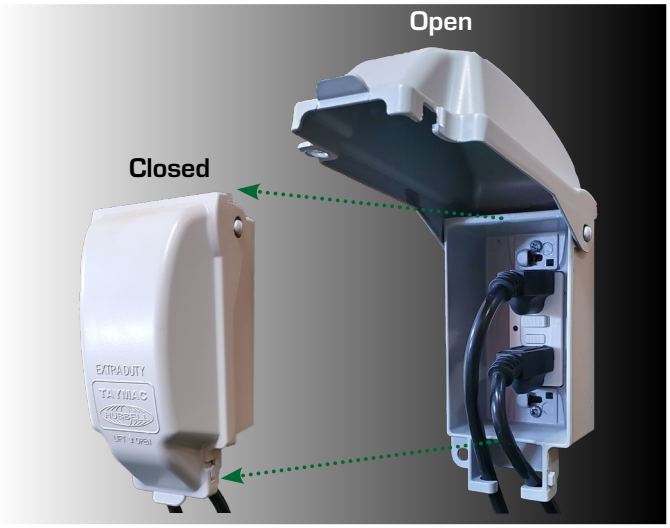
PN#	Pole Height(ft)	CHAIN LENGTH (ft)
AVD25	25	16.5

Square Pole Representation
is similar to Round Poles.



When AVD is selected an additional handhole will automatically be included at the top of the pole.

TL-GFIA - Ground Fault Receptacle



The **GFIA** (*Ground Fault Circuit Interrupter*) comes with a die cast aluminum in-use cover.

For Reference Only: The ASCE 7 Hazard Tool is the official source of information for pole selection when identifying wind speed zone limits within North America.

https://asce7hazardtool.online/

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