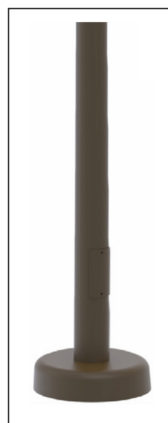
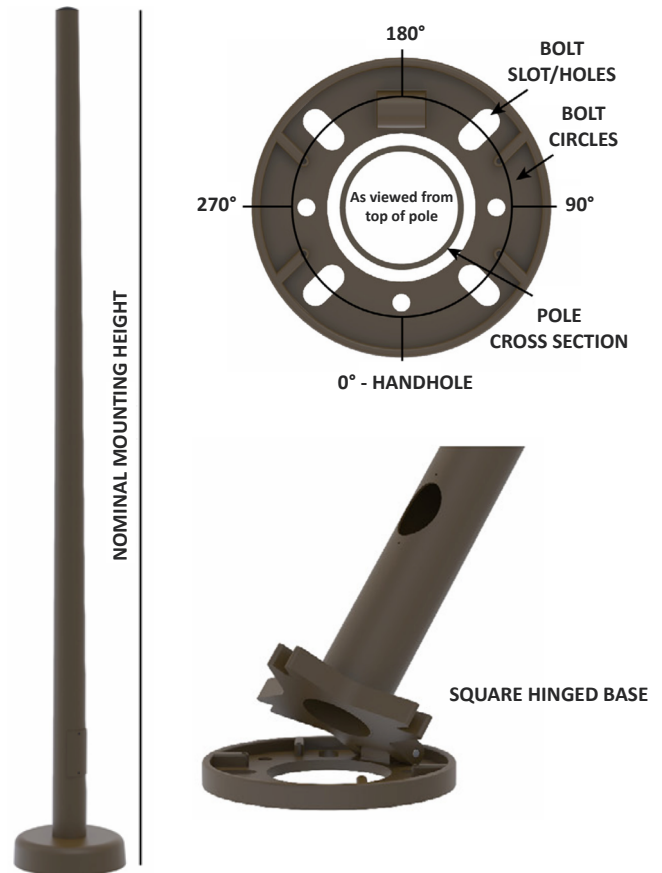


### SPECIFICATIONS

- **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.
- **HAND HOLE:** A covered hand hole with hardware and grounding provision are provided.
- **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.
- **POLE LENGTH:** The pole shaft is extruded and spun from seamless 6063-T6 aluminum. 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.
- **SURFACE TREATMENT:** All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.
- Single source manufacturing to ensure poles, bases, arms, and fixtures fit together and ship complete
- Designed, engineered, and manufactured in Jademar Lighting
- Performance coatings and custom color matching of RAL codes and architectural colors
- Custom products, configurations, options, and accessories available
- Meets Buy American and BABAA standards



