

## Mounting Instructions

The LED side marker lamp is to be mounted using the supplied cradle. The cradle is mounted using two **M5** fasteners. Mounting holes of up to **Ø6.5mm** at **29mm** centres are needed to accommodate the mounting. If the lamp cable is to be routed through the mounting surface, ensure the hole has no sharp edges to cut or chafe the cable.



SIR Trailer parts recommend that the lights are secured using a locknut such as a 'Nyloc nut' and. The recommended torque of the nut is **7Nm**

## Wiring Colour Code

The LED Rear Lamp is multivolt allowing full functionality between 12 and 24 volts. LED lamps are made with a positive and negative polarity. Reverse polarity will not damage the light but will prevent its function.

Colour	Connect to	Power Consumption
Black	Earth (-)	-
Blue	Side Marker (+)	0.4 watts
White	End Outline Marker (+)	0.4 watts

## CTA – Application and Mounting Instructions

CTA Number: xxxxxxxxxx

Function Compliance

Function	Applicable ADR	ECE Approval
Side Marker Lamp	ADR 74	E4-91R-0224426
Rear End Outline marker	ADR 49	E4-7R-0224426

## Lamp Marking

SM1 00



91R-24426

*Approval Mark 1*

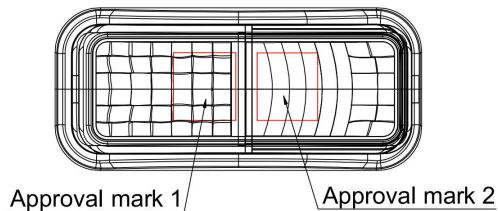
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7R-24426

*Approval Mark 2*

### Front View



## Compliance of Fitment

Ensure all electrical installations meet the requirement of *Australian Design Rule 42 – General Safety Requirements*.

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*

There are two options for compliance of side markers under ADR 13. As this lamp is compliant to ADR 74/00 clause 5.1.2. it needs to be fitted in the arrangements of ADR 13/00 Clause 9.2

### Summary of requirements

Function	Location	Visibility		Electrical
		Horizontal	Vertical	
Side Marker Lamp	600mm minimum height  1,500mm maximum height <sup>1</sup>	5 degrees	N/A	For trailers under 3,500kg ATM, no electrical requirements exist for side marker lamps, but they are usually wired to operate with the tail lights.

<sup>1</sup> may be increased to 2,100mm if bodywork design requires this

Instruction Sheet  
For: **Part No. S017817**



Document No: *ISS017817*

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### Arrangements

Trailer size and type	Lamp arrangement
Trailers over 2,100mm wide	- two at rear
Semi-trailers equal to, and less than, 7,500mm long	- two at rear - two at front
Trailers over 7,500mm long	- two at front - two at rear - two mid-way between front and rear lamps

In the above table:



- 'Front' is defined as being no more than 300mm from the front of the side of the trailer.
- 'Rear' is defined as being no more than 300mm from the rear of the side of the trailer.
- Where trailer construction makes these locations impracticable, as close as possible to the front and rear of the trailer.

Additional pairs of side marker lamps may be used if they are:

- equally spaced between the front and rear lamps



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