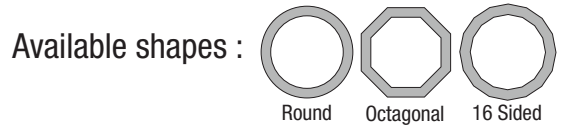


# ED Series

## Detachable Arm DAVIT



### • Equipment and Specifications

The "ED" series includes 4', 6', 8', 9' or 10' luminaire arm(s), anchor bolts, anchor base, hand hole with cover and plastic anchor nut covers.

All EPA calculations conform to AASHTO 2001 design criteria.

Weights do not include the anchor bolts.

### • Finish

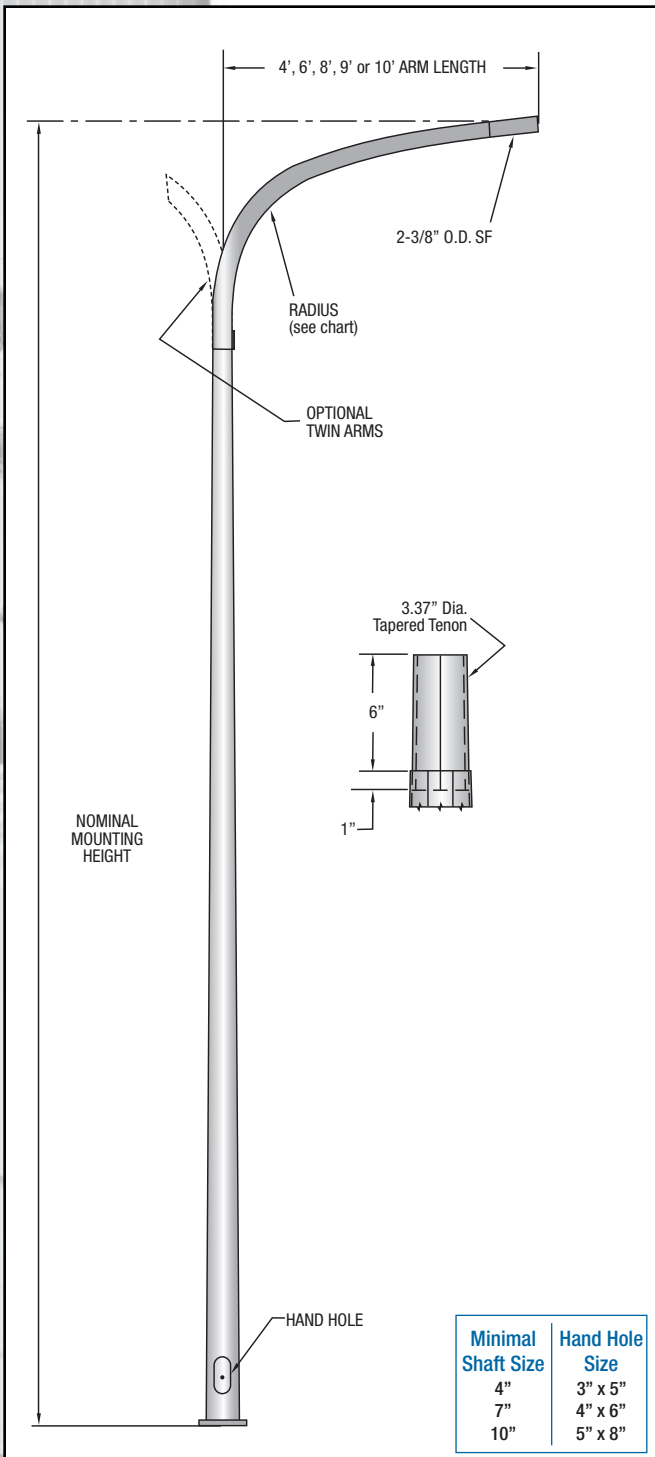
Standard finish is hot dipped galvanized as per ASTM123 standards, optional coatings include Ultrabond II paint finish or Ultrabond II paint on galvanized finish. The Ultrabond II paint finish is a very high corrosion resistant finish that offers three times greater resistance to corrosion than traditional powder coat paint. The finish also features a high impact surface, excellent graffiti resistance and can be field repaired to factory specifications with only a paint brush.

