

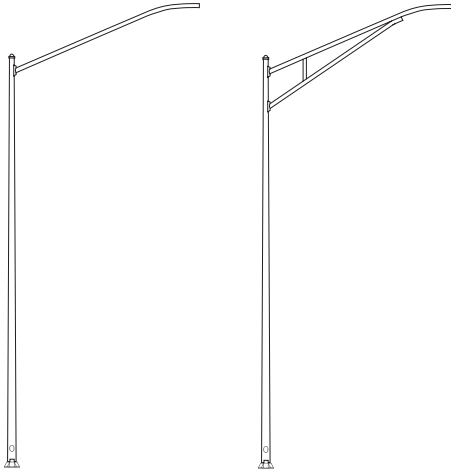
## Roadway Lighting Poles

Round Tapered Aluminum (RTA)  
20' to 40' (6m to 12m)

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Notes \_\_\_\_\_



**Mounting SA**  
(Pole with Single Member Arm) Figure 1

**Mounting TA**  
(Pole with Truss Arm) Figure 2

| SPECIFICATION FEATURES   |
|--|
| • Round Tapered Aluminum Shaft   |
| • Satin Ground Finish  |
| • Shaft Lengths from 20 to 40 feet   |
| • Choices include 1-4 arms   |
| • Single Member or Truss Arms included   |
| • Anchor bolts can be shipped either with pole or separately (if separate, please make the request at time of order) |

### Ordering Number Logic (See Pole Selection Table for actual Ordering Numbers)

**R R T A**

| PRODUCT TYPE | POLE CROSS SECTION | SHAFT SHAPE | POLE MATERIAL | NOMINAL MOUNTING HEIGHT (FT) | MOUNTING  | ARM LENGTH (FT)/ NUMBER | SHAFT DIMENSIONS   |             | WALL THICKNESS (IN) | OPTIONS   |
|--------------|--------------------|-------------|---------------|------------------------------|---|-------------------------|--------------------|-------------|---------------------|---|
|              |                    |             |               |                              |   |                         | BOOM SHAFT OD (in) | TOP OD (in) |                     |   |
| R = Roadway  | R = Round          | T = Tapered | A = Aluminum  | 20 = 20                      | SA = Single Member Arm  | 4S = One 4' Arm         | 6.5 = 6.5          | 1 = 4.5     | B = 0.188           | E = Electrical Festoon Box  |
|              |                    |             |               | 25 = 25                      | TA = Truss Arm  | 6S = One 6' Arm         | 7.0 = 7.0          | 2 = 6.0     | C = 0.219           |   |
|              |                    |             |               | 30 = 30                      |   | 8S = One 8' Arm         | 8.0 = 8.0          |             | D = 0.250           |   |
|              |                    |             |               | 35 = 35                      |   | 10S = One 10' Arm       | 10.0 = 10.0        |             | E = 0.312           |   |
|              |                    |             |               | 40 = 40                      |   | 12S = One 12' Arm       |                    |             | F = 0.156           |   |
|              |                    |             |               |                              |   | 15S = One 15' Arm       |                    |             |                     |   |
|              |                    |             |               |                              |   | 4D = Two 4' Arms        |                    |             |                     |   |
|              |                    |             |               |                              |   | 6D = Two 6' Arms        |                    |             |                     |   |
|              |                    |             |               |                              |   | 8D = Two 8' Arms        |                    |             |                     |   |
|              |                    |             |               |                              |   | 10D = Two 10' Arms      |                    |             |                     |   |
|              |                    |             |               |                              |   | 12D = Two 12' Arms      |                    |             |                     |   |
|              |                    |             |               |                              |   | 15D = Two 15' Arms      |                    |             |                     |   |
|              |                    |             |               |                              |   | 6T = Three 6' Arms      |                    |             |                     |   |
|              |                    |             |               |                              |   | 6Q = Four 6' Arms       |                    |             |                     |   |
|              |                    |             |               |                              | <b>NOTE: Arms are included with poles; two arms at 180°, three at 120°, and four at 90°</b> |                         |                    |             |                     | <b>NOTE: If this option is required add E to ordering number listed in Pole Section Table</b> |

