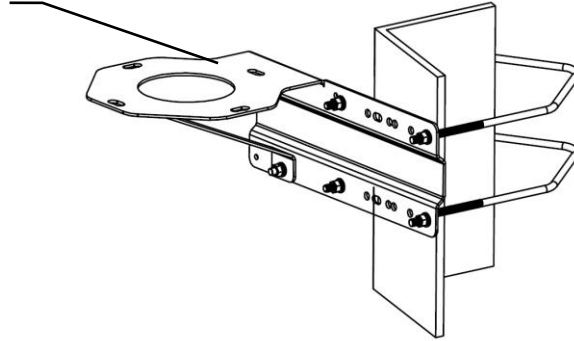


# AMP-S-VB Mounting Bracket for REDDOT obstruction lights

Applicable for: F864/F86465/F865/OLS/OLIS/FS810/OMS2K

AMP\*-S-VB-390  
mounting kit



## OVERVIEW

Compared to AMP-VB, AMP-S-VB series mounting bracket with a trapezoid support plate is capable of supporting heavy obstruction lighting models (OLS/OLIS/FS810/OMS2K series solar OB lights), and better wind-resistant for F864/F86465/F865 medium intensity obstruction lights.

The bracket design of perpendicular backplate with U-bolt holders allows users to mount obstruction lights onto skeletal structures, such as telecom towers, transmission towers.

Made of SS304, AMP bracket kit is robust against corrosion and harsh environment.

Three sizes of U-bolt holders are capable of suiting length 40-125mm angular structures or diameter 42-150mm tubular structures.

## FEATURES

- SS304 main plate and fasteners
- Three sizes of U-bolt holders to suit length 40-125mm angular structures or diameter 42-150mm tubular structures
- AMP-VB-80 applicable for both horizontal and vertical structures
- trapezoid plate for supporting heavy weight and wind resistant

## APPLICABLE OBL MODELS

- F864/F86465/F865/OLS/OLIS/FS810/OMS2K



## SPECIFICATIONS

|                                   | AMP-S-VB Series Bracket Specifications |          |          |
|-----------------------------------|--|----------|----------|
| Plate material                    | SS304                                  |          |          |
| Fasteners material                | SS304                                  |          |          |
| U-bolt Holders material           | SS304                                  |          |          |
| U-bolt part number                | 80                                     | 100      | 150      |
| Applicable angle/tube orientation | Horizontal & Vertical                  | Vertical | Vertical |
| Suitable angular length           | 40-70mm                                | 63-80mm  | 90-125mm |
| Suitable tubular diameter         | 42-80mm                                | 60-100mm | 90-150mm |
| Suitable models                   | F864/F86465/F865/OLS/OLIS/FS810/OMS2K  |          |          |

## ORDERING CODE

| Series | U-bolt Part Number (Note1)                  | Bottom Support (Note2) | Holder Type  | Backplate Size |
|--------|---|------------------------|--------------|----------------|
| AMP    | 80<br>100<br>150<br>40100<br>60150<br>40150 | S                      | VB (U-bolts) | 390            |

**Notes:** 1) Refer to suitable angular length and tubular diameter for each U-bolt size in specification table. 40100 is the combination of 80 & 100; 60150 is the combination of 100 & 150; 40150 is the combination of 80, 100 and 150.

2) A support plate on the bottom of the main bracket is for strengthening load bearing

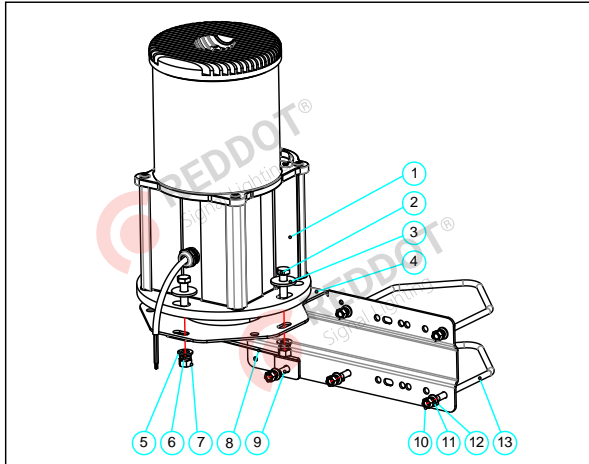
**E.g.:** AMP40150S-VB-390, mounting bracket for F864/F86465/F865/OLS/OLIS/FS810/OMS2K, SS304, 390mm main plate, u-bolt holders for 40-125mm angular length or 42-150mm tubular diameter.

