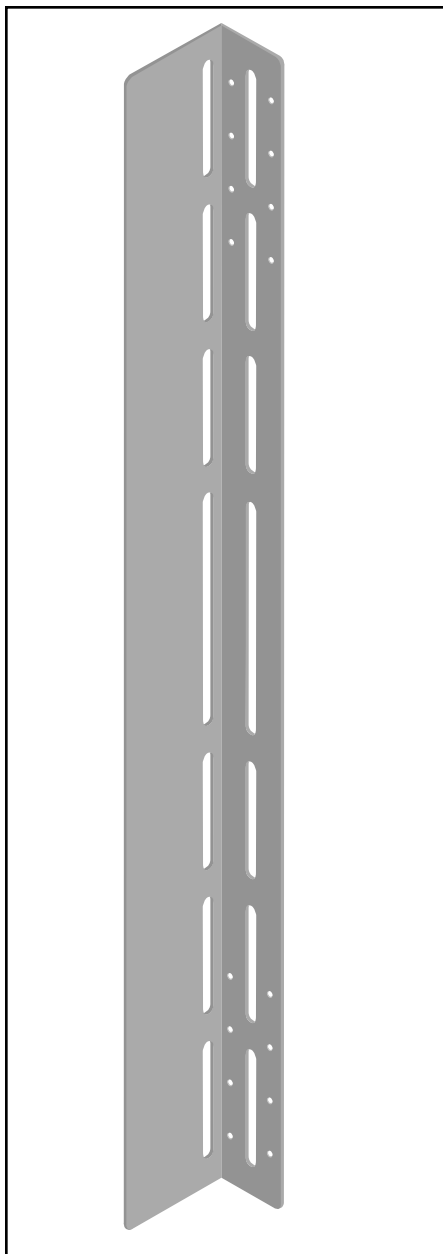


## MSA Series Protective Mounting Bracket

For MINI-SCREEN<sup>®</sup> Light Screen Sensors



### Features

- Available in three sizes to fit sensors up to 48" long
- Easy to mount to wall, post, or machine frame
- Protects one side and front window of light screen sensor, or combine two in a U-shaped configuration to protect entire sensor (see Figure 2)
- For use with MINI-SCREEN<sup>®</sup> or MINI-ARRAY<sup>™</sup> emitters and receivers

### Models

Model Number	Length "L"	For MINI-SCREEN or MINI-ARRAY Sensors*
MSA-PMS-30	30"	12", 16", 20", or 24"
MSA-PMS-42	42"	28", 32", or 36"
MSA-PMS-54	54"	40", 44", or 48"

### Description

Banner MSA Series Protective Mounting Brackets are for use with light screen emitters and receivers. They are designed to deflect physical impact and flying material, such as weld spatter, preventing damage to the sensor or its lens.

### Specifications

<b>Construction</b>	11 ga. AWG cold-rolled steel
<b>Finish</b>	Yellow polyester paint
<b>Weight</b>	<b>30"</b> : 6 lb. <b>42"</b> : 9 lb. <b>54"</b> : 11 lb.



#### **WARNING . . . Maintain Required Separation Distance**

The Defined Area (light screen) produced by MINI-SCREEN<sup>®</sup> sensors must be placed at a minimum safe distance from the dangerous motion of the machine being guarded. This necessary minimum distance is called the separation distance, and is discussed in the appropriate instruction manual. **Failure to calculate this distance correctly and to maintain minimum separation distance can result in serious injury or death.**