**NOTE:** All poles with anchor bolts need to be entered as 2 line items:

- The line item for the Pole ONLY, will be the corresponding pole SKU + "-LAB" (Less Anchor Bolts). Example: ASSA10XX4ADB-LAB
- The line item for the Anchor Bolts and Anchor Bolt Template ONLY, will be the corresponding pole SKU + "-BOLT." Example: ASSA10XX4ADB-BOLT

# ROADWAY LIGHTING POLES : Round Tapered Aluminum (RTTA)

20' to 40' feet | (6 to 12 meters)

## Pole Selection Table

| ORDERING NUMBER   | ARM TYPE                   | NOMINAL MOUNTING HEIGHT (FT) | ARM LENGTH (FT) | NUMBER OF ARMS | EA* WEIGHT (LBS) | EFFECTIVE PROJECTED AREA (SQ FT) |        |         | BOTTOM OD X TOP OD X LENGTH X THICKNESS (In X In X Ft-In X In) | APPROX WEIGHT (LBS) |
|-------------------|----------------------------|------------------------------|-----------------|----------------|------------------|----------------------------------|--------|---------|--|---------------------|
|                   |                            |                              |                 |                |                  | 80 MPH                           | 90 MPH | 100 MPH |  |                     |
| RRTA20SA4S6.01F   | Single Member Arm (Fig. 1) | 20                           | 4               | 1              | 75               | 1.5                              | 1.5    | 1.5     | 6.0X4.5X18-0X0.156   | 75                  |
| RRTA20SA6S6.01F   | Single Member Arm (Fig. 1) | 20                           | 6               | 1              | 71               | 1.5                              | 1.5    | 1.5     | 6.0X4.5X18-0X0.156   | 80                  |
| RRTA20SA4D6.01B   | Single Member Arm (Fig. 1) | 20                           | 4               | 2              | 75               | 1.5                              | 1.5    | 1.5     | 6.0X4.5X18-0X0.188   | 85                  |
| RRTA20SA6D6.01B   | Single Member Arm (Fig. 1) | 20                           | 6               | 2              | 71               | 1.5                              | 1.2    | 0.7     | 6.0X4.5X18-0X0.188   | 105                 |
| RRTA25SA4S6.01F   | Single Member Arm (Fig. 1) | 25                           | 4               | 1              | 75               | 1.5                              | 1.5    | 1.5     | 6.0X4.5X23-0X0.156   | 854                 |
| RRTA25SA6S6.01B   | Single Member Arm (Fig. 1) | 25                           | 6               | 1              | 71               | 1.5                              | 1.5    | 1.5     | 6.0X4.5X23-0X0.188   | 904                 |
| RRTA25SA8S6.01B   | Single Member Arm (Fig. 1) | 25                           | 8               | 1              | 53               | 1.5                              | 1.2    | 0.7     | 6.0X4.5X23-0X0.188   | 954                 |
| RRTA25SA4D6.01B   | Single Member Arm (Fig. 1) | 25                           | 4               | 2              | 75               | 1.5                              | 1.2    | 0.7     | 6.0X4.5X23-0X0.188   | 130                 |
| RRTA25SA6D7.01B   | Single Member Arm (Fig. 1) | 25                           | 6               | 2              | 71               | 1.5                              | 1.2    | 0.7     | 7.0X4.5X23-0X0.188   | 125                 |
| RRTA25SA8D7.01B   | Single Member Arm (Fig. 1) | 25                           | 8               | 2              | 53               | 1.5                              | 1.2    | -       | 7.0X4.5X23-0X0.188   | 130                 |
| RRTA25SA6T7.01B   | Single Member Arm (Fig. 1) | 25                           | 6               | 3              | 71               | 1.5                              | 1.5    | 0.7     | 7.0X4.5X23-0X0.188   | 146                 |
| RRTA25SA6Q7.01B   | Single Member Arm (Fig. 1) | 25                           | 6               | 4              | 71               | 1.2                              | 1.2    | 0.7     | 7.0X4.5X23-0X0.188   | 155                 |
| RRTA30SA4S7.01F   | Single Member Arm (Fig. 1) | 30                           | 4               | 1              | 75               | 1.5                              | 1.5    | 1.5     | 7.0X4.5X28-0X0.156   | 137                 |
