



Catalog Number

Project

Type

## FEATURES & SPECIFICATIONS

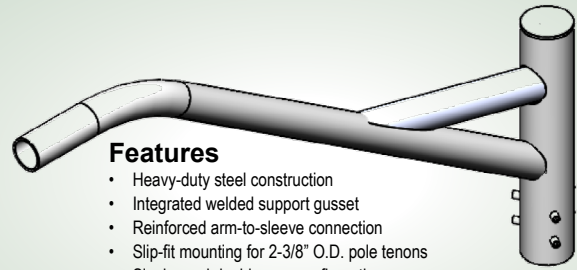
**APPLICATION** — The USA Series Pole Side Arm Fitters are designed to provide a durable mounting interface for Techlight side-arm lighting assemblies. A welded structural gusset reinforces the connection between the tenon sleeve and side arm, providing increased rigidity, improved load distribution, and enhanced structural stability compared to standard fitter designs. The reinforced construction helps reduce flexing and vibration while supporting a wide variety of outdoor pole-mounted lighting applications. Available in single and double arm configurations, the USA Series is ideal for installations where additional structural support is desired.

**CONSTRUCTION** — The USA Series is fabricated from heavy-duty steel and engineered for long-term performance in demanding outdoor environments. Each assembly features a welded structural gusset integrated between the mounting sleeve and side arm to provide additional reinforcement and rigidity. Precision-fabricated components and welded construction ensure a secure and durable mounting solution for pole-mounted lighting applications.

**MOUNTING** — The USA Series utilizes a slip-fit mounting sleeve for secure attachment to a 2-3/8" O.D. pole tenon. Available in 48" and 72" arm lengths, each assembly is secured using stainless steel set screws to facilitate proper installation and alignment.

# USA SERIES

## Gusseted Pole Side Arm Fitter



### Features

- Heavy-duty steel construction
- Integrated welded support gusset
- Reinforced arm-to-sleeve connection
- Slip-fit mounting for 2-3/8" O.D. pole tenons
- Single- and double-arm configurations
- Available in 48" and 72" arm lengths

| SERIES     | TENON HEIGHT | ARM LENGTH |
|------------|--------------|------------|
| <b>USA</b> | 31.43"       | 48" or 72" |

**FINISH** — A durable powder coat finish is applied to provide long-lasting protection in outdoor environments. Black is standard. Additional custom colors and finishes are available upon request.

**WARRANTY** — The complete assembly is covered by Techlight's standard limited warranty.

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:

**USA-2180-72-T238-BZ**

| <b>USA</b>                                                        |                                                         |                                                          |                           |                                                                                                                                                               |
|-------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SERIES                                                            | CONFIGURATION                                           | ARM LENGTH                                               | MOUNTING/TENON SIZE       | FINISH                                                                                                                                                        |
| REINFORCED UPSWEEP ARM ASSEMBLY WITH INTEGRATED STRUCTURAL GUSSET | <b>190</b> = 1 Arm @ 90°<br><b>2180</b> = 2 Arms @ 180° | <b>48</b> = 48" Arm Length<br><b>72</b> = 72" Arm Length | <b>T238</b> = 2-3/8" O.D. | <b>BK</b> = Black<br><b>BZ</b> = Bronze<br><b>GR</b> = US Green<br><b>WH</b> = White<br><b>SP</b> = Special<br><b>GLVP<sup>1</sup></b> = Galvanized & Painted |

### EFFECTIVE PROJECTED AREA (EPA)

| Arm Length | Catalog Number | Configuration | EPA (ft <sup>2</sup> ) |
|------------|----------------|---------------|------------------------|
| 48"        | USA190-48      | 1 Arm @ 90°   | 0.59                   |
| 48"        | USA2180-48     | 2 Arms @ 180° | 1.19                   |
| 72"        | USA190-72      | 1 Arm @ 90°   | 1.36                   |
| 72"        | USA2180-72     | 2 Arms @ 180° | 2.72                   |

EPA values shown are for the side arm assembly only and do not include fixture EPA.