**Appendix A and Appendix B demonstrate the AMP-S-VB series mounting bracket drawings by taking F86465 medium intensity light as the mounted objects.**



## Appendix A

### AMP80/100/150-S-VB-390 for F86465 low intensity obstruction lights

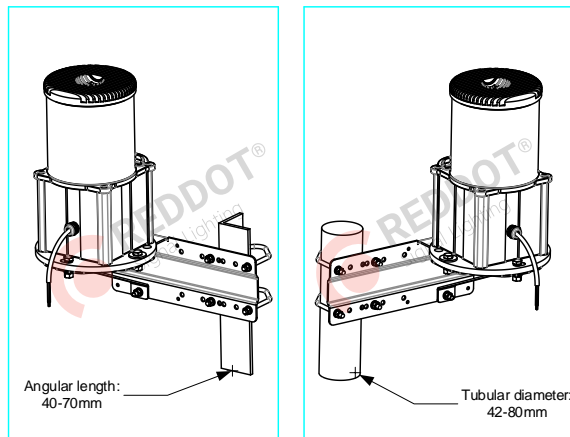


#### Bill of Material

| NO | Name           | Description           | Materials | QTY   |
|----|----------------|-----------------------|-----------|-------|
| 1  | F86465         | Ø235*360mm,           |           | 1     |
| 2  | Hex bolts      | GB/T5781-2000, M10*35 | SUS 304   | 4     |
| 3  | Flat Washer    | GB/T 5287-1985 ,M10   | SUS 304   | 4     |
| 4  | Mounting plate | 390*265*138mm,        | SUS 304   | 1     |
| 5  | Flat Washer    | GB/T 95-2002 ,M10     | SUS 304   | 4     |
| 6  | Spring Washer  | GB/T 93-1987 ,M10     | SUS 304   | 4     |
| 7  | Hex Nuts       | GB/T 6170-2000 ,M10   | SUS 304   | 4     |
| 8  | Support plate  | 285*40*30mm,          | SUS 304   | 1     |
| 9  | Hex bolts      | GB/T5781-2000, M8*25  | SUS 304   | 1     |
| 10 | Hex Nuts       | GB/T 6170-2000 ,M8    | SUS 304   | 5     |
| 11 | Spring Washer  | GB/T 93-1987 ,M8      | SUS 304   | 5     |
| 12 | Flat Washer    | GB/T 95-2002 ,M8      | SUS 304   | 5     |
| 13 | U-Bolt-M8      | M8 V-Bolt 80/100/150  | SUS 304   | 2/2/2 |

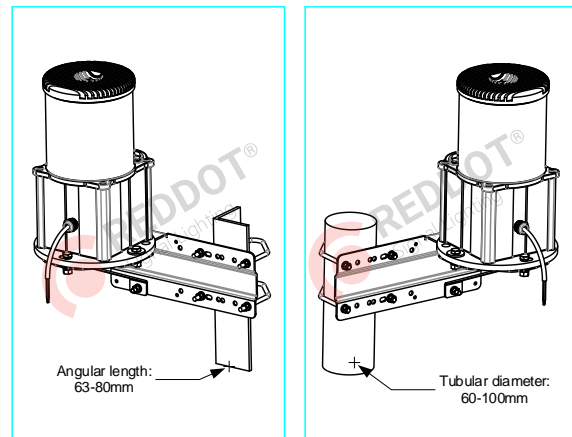
#### AMP80S-VB-390

Applicable size: For leg length 40-70mm angular structure or diameter Ø42-Ø80mm tubular structure.  
Mounting direction: Vertical



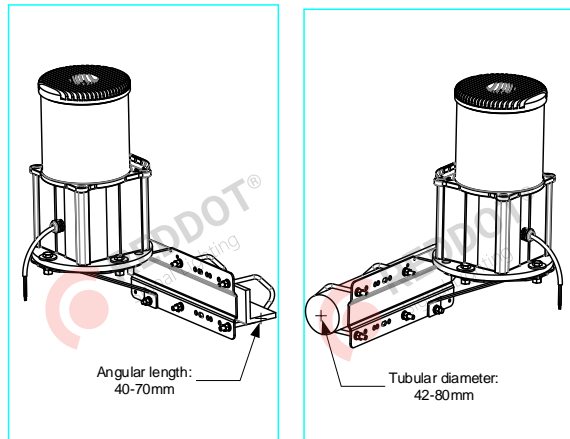
#### AMP100S-VB-390

Applicable size: For leg length 63-80mm angular structure or diameter Ø60-Ø100mm tubular structure.  
Mounting direction: Vertical



#### AMP80S-VB-390

Applicable size: For leg length 40-70mm angular structure or diameter Ø42-Ø80mm tubular structure.  
Mounting direction: Horizontal



#### AMP150S-VB-390

Applicable size: For leg length 90-125mm angular structure or diameter Ø90-Ø150mm tubular structure.  
Mounting direction: Vertical

