

Instruction Sheet
For: **Part No. S0178xx**



Document No: ISS0178xx

Rev 1

24/12/2021

Mounting Instructions

The **75x22mm** Retro-reflector is mounted using the supplied double sided tape. Prior to fitting the reflector, ensure the substrate is appropriately cleaned. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol (IPA) and water prior to applying the tape. Ensure the surface has had adequate time to dry before applying the reflector.



CTA – Application and Mounting Instructions

CTA Number: xxxxxxxxxx

Function Compliance

Function	Applicable ADR	ECE Approval
Retro-reflective device	ADR 47	E1-3R-02 4336

Lamp Marking

02 IA (E1) 4336



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Compliance of Fitment

Ensure the lights are located in accordance with *Australian Design Rule 13 - Installation of Lighting and Light-signalling Devices on other than L-Group Vehicles*

Summary of requirements

Function	Colour	Location	Visibility	
			Horizontal	Vertical
Front Reflector	White	250mm minimum height 900mm maximum height ¹ Maximum of 150mm from vehicle edge Minimum of 600mm apart ²	10 degrees Inwards 30 degrees outwards	10 degrees above and below horizontal
Rear reflectors	Red	250mm minimum Height 900mm maximum height ¹ Maximum of 400mm from trailer edge Minimum of 600mm apart ²	30 degrees Inwards 30 degrees outwards	10 degrees above and below horizontal

¹ may be increased to 1,500mm if bodywork design requires this.

² may be reduced to 400mm if trailer width is less than 1,300mm.



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Function	Colour	Location	Visibility	
			Horizontal	Vertical
Side Reflectors	Amber ³	250mm minimum height 900mm maximum height ⁴ The location of the side reflectors must conform with the following: <ul style="list-style-type: none"> – at least one reflector in the middle third of the trailer – the foremost reflector not further than 3,000mm from the front – the rearmost reflector not further than 1,000mm from the rear – the distance between adjacent reflectors not more than 3,000mm⁵ 	45 degrees to the front and rear	10 degrees above and below horizontal

³ the rearmost reflector can be red if it is grouped, or has part of the light emitting surface in common with, the rear position (tail) lamp, the rear end-outline (clearance) marker lamp, the stop (brake) lamp or the red rearmost side-marker lamp.

⁴ may be increased to 1,200mm if grouped with other lights, or 1,500mm if bodywork design requires this.

⁵ 4,000mm if the structure, design or the operational use of the trailer makes it impossible to meet the 3000mm requirement.