### • Options

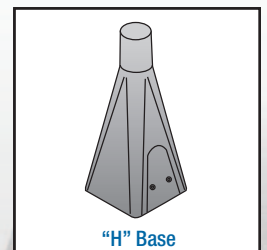
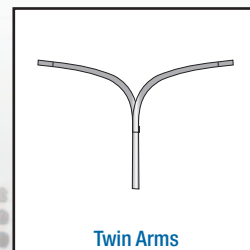
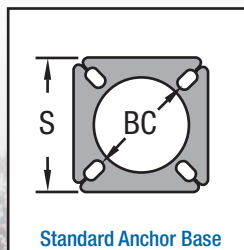
- Aluminum breakaway bases in 9", 17" or 20"
- Breakaway couplings
- Full base covers
- Receptacle outlet
- Refer to the accessories section for further options

#### Arm Length & Radius Shaft

Arm Length	Arm Radius
4' to 10'	24"



Minimal Shaft Size	Hand Hole Size
4"	3" x 5"
7"	4" x 6"
10"	5" x 8"



## Ordering Information

<b>R</b>	<b>ED</b>	<b>H</b>	<b>-</b>	<b>30</b>	<b>-</b>	<b>10</b>	<b>1</b>	<b>-</b>	<b>HB</b>	<b>GV</b>
1	2	3		4		5	6		7	8

### 1 SHAFT SHAPE

R = Round  
O = Octagonal  
S = 16 sided

### 2 SERIES

ED = "ED" Series

### 3 SHAFT STRENGTH

Blank = Standard Duty  
H = Heavy Duty (includes "H" Base)

### 4 MOUNTING HEIGHT

25 = 25'  
30 = 30'  
35 = 35'  
40 = 40'  
50 = 50'

### 5 ARM LENGTH

4 = 4'  
6 = 6'  
8 = 8'  
9 = 9'  
10 = 10'

### 6 # OF ARMS

1 = Single  
2 = Double

### 7 BASE TYPE

AB = Anchor Base Plate  
HB = Enclosed "H" Base  
DB = Direct Burial

### 8 FINISH OPTIONS

GV = Galvanized  
SW = Self Weathering  
SS = Stainless Steel  
(Consult Factory for EPA)

BK = Black  
BZ = Bronze  
WH = White  
XX = Special Color (Specify)

## Selection Guide

### Round Tapered Shaft

Catalogue Number	Nominal Mounting Height feet	Pole Size				Anchor Base Detail				Pole Weight Approx. lbs	E.P.A.		
		Base O.D. feet	Top O.D. inch	Tenon O.D. inch	Max Arm Length feet	BC inch	S inch	A/Bolts inch	Thickness inch		90 MPH	100 MPH	110 MPH
RED-25-XXX-AB-XX	25	6.92	3.91	2-3/8	10	10	10.5	1 x 40	3/4	203	12.8	7.0	3.0
RED-30-XXX-AB-XX	30	7.55	3.84	2-3/8	10	10-1/2	11	1 x 40	1	247	9.0	4.3	1.9
RED-35-XXX-AB-XX	35	8.37	3.96	2-3/8	10	11-1/2	12	1 x 40 HS	1	311	12.1	8.1	4.5
RED-40-XXX-AB-XX	40	9.2	4.09	2-3/8	10	12-1/2	13	1 x 40 HS	1	375	10.5	5.1	2.4
RED-50-XXX-AB-XX	50	10.38	3.87	2-3/8	10	13-1/2	14	1 x 40 HS	1	490	6.4	2.0	-

### Octagonal Tapered Shaft

Catalogue Number	Nominal Mounting Height feet	Pole Size				Anchor Base Detail				Pole Weight Approx. lbs	E.P.A.		
		Base O.D. feet	Top O.D. inch	Tenon O.D. inch	Max Arm Length feet	BC inch	S inch	A/Bolts inch	Thickness inch		90 MPH	100 MPH	110 MPH
OED-25-XXX-AB-XX	25	7	4	2-3/8	10	11	10-3/4	1 x 40	3/4	200	11.4	5.5	2.0
OEDH-25-XXX-HB-XX	25	7	4	2-3/8	10	15	15-1/2	1 x 40	3/4	231	20.6	12.1	7.3
OED-30-XXX-AB-XX	30	8.6	4	2-3/8	10	11	10-3/4	1 x 40	3/4	256	8.9	3.2	-
OEDH-30-XXX-HB-XX	30	8.6	4	2-3/8	10	15	15-1/2	1 x 40	3/4	296	15.4	7.6	3.1
OED-35-XXX-AB-XX	35	8.6	4	2-3/8	10	12	11-5/8	1 x 40 HS	1	304	12.7	5.4	1.2
OEDH-35-XXX-HB-XX	35	8.6	4	2-3/8	10	15	15-1/2	1 x 40 HS	1	335	19.8	10.7	5.2
OED-40-XXX-AB-XX	40	9.6	4	2-3/8	10	11	12-3/4	1 x 40 HS	1	369	9.5	2.7	-
OEDH-40-XXX-HB-XX	40	9.6	4	2-3/8	10	15	15-1/2	1 x 40 HS	1	402	14.8	6.2	1.3
OED-50-XXX-AB-XX	50	10.6	4	2-3/8	10	12	14-1/2	1 x 40 HS	1-1/4	497	11.3	3.2	-
OEDH-50-XXX-HB-XX	50	10.6	4	2-3/8	10	15	15-1/2	1 x 40 HS	1-1/4	528	13.2	7.0	-

XX = Replace by ARM and FINISH selection.

NOTE: All EPA calculations are for SINGLE arm, consult factory for double arm EPA's