TOP CAP



TENON TOP



VIBRATION DAMPENER



HANDHOLE COVER



FESTOON



NPT PIPE COUPLING



## PERFORMANCE DATA

| Base Model                  | 80mph w/ 1.3 Gust |                 | 90mph w/ 1.3 Gust |                 | 100mph w/ 1.3 Gust |                 | 110mph w/ 1.3 Gust |                 |
|-----------------------------|-------------------|-----------------|-------------------|-----------------|--------------------|-----------------|--------------------|-----------------|
|                             | Max EPA (sq ft)   | Max Weight (lb) | Max EPA (sq ft)   | Max Weight (lb) | Max EPA (sq ft)    | Max Weight (lb) | Max EPA (sq ft)    | Max Weight (lb) |
| JVA-RTAH-08-40-30-125-AB-FP | 8.5               | 50              | 6.6               | 50              | 5.2                | 50              | 4.1                | 50              |
| JVA-RTAH-10-40-30-125-AB-FP | 6.4               | 50              | 4.8               | 50              | 3.7                | 50              | 2.9                | 50              |
| JVA-RTAH-10-50-30-125-AB-FP | 12.3              | 50              | 9.5               | 50              | 7.5                | 50              | 6.1                | 50              |
| JVA-RTAH-12-40-30-125-AB-FP | 4.9               | 50              | 3.5               | 50              | 2.6                | 50              | 1.9                | 50              |
| JVA-RTAH-12-50-30-125-AB-FP | 9.9               | 50              | 7.5               | 50              | 5.8                | 50              | 4.6                | 50              |
| JVA-RTAH-12-50-30-156-AB-FP | 12.4              | 50              | 9.5               | 50              | 7.5                | 50              | 6                  | 50              |
| JVA-RTAH-12-50-30-188-AB-FP | 15                | 50              | 11.5              | 50              | 9.1                | 50              | 7.3                | 50              |
| JVA-RTAH-14-40-30-125-AB-FP | 3.6               | 50              | 2.5               | 50              | 1.7                | 50              | 1.1                | 50              |
| JVA-RTAH-14-50-30-125-AB-FP | 7.9               | 50              | 5.8               | 50              | 4.5                | 50              | 3.5                | 50              |
| JVA-RTAH-14-50-30-156-AB-FP | 10.1              | 50              | 7.6               | 50              | 5.9                | 50              | 4.6                | 50              |
| JVA-RTAH-14-50-30-188-AB-FP | 12.3              | 50              | 9.3               | 50              | 7.3                | 50              | 5.8                | 50              |
| JVA-RTAH-16-40-30-125-AB-FP | 2.5               | 50              | 1.5               | 50              | 0.9                | 50              | 0.5                | 50              |
| JVA-RTAH-16-50-30-125-AB-FP | 6                 | 50              | 4.4               | 50              | 3.2                | 50              | 2.4                | 50              |
| JVA-RTAH-16-50-30-156-AB-FP | 7.9               | 50              | 5.8               | 50              | 4.4                | 50              | 3.4                | 50              |
| JVA-RTAH-16-50-30-188-AB-FP | 9.7               | 75              | 7.3               | 75              | 5.6                | 75              | 4.4                | 75              |
| JVA-RTAH-16-60-40-156-AB-FP | 14                | 75              | 10.8              | 75              | 8.6                | 75              | 7                  | 75              |
| JVA-RTAH-16-60-40-188-AB-FP | 17.1              | 75              | 13.2              | 75              | 10.5               | 75              | 8.6                | 75              |
| JVA-RTAH-18-50-30-125-AB-FP | 4.5               | 50              | 3.2               | 50              | 2.2                | 50              | 1.6                | 50              |
| JVA-RTAH-18-50-30-156-AB-FP | 6.1               | 75              | 4.4               | 75              | 3.2                | 75              | 2.4                | 75              |
| JVA-RTAH-18-50-30-188-AB-FP | 7.7               | 75              | 5.6               | 75              | 4.2                | 75              | 3.3                | 75              |
| JVA-RTAH-18-60-40-156-AB-FP | 11.4              | 75              | 8.6               | 75              | 6.8                | 75              | 5.5                | 75              |
| JVA-RTAH-18-60-40-188-AB-FP | 14                | 75              | 10.8              | 75              | 8.5                | 75              | 6.9                | 75              |
| JVA-RTAH-20-50-30-125-AB-FP | 3.4               | 75              | 2.2               | 75              | 1.4                | 75              | 0.8                | 75              |
| JVA-RTAH-20-50-30-156-AB-FP | 4.8               | 75              | 3.3               | 75              | 2.3                | 75              | 1.6                | 75              |
| JVA-RTAH-20-50-30-188-AB-FP | 6.2               | 75              | 4.4               | 75              | 3.1                | 75              | 2.3                | 75              |
| JVA-RTAH-20-60-40-156-AB-FP | 9.2               | 75              | 6.9               | 75              | 5.3                | 75              | 4.3                | 75              |
| JVA-RTAH-20-60-40-188-AB-FP | 11.5              | 75              | 8.7               | 75              | 6.8                | 75              | 5.5                | 75              |

1. The total combined EPA and weight of all fixtures, brackets, and other 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 around standard commercial criteria (with 1.3 second gust factor) and AASHTO standards. Specific light pole design standards are available from factory.
3. Custom products, configurations, options, and accessories available from factory.
4. Satisfactory performance of light poles is dependent upon the structure being properly attached to a supporting foundation of adequate design.  
"+" indicates a vibration dampener is standard.



