



- **Rapid installation**
- **Holds both, laminate and stainless steel code rails**
- **Long suspension distance**
- **All mounting orientations are possible**
- **Required, if guide trolleys are used**

A special aluminium profile system has been developed for the rapid installation of the 55 mm high WCS2 code rail in plastic laminate or stainless steel. The aluminium profile rail is designed to take the code rail and a guide trolley. The guide trolley always ensures the optimum position of the reading head in relation to the code rail and compensates for tolerances between the vehicle and the WCS system. At the same time, the reading head is isolated from the vehicle vibrations. The aluminium profile system can be fitted in any position. The profile rails are supplied in 5 m sections and the ends are mitred to 45°.

On request, the aluminium profile rail can also be supplied powder-coated and in curved sections.

**Grounding the aluminium profile**

Any WCS2 aluminium profile track assembly must include a low-ohm connection to the system ground. If the profile track's length exceeds 40 meters (131 feet), it must be grounded twice - at both the beginning and end points.

WCS2-PS1

**Technical data**

**Ambient conditions**

Operating temperature -40 ... 70 °C (233 ... 343 K)

**Mechanical specifications**

Bend radius ≥ 1000 mm

Material aluminium

Thermal expansion coefficient  $2.4 \times 10^{-5} / K$

Mass 1000 g / m

**Dimensions**