### 4' ARM LENGTH (48")

**USA19048**

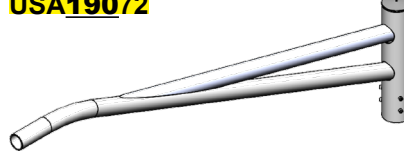


**USA218048**

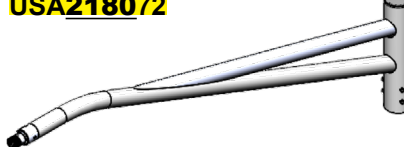


### 6' ARM LENGTH (72")

**USA19072**



**USA218072**



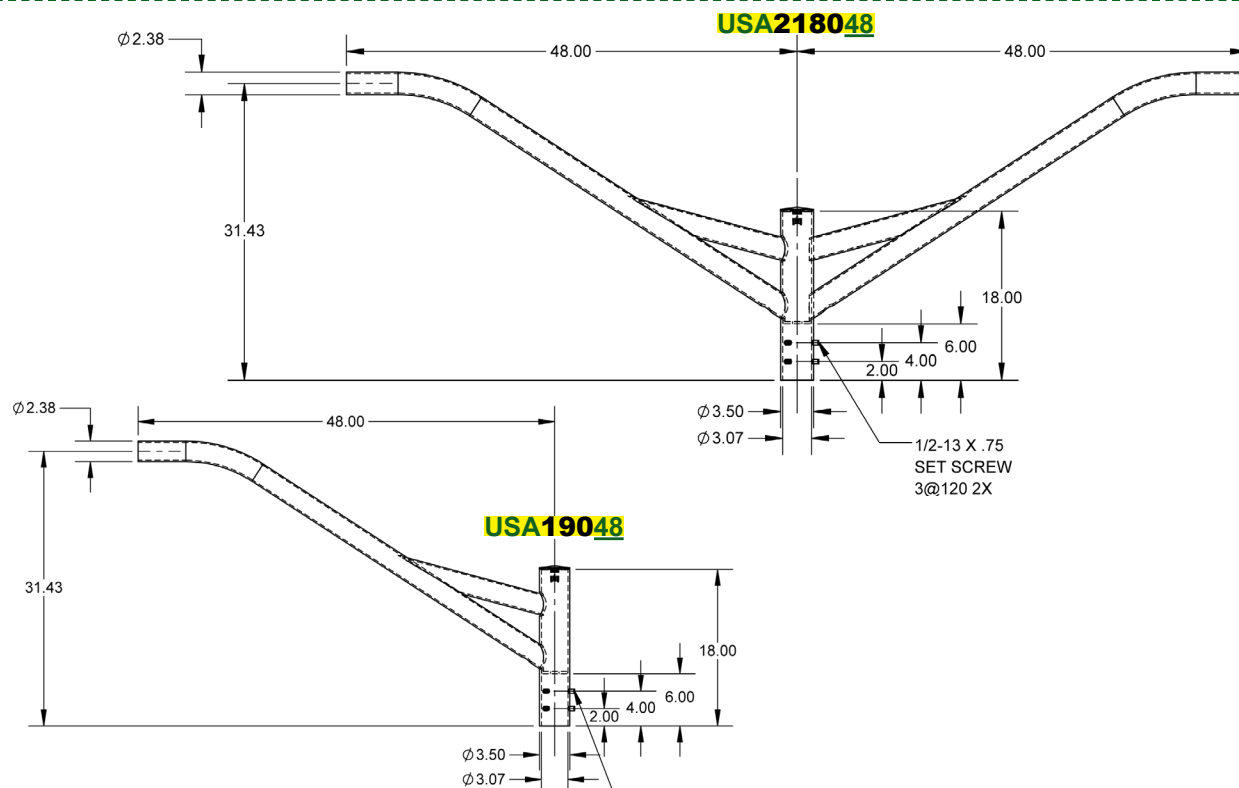
### NOTES

<sup>1</sup> = For 'Galvanized and Painted' option. You must specify a paint color code as the suffix in addition to the GLVP coating option. (Example: GLVPBZ).



## DIMENSIONS

### 4' ARM LENGTH (48")



### 6' ARM LENGTH (72")