# JVA-RTAH ROUND TAPERED ALUMINUM ANCHOR BASE (HINGED)

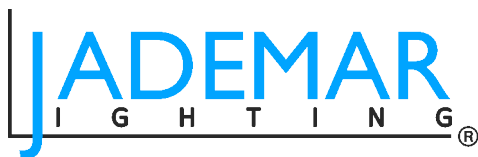
## PERFORMANCE DATA

| Base Model                  | Pole Dimensions         |             |              |                 | Base Plate             |                           | Anchor Bolts         |                          |                 |
|-----------------------------|-------------------------|-------------|--------------|-----------------|------------------------|---------------------------|----------------------|--------------------------|-----------------|
|                             | Nominal Mounting Height | Top OD (in) | Base OD (in) | Wall Thick (in) | Structural Weight (lb) | Bolt Circle Diameter (in) | Sq (in) x Thick (in) | Dia x Length x Hook (in) | Projection (in) |
| JVA-RTAH-08-40-30-125-AB-FP | 8'-0"                   | 3           | 4            | 0.125           | 17                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-10-40-30-125-AB-FP | 10'-0"                  | 3           | 4            | 0.125           | 20                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-10-50-30-125-AB-FP | 10'-0"                  | 3           | 5            | 0.125           | 24                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-12-40-30-125-AB-FP | 12'-0"                  | 3           | 4            | 0.125           | 23                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-12-50-30-125-AB-FP | 12'-0"                  | 3           | 5            | 0.125           | 26                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-12-50-30-156-AB-FP | 12'-0"                  | 3           | 5            | 0.156           | 31                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-12-50-30-188-AB-FP | 12'-0"                  | 3           | 5            | 0.188           | 36                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-14-40-30-125-AB-FP | 14'-0"                  | 3           | 4            | 0.125           | 27                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-14-50-30-125-AB-FP | 14'-0"                  | 3           | 5            | 0.125           | 31                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-14-50-30-156-AB-FP | 14'-0"                  | 3           | 5            | 0.156           | 37                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-14-50-30-188-AB-FP | 14'-0"                  | 3           | 5            | 0.188           | 43                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-40-30-125-AB-FP | 16'-0"                  | 3           | 4            | 0.125           | 30                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-50-30-125-AB-FP | 16'-0"                  | 3           | 5            | 0.125           | 35                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-50-30-156-AB-FP | 16'-0"                  | 3           | 5            | 0.156           | 42                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-50-30-188-AB-FP | 16'-0"                  | 3           | 5            | 0.188           | 50                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-60-40-156-AB-FP | 16'-0"                  | 4           | 6            | 0.156           | 53                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-16-60-40-188-AB-FP | 16'-0"                  | 4           | 6            | 0.188           | 62                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-18-50-30-125-AB-FP | 18'-0"                  | 3           | 5            | 0.125           | 40                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-18-50-30-156-AB-FP | 18'-0"                  | 3           | 5            | 0.156           | 48                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-18-50-30-188-AB-FP | 18'-0"                  | 3           | 5            | 0.188           | 56                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-18-60-40-156-AB-FP | 18'-0"                  | 4           | 6            | 0.156           | 59                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-18-60-40-188-AB-FP | 18'-0"                  | 4           | 6            | 0.188           | 70                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-20-50-30-125-AB-FP | 20'-0"                  | 3           | 5            | 0.125           | 42                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-20-50-30-156-AB-FP | 20'-0"                  | 3           | 5            | 0.156           | 51                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-20-50-30-188-AB-FP | 20'-0"                  | 3           | 5            | 0.188           | 60                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-20-60-40-156-AB-FP | 20'-0"                  | 4           | 6            | 0.156           | 63                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |
| JVA-RTAH-20-60-40-188-AB-FP | 20'-0"                  | 4           | 6            | 0.188           | 74                     | 8.5 - 10                  | 12.63 x 0.75         | 0.75 x 17.00 x 3.00      | 3.5             |

1. The total combined EPA and weight of all fixtures, brackets, and other attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole.
2. Custom products, configurations, options, and accessories available from factory.
3. Satisfactory performance of light poles is dependent upon the structure being properly attached to a supporting foundation of adequate design.

"+" indicates a vibration dampener is standard.





