Product Overview

- **Pole Shaft** - The pole shaft is extruded and spun from seamless 6063-T6 aluminum.
- **Pole Top** - A removable top cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. Other pole top options include Tenon Top, Top Cap Only or Open Top which is typical when the pole top diameter matches the necessary slip-fit dimensions.
- **Hand Hole** - A covered hand hole with hardware and grounding provision are provided.
- **Anchor Base & Cover** - The hinged base is cast from 356 alloy aluminum and supplied with an aluminum two-piece base cover. The completed pole assembly is heat-treated to a T6 temper.
- **Anchor Bolts** - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an “L” bend on one end and are galvanized a minimum of 12” on the threaded end.
- **Hardware** - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.
- **Finish** - Finishes include anodized or painted. Please consult factory for special finishing colors and fixture matching options. When storing light poles outside, remove all protective wrapping immediately upon delivery to prevent finish damage.
- **Design Criteria** - Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 1.3 gust factor) for side and top mounted fixtures only. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
## EPA Load Information

<table>
<thead>
<tr>
<th>BASE MODEL</th>
<th>80 MPH w/1.3 GUST MAX EPA (SQ FT)</th>
<th>90 MPH w/1.3 GUST MAX EPA (SQ FT)</th>
<th>100 MPH w/1.3 GUST MAX EPA (SQ FT)</th>
<th>110 MPH w/1.3 GUST MAX EPA (SQ FT)</th>
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<tr>
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<td>8.7</td>
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</tbody>
</table>

1. The total combined EPA and weight of all fixtures, brackets and attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole.
2. Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 1.3 gust factor) for side and top mounted fixtures only.
3. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.

Note: Additional sizes and configurations are available upon request.

*+* Indicates a vibration dampener is standard

CAUTION: Raising and lowering of the pole requires adequate preparation. Do not underestimate the force required to raise and lower poles with heavy fixtures at the top.
Designation & Dimensional Information

<table>
<thead>
<tr>
<th>BASE MODEL</th>
<th>NOMINAL MOUNTING HEIGHT</th>
<th>POLE DIMENSIONS</th>
<th>BASE PLATE</th>
<th>ANCHOR BOLTS</th>
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<tr>
<td></td>
<td>TOP OD (IN)</td>
<td>BASE OD (IN)</td>
<td>WALL THK (GA)</td>
<td>BOLT CIRCLE DIA (IN)</td>
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<td>6</td>
<td>0.188</td>
</tr>
</tbody>
</table>
# Ordering Information

**Ex. VA-RTAH-08-4030-C-AB-FP-DB-D1-HHR**

## Designation
- **VA-RTAH** = Round Tapered Alum. Hinged

## Length
- **8 to 20**

## Base OD
- **40** = 4”
- **30** = 3”
- **50** = 5”
- **40** = 4”
- **60** = 6”

## Top OD
- **C** = 0.125”
- **F** = 0.156”
- **D** = 0.188”

## Anchor Bolts
- **AB** = Incl
- **LAB** = Not Incl

## Finish Type
- **FP** = Finish Painted
- **SBF** = Satin Brushed

## Color
- **DB** = Dark Bronze
- **MB** = Medium Bronze
- **LG** = Light Gray
- **DG** = Dark Green
- **SG** = Slate Gray
- **BK** = Black
- **WH** = White
- **SL** = Silver
- **SC** = Custom
- **NA** = Natural Alum. Paint
- **SSA** = Satin Silver Anod.
- **BZA** = Bronze Anod.
- **BKA** = Black Anod.

## Fixture Mounting
- **Drill Mounting (includes cap)**
  - **D1** = Single
  - **D2** = 2@180 deg.
  - **D3** = 3@120 deg.
  - **D4** = 4@90 deg.
  - **D5** = 2@90 deg.
  - **D6** = 3@90 deg.

## Tenon Mounting
- **P1** = 4” OD x 5” Long Tenon
- **P2** = 2.38” OD x 4” Long Tenon
- **P3** = 3.50” OD x 6” Long Tenon
- **P4** = 4” OD x 6” Long Tenon
- **P5** = 2.88” OD x 4” Long Tenon
- **P6** = 2.88” OD x 5” Long Tenon
- **P7** = 2.38” OD x 5” Long Tenon
- **P8** = 2.38” OD x 12” Long Tenon
- **PD** = 3” OD x 3” Long Tenon
- **P9** = Custom Size Tenon

## Other Options
- **PC** = Cap Only, No Side Drilling
- **PL** = Open Top, No Cap or Side Drilling

## Anchor Bolts
- **AB** = Incl
- **LAB** = Not Incl

## Ex. VA-RTAH-08-4030-C-AB-FP-DB-D1-HHR

### Description
- **HHR** = Additional Reinforced Hand Hole Opening w/ Cover Assembly
- **ULHH** = UL Compliant Hand Hole
- **NECHH** = NEC 410.30 Compliant Hand Hole & Cover
- **FSTR** = Festoon Provision, Electrical by Others (Specify Pole Height & Orientation)
- **CPL** = NPT Pipe Coupling (Specify Pole Height, Orientation & NPT Size)
- **PXDX** = Side Drill + Tenon w/ Additional Hand Hole (Specify Tenon OD & Length)

### Designation
- **VA-RTAH** = Round Tapered Alum. Hinged

### Length
- **8 to 20**

### Base OD
- **40** = 4”
- **30** = 3”
- **50** = 5”
- **40** = 4”
- **60** = 6”

### Top OD
- **C** = 0.125”
- **F** = 0.156”
- **D** = 0.188”

### Anchor Bolts
- **AB** = Incl
- **LAB** = Not Incl

### Finish Type
- **FP** = Finish Painted
- **SBF** = Satin Brushed

### Color
- **DB** = Dark Bronze
- **MB** = Medium Bronze
- **LG** = Light Gray
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- **PD** = 3” OD x 3” Long Tenon
- **P9** = Custom Size Tenon

### Other Options
- **PC** = Cap Only, No Side Drilling
- **PL** = Open Top, No Cap or Side Drilling

### Note: Please consult factory or your sales representative to verify options and accessories will work with your light pole part number.