| RRTA30SA6S7.01F   | Single Member Arm (Fig. 1) | 30                           | 6               | 1              | 71               | 1.5                              | 1.5    | 1.0     | 7.0X4.5X28-0X0.156   | 140                 |
| RRTA30SA8S7.01B   | Single Member Arm (Fig. 1) | 30                           | 8               | 1              | 53               | 1.5                              | 1.2    | 0.7     | 7.0X4.5X28-0X0.188   | 143                 |
| RRTA30SA8S8.01F   | Single Member Arm (Fig. 1) | 30                           | 8               | 1              | 60               | 1.5                              | 1.5    | 1.5     | 8.0X4.5X28-0X0.156   | 150                 |
| RRTA30SA4D7.01B   | Single Member Arm (Fig. 1) | 30                           | 4               | 2              | 75               | 1.5                              | 1.5    | 0.7     | 7.0X4.5X28-0X0.188   | 147                 |
| RRTA30SA6D8.01B   | Single Member Arm (Fig. 1) | 30                           | 6               | 2              | 71               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X28-0X0.188   | 155                 |
| RRTA30SA8D8.01B   | Single Member Arm (Fig. 1) | 30                           | 8               | 2              | 53               | 1.5                              | 1.2    | -       | 8.0X4.5X28-0X0.188   | 160                 |
| RRTA30SA8D8.01C   | Single Member Arm (Fig. 1) | 30                           | 8               | 2              | 75               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X28-0X0.219   | 180                 |
| RRTA30SA6T8.01B   | Single Member Arm (Fig. 1) | 30                           | 6               | 3              | 71               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X28-0X0.188   | 176                 |
| RRTA30SA6Q8.01B   | Single Member Arm (Fig. 1) | 30                           | 6               | 4              | 71               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X28-0X0.188   | 185                 |
| RRTA35SA6S8.01B   | Single Member Arm (Fig. 1) | 35                           | 6               | 1              | 71               | 1.5                              | 1.5    | 1.5     | 8.0X4.5X33-0X0.188   | 145                 |
| RRTA35SA8S8.01B   | Single Member Arm (Fig. 1) | 35                           | 8               | 1              | 53               | 1.5                              | 1.2    | 0.7     | 8.0X4.5X33-0X0.188   | 150                 |
| RRTA35SA8S8.01C   | Single Member Arm (Fig. 1) | 35                           | 8               | 1              | 60               | 1.5                              | 1.5    | 1.5     | 8.0X4.5X33-0X0.219   | 150                 |
| RRTA35SA6D8.01C   | Single Member Arm (Fig. 1) | 35                           | 6               | 2              | 71               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X33-0X0.219   | 205                 |
| RRTA35SA8D8.01C   | Single Member Arm (Fig. 1) | 35                           | 8               | 2              | 53               | 1.5                              | 0.7    | -       | 8.0X4.5X33-0X0.219   | 220                 |
| RRTA35SA8D8.01D   | Single Member Arm (Fig. 1) | 35                           | 8               | 2              | 75               | 1.5                              | 1.2    | -       | 8.0X4.5X33-0X0.250   | 255                 |
| RRTA35SA6T8.01D   | Single Member Arm (Fig. 1) | 35                           | 6               | 3              | 71               | 1.5                              | 1.5    | 1.2     | 8.0X4.5X33-0X0.250   | 278                 |
| RRTA35SA6Q8.01D   | Single Member Arm (Fig. 1) | 35                           | 6               | 4              | 71               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X33-0X0.250   | 205                 |
