

VALLEY LINE WEST: LOW-FLOOR LRV FACTS

[Hyundai Rotem](#) will supply 46 new low-floor light rail vehicles (LRVs) for the Valley Line West project. Below is an overview of what makes these trains unique.

General:

- Length: 42.3m
- Weight: 65,000kg
- Top Speed: 80km/h
- Power Collector: pantograph, 750V_{DC} Supply
- Sanding System: to prevent wheel slip
- Wheel Flange Lubrication System: to reduce wheel/track noise

Interior:

- Seating: 78 seats (includes 20 clearly marked priority seats)
- 48m² for up to 192 standing passengers (4 people/m²)
- Two dedicated wheelchair spaces in each LRV that can also be used for bicycles when available
- Lighting: LED throughout, adjusted automatically

Exterior:

- Doors: Five electric double doors per side, four of which provide a wheelchair accessible path to the two wheelchair spaces.
- Door operation: Internal and external push buttons, including blue accessibility buttons on doors leading to designated accessibility spaces and within the wheelchair area.
- Door status: LED strips on each door leaf to indicate the opening, closing and condition of the doors.

Passenger Information:

- Exterior destination displays: Destination shown on the front, rear and sides of the LRV.
- Emergency intercoms: 12 push-button, hands-free units for two-way communication with the operator; CCTV cameras activate automatically when an intercom is used. Operators can also communicate via text through these units to assist passengers with hearing loss.
- Emergency alarm strips: Yellow touch-sensitive strips located throughout; CCTV cameras activate automatically when a touch strip is pressed.
- Public address system: Enables the operator to make audible announcements inside and outside the LRV.
- Internal screens: LCDs above doors and ceiling-mounted units display stop information, final destination and advertising.
- Accessibility decals: All emergency signage includes Braille, raised or relief lettering and universally-recognized words and symbols.