

Correct as at 17th May 2026. It may be superseded at any time.

Extract taken from: In-service certification (WoF and CoF) > Heavy trailers > Lighting > Rear reflectors

4-13 Rear reflectors

Reasons for rejection

Mandatory equipment

1. Refer to [general trailer pages](#).

2. Rearward-facing retroreflectors fitted to a vehicle of TC or TD class do not meet one of the fitment requirements in Figure 4-13-1.

3. A trailer equipped with a jinker pole that extends behind its rear lamps is not, in addition to the normal rear reflectors, fitted with one red rear reflector at the rear extremity of the pole.

Condition

4. Refer to [general trailer pages](#).

Performance

5. Refer to [general trailer pages](#).

6. A rearward-facing reflector on a trailer reflects white light shining on it as anything other than red light (this does not apply to reflective material such as conspicuity/reflective tape).

Definitions

Incorporated retroreflector means a retroreflector with a light reflecting surface that is combined with other lamps in a common lamp body See Figure 4-13-3

Single retroreflector means a retroreflector with an independent light reflecting surface and body. See Figure 4-13-4

Jinker pole means a telescoping or sliding pole that forms the drawbar to steer a pole trailer.

Pole trailer means a trailer that is attached to the towing vehicle by a telescoping or sliding pole and is designed to support a common load of logs, or a similar load, spanning between the trailer and the towing vehicle.

Figure 4-13-1. Acceptable fitment standards

Installation standards (Lighting Rule)	9.3(5)(a) Single retroreflectors must be 30cm ² or more	OR	9.3(5)(b) Incorporated retroreflectors within a lamp
Distance from extremity	150mm		400mm
Maximum height	2100mm (impractical body shape)		1500mm (impractical body shape)
	1500mm (Standard body shape)		1200mm (Standard body shape)
Minimum height	250mm		

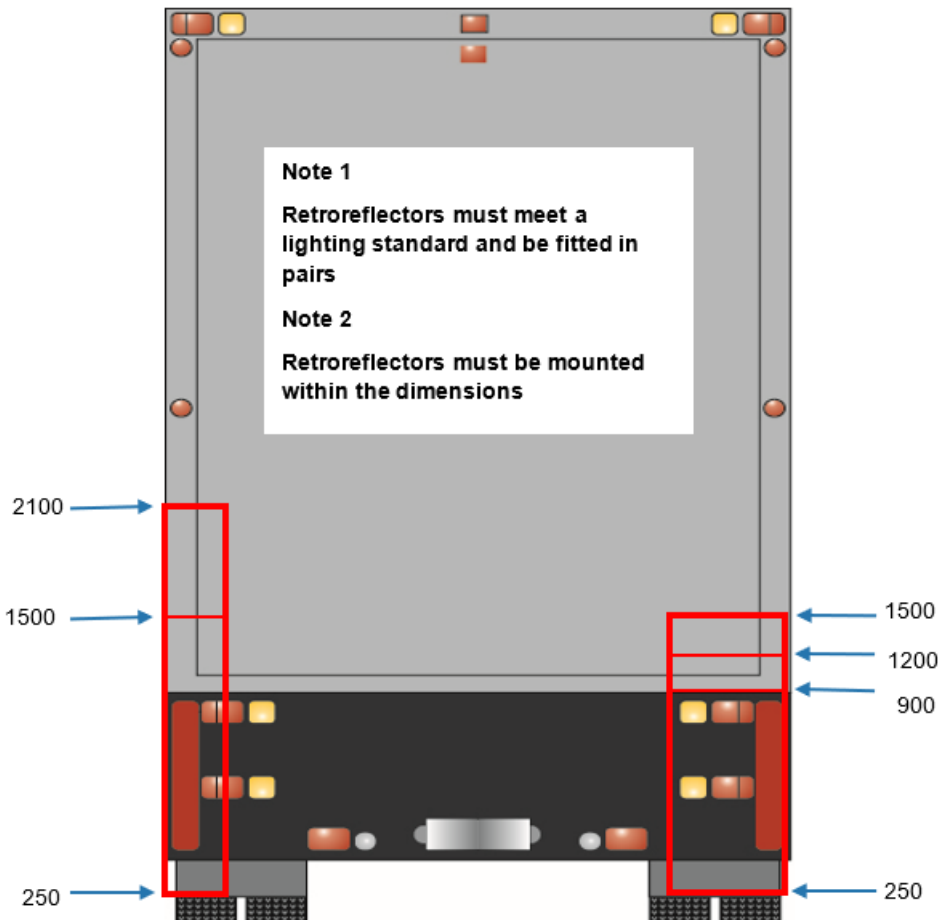


Figure 4-13-2. Reflector vs reflective material



Figure 4-13-3. Examples of ADR, UN/ECE, and JIS combination lights with built-in reflectors



Figure 4-13-4. Examples of single retroreflector



Summary of legislation

Applicable legislation

- [Land Transport Rule: Vehicle Lighting 2004](#).

Mandatory equipment

1. Refer to [general trailer pages](#).
2. A rearward-facing reflector fitted to a class TC or TD vehicle must have an area of at least 30cm² and be fitted within 150mm of the right and left extremities of the vehicle.
3. A trailer equipped with a jinker pole that extends behind its rear lamps must, in addition to the normal rear reflectors, be fitted with one red rear reflector at the rear extremity of the pole.

Condition

4. Refer to [general trailer pages](#).

Performance

5. Refer to [general trailer pages](#).

Page amended 11 September 2025 (see [amendment details](#)).