| RRTA40SA6S8.01B   | Single Member Arm (Fig. 1) | 40                           | 6               | 1              | 68               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X38-0X0.188   | 205                 |
| RRTA40SA8S8.01B   | Single Member Arm (Fig. 1) | 40                           | 8               | 1              | 53               | 1.5                              | 1.2    | -       | 8.0X4.5X38-0X0.188   | 274                 |
| RRTA40SA8S8.01C   | Single Member Arm (Fig. 1) | 40                           | 8               | 1              | 68               | 1.5                              | 1.5    | 1.2     | 8.0X4.5X38-0X0.219   | 225                 |
| RRTA40SA6D10.02B  | Single Member Arm (Fig. 1) | 40                           | 6               | 2              | 71               | 1.5                              | 1.5    | -       | 10.0X6.0X38-0X0.188  | 235                 |
| RRTA40SA8D10.02B  | Single Member Arm (Fig. 1) | 40                           | 8               | 2              | 53               | 1.5                              | 1.2    | -       | 10.0X6.0X38-0X0.188  | 325                 |
| RRTA40SA8D10.02C  | Single Member Arm (Fig. 1) | 40                           | 8               | 2              | 75               | 1.5                              | 1.5    | 0.7     | 10.0X6.0X38-0X0.219  | 275                 |
| RRTA40SA6T10.02B  | Single Member Arm (Fig. 1) | 40                           | 6               | 3              | 71               | 1.5                              | 1.5    | -       | 10.0X6.0X38-0X0.188  | 320                 |
| RRTA40SA6Q10.02B  | Single Member Arm (Fig. 1) | 40                           | 6               | 4              | 71               | 1.5                              | 1.5    | -       | 10.0X6.0X38-0X0.188  | 332                 |
| RRTA25TA10S8.01F  | Truss Arm (Fig. 2)         | 25                           | 10              | 1              | 68               | 1.5                              | 1.5    | 1.2     | 8.0X4.5X22-2X0.156   | 140                 |
| RRTA25TA12S8.01B  | Truss Arm (Fig. 2)         | 25                           | 12              | 1              | 62               | 1.5                              | 1.5    | 1.2     | 8.0X4.5X22-2X0.188   | 150                 |
| RRTA30TA10S8.01F  | Truss Arm (Fig. 2)         | 30                           | 10              | 1              | 60               | 1.5                              | 1.2    | 0.7     | 8.0X4.5X27-2X0.156   | 165                 |
| RRTA30TA12S8.02B  | Truss Arm (Fig. 2)         | 30                           | 12              | 1              | 47               | 1.5                              | 1.5    | 0.7     | 8.0X4.5X27-2X0.188   | 170                 |
| RRTA30TA12S8.02B  | Truss Arm (Fig. 2)         | 30                           | 12              | 1              | 75               | 1.5                              | 1.5    | 0.7     | 8.0X6.0X27-2X0.188   | 180                 |
| RRTA35TA12S8.01B  | Truss Arm (Fig. 2)         | 35                           | 12              | 1              | 53               | 1.5                              | 1.5    | -       | 8.0X4.5X32-2X0.188   | 185                 |
| RRTA30TA15S8.02B  | Truss Arm (Fig. 2)         | 30                           | 15              | 1              | 75               | 1.5                              | 1.5    | -       | 8.0X6.0X27-2X0.188   | 190                 |
| RRTA25TA10D8.01C  | Truss Arm (Fig. 2)         | 25                           | 10              | 2              | 75               | 1.5                              | 1.5    | 1.2     | 8.0X4.5X22-2X0.219   | 190                 |
| RRTA35TA10S8.02B  | Truss Arm (Fig. 2)         | 35                           | 10              | 1              | 68               | 1.2                              | 0.7    | -       | 8.0X6.0X32-2X0.188   | 205                 |
| RRTA35TA12S8.02B  | Truss Arm (Fig. 2)         | 35                           | 12              | 1              | 75               | 1.5                              | 1.2    | -       | 8.0X6.0X32-2X0.188   | 205                 |