# JVA-RTAH ROUND TAPERED ALUMINUM ANCHOR BASE (HINGED)

## JVA-RTAH ROUND TAPERED ALUMINUM ANCHOR BASE (HINGED)

ORDERING INFORMATION / Example: **JVA-RTAH-20-40-40-125-AB-SBF-BK-PL-BABAA**

| JVA-RTAH       | Length                                  | Pole Base OD                        | Pole Top OD                         | Wall Thickness                                  | Anchor Bolts                                  |
|----------------|-----------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-----------------------------------------------|
| Product Series | Length                                  | Pole Base OD                        | Pole Top OD                         | Wall Thickness                                  | Anchor Bolts                                  |
| JVA-RTAH       | 8-20 08-20'                             | 40 4"                               | 30 3"                               | 125 0.125"                                      | AB Include Anchor Bolts                       |
| CC             | Custom (Special Order)*                 | 50 5"                               | 40 4"                               | 156 0.156"                                      | LAB Less Anchor Bolts                         |
|                | * Replace the "CC" with a custom Length | 60 6"                               | CC Custom (Special Order)*          | 188 0.188"                                      | CC Custom (Special Order)*                    |
|                |                                         | CC Custom (Special Order)*          | * Replace the "CC" with a custom OD | CC Custom (Special Order)*                      | * Replace the "CC" with a custom Anchor Bolts |
|                |                                         | * Replace the "CC" with a custom OD |                                     | * Replace the "CC" with a custom Wall Thickness |                                               |

| Finish Type                | Finish Color                              | Fixture Mounting                            | Other Options                     |
|----------------------------|-------------------------------------------|---------------------------------------------|-----------------------------------|
| FP Finished Painted        | DB Dark Bronze (Standard)                 | PC Cap Only, No Side Drilling               | Blank Not BAA/BAA                 |
| SBF Satin Brushed          | MB Medium Bronze (Standard)               | PL Open Top, No Cap                         | BAA Buy American Act*             |
| CC Custom (Special Order)* | BK Black (Standard)                       | D1 Drill Single                             | BABAA Build America, Buy America* |
|                            | WH White (Standard)                       | D2 Drill 2@180                              | * Selected SKUs Only              |
|                            | LG Light Gray (Standard)                  | D3 Drill 3@120                              |                                   |
|                            | SG Slate Gray (Standard)                  | D4 Drill 4@90                               |                                   |
|                            | DG Dark Green (Standard)                  | D5 Drill 2@90                               |                                   |
|                            | SL Silver (Standard)                      | D6 Drill 3@90                               |                                   |
|                            | NA Natural Aluminum Paint (Standard)      | P1 4" OD x 5" Long Tenon                    |                                   |
|                            | SSA Satin Silver Anodized                 | P2 2.38" OD x 4" Long Tenon                 |                                   |
|                            | BZA Bronze Anodized                       | P3 3.50" OD x 6" Long Tenon                 |                                   |
|                            | BKA Black Anodized                        | P4 4" OD x 6" Long Tenon                    |                                   |
|                            | CC Custom (Special Order)*                | P5 2.88" OD x 4" Long Tenon                 |                                   |
|                            | * Replace the "CC" with a custom RAL Code | P6 2.88" OD x 5" Long Tenon                 |                                   |
|                            |                                           | P7 2.38" OD x 5" Long Tenon                 |                                   |
|                            |                                           | PQ 2.38" OD x 12" Long Tenon                |                                   |
|                            |                                           | PD 3" OD x 3" Long Tenon                    |                                   |
|                            |                                           | CC Custom (Special Order)*                  |                                   |
|                            |                                           | * Replace the "CC" with a custom size Tenon |                                   |

## OPTIONS

|       |                                                                             |
|-------|-----------------------------------------------------------------------------|
| SPL   | Special Cut Length (Please Specify)                                         |
| VDA   | Internal Vibration Dampener, Factory Installed                              |
| VDF   | Internal Vibration Dampener, Field Installable                              |
| PXDX  | Side Drill + Tenon w/ Additional Hand Hole (Specify Tenon OD & Length)      |
| HHU   | Additional Unreinforced Hand Hole Opening w/ Cover Assembly                 |
| HHR   | Additional Reinforced Hand Hole Opening w/ Cover Assembly                   |
| ULHH  | UL Compliant Hand Hole                                                      |
| NECHH | NEC 410.30 Compliant Hand Hole & Cover                                      |
| FST   | Festoon Provision, Electrical by Others (Specify Pole Height & Orientation) |
| CPL   | NPT Pipe Coupling (Specify Pole Height, Orientation, & NPT Size)            |

## ACCESSORIES

|         |                                                |
|---------|------------------------------------------------|
| STAMP   | Engineering Services, Signed & Sealed Calcs    |
| STAMPCA | Engineering Services, CA Signed & Sealed Calcs |
| PRE075  | Pre-Ship Anchor Bolts - 0.75" x 17" x 3"       |



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Information contained herein is subject to change without notice.

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