# MSA Series Protective Mounting Bracket

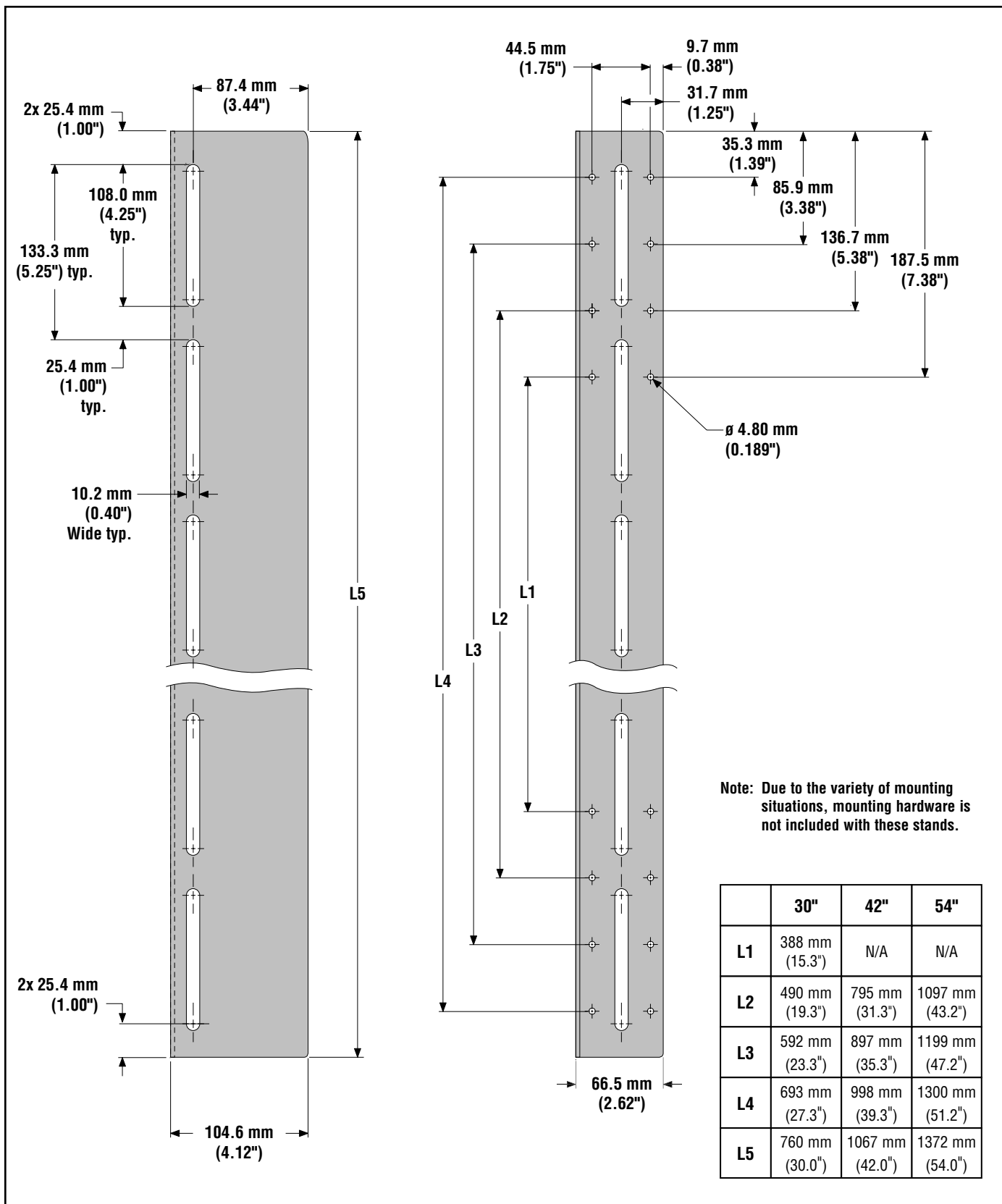


Figure 1. MSA Series Protective Bracket dimensions

# MSA Series Protective Mounting Bracket

## Installation

Banner MSA Series Protective Mounting Brackets may mount directly to a wall or post, or to the machine frame. They may be used individually, or in pairs, to provide maximum protection. When used in pairs, the two stands form a U-configuration, with the sensor recessed well back from the front of the bracket's outer edges.

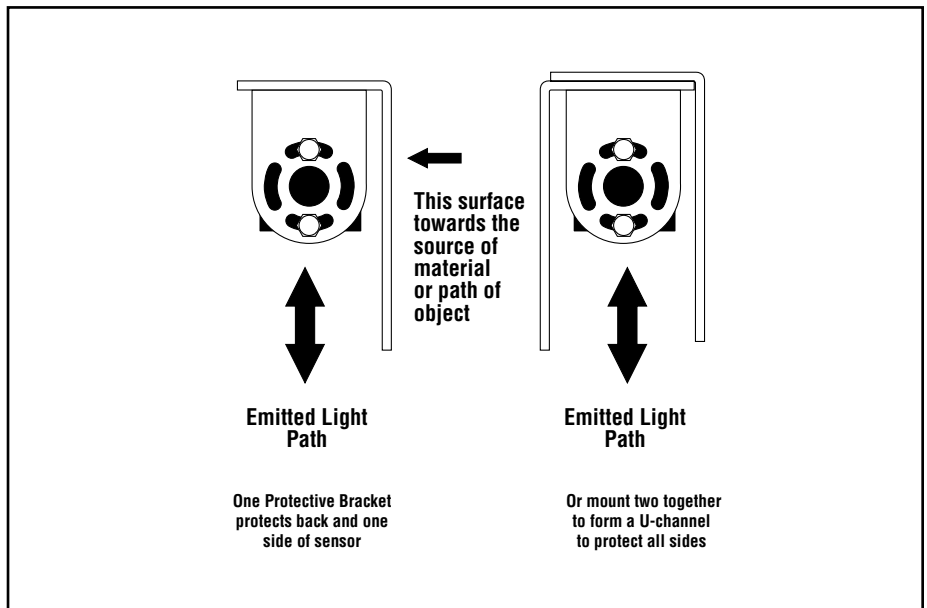


Figure 2. One- or 2-bracket configurations

# MSA Series Protective Mounting Bracket

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**WARRANTY:** Banner Engineering Corp. warrants its products to be free from defects for one year. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture found to be defective at the time it is returned to the factory during the warranty period. This warranty does not cover damage or liability for the improper application of Banner products. This warranty is in lieu of any other warranty either expressed or implied.