

The side hand rests; arm support, and any other solid materials shall be removed from the back side of seats.

The two doors of the bus shall be fitted with handrails to assist in the boarding process.

The driver shall control the door opening and closing mechanism, and electronic control is preferred.

## **13.6. Illumination, lighting, signage**

### **13.6.1. Lighting**

When the vehicle door is opened, 30 lux of illumination as measured on the step tread or ramp platform shall be provided.

All vehicle doorways shall have outside lights that illuminate when the door is opened and provides at least 10 lux of illumination on the street surface for a distance of 1000 mm perpendicular to the bottom step tread or ramp outer edge. These light(s) shall be shielded to protect the eyes of students coming in or out.

### **13.6.2. Visual elements**

Reflectance values over 30 LRV points shall be used for signage and for tactile warnings at folding seats. Specific colors shall be selected for students who are colorblind and may only see red and green as gray.

Uniform signage shall be provided for all students, who may not be able to read text.

## **13.7. Onboard information and safety**

### **13.7.1. Alternative formats**

Audio, text and sign language displays and inductive loop systems for information shall be used to address the needs of students, deaf/heard of hearing, blind/vision-impaired and cognitively impaired.

Noise level inside the bus shall not exceed 70dB(A) to avoid speech interference.

Technologies shall be considered to interface between driver announcements and personal communication devices (e.g. phones/tablets) via Bluetooth or similar systems for real time audio and text display.