| RRTA25TA12D8.01C  | Truss Arm (Fig. 2)         | 25                           | 12              | 2              | 75               | 1.6                              | 1.5    | -       | 8.0X4.5X22-2X0.219   | 205                 |
| RRTA30TA12D8.01D  | Truss Arm (Fig. 2)         | 30                           | 12              | 2              | 75               | 1.5                              | 1.2    | -       | 8.0X4.5X27-2X0.250   | 220                 |
| RRTA35TA15S8.02C  | Truss Arm (Fig. 2)         | 35                           | 15              | 1              | 75               | 1.5                              | 1.2    | -       | 8.0X6.0X32-2X0.219   | 240                 |
| RRTA30TA12D8.02D+ | Truss Arm (Fig. 2)         | 30                           | 12              | 2              | 75               | 1.5                              | 1.5    | 1.5     | 8.0X4.5X27-2X0.250+  | 240                 |
| RRTA30TA10D8.01D  | Truss Arm (Fig. 2)         | 30                           | 10              | 2              | 75               | 1.5                              | 1.2    | 0.7     | 8.0X4.5X27-2X0.250   | 250                 |
| RRTA35TA12D8.01D+ | Truss Arm (Fig. 2)         | 35                           | 12              | 2              | 75               | 1.5                              | 1.5    | -       | 8.0X4.5X32-2X0.250+  | 255                 |
| RRTA40TA12S8.01D  | Truss Arm (Fig. 2)         | 40                           | 12              | 1              | 53               | 1.5                              | 1.5    | -       | 8.0X4.5X37-2X0.250   | 260                 |
| RRTA30TA15D8.01D+ | Truss Arm (Fig. 2)         | 30                           | 15              | 2              | 75               | 1.5                              | 1.5    | -       | 8.0X4.5X27-2X0.250+  | 260                 |
| RRTA35TA15S8.02D  | Truss Arm (Fig. 2)         | 35                           | 15              | 1              | 75               | 1.5                              | 1.5    | -       | 8.0X6.0X32-2X0.250   | 265                 |
| RRTA35TA10D10.02B | Truss Arm (Fig. 2)         | 35                           | 10              | 2              | 75               | 1.5                              | 1.5    | -       | 10.0X6.0X32-2X0.188  | 270                 |
| RRTA40TA15S10.02D | Truss Arm (Fig. 2)         | 40                           | 15              | 1              | 75               | 1.6                              | 1.5    | -       | 10.0X6.0X37-2X0.250  | 275                 |
| RRTA40TA10S8.02D  | Truss Arm (Fig. 2)         | 40                           | 10              | 1              | 75               | 1.5                              | 1.5    | -       | 8.0X6.0X37-2X0.250   | 280                 |
| RRTA40TA12S8.02D  | Truss Arm (Fig. 2)         | 40                           | 12              | 1              | 75               | 1.5                              | 1.5    | -       | 8.0X6.0X37-2X0.250   | 295                 |
| RRTA35TA15S10.02D | Truss Arm (Fig. 2)         | 35                           | 15              | 2              | 75               | 1.5                              | 1.5    | -       | 10.0X6.0X32-2X0.250  | 330                 |
| RRTA40TA12S10.02D | Truss Arm (Fig. 2)         | 40                           | 12              | 2              | 75               | 1.5                              | 1.2    | -       | 10.0X6.0X37-2X0.250  | 360                 |
| RRTA40TA10S10.02D | Truss Arm (Fig. 2)         | 40                           | 10              | 2              | 75               | 1.5                              | 1.5    | -       | 10.0X6.0X37-2X0.250  | 370                 |
| RRTA40TA15S10.02D | Truss Arm (Fig. 2)         | 40                           | 15              | 2              | 75               | 1.5                              | -      | -       | 10.0X6.0X37-2X0.250  | 460                 |

\* EA = Each Arm



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