



Volvo Buses. Driving quality of life

VOLVO B8RLE

Versatile, efficient and reliable



Model	Volvo B8RLE 2-axle low entry single deck citybus
Body specification	Wrightbus Eclipse 2 and 3, MCV Evolution. Body options are available with one door provincial specification or two door London specification.
Engine	Volvo D8K 280 6cyl 7.7 litre Euro 6 engine rated at 280hp @2100 rpm with maximum torque of 1050Nm at 950-1700rpm. Engine emission control uses SCR, EGR, DPF & DOC technology.
Transmission	ZF Ecolife 6AP1200 B 6 speed automatic gearbox with neutral bus stopping.
Rear axle	Volvo single reduction axle available with 5.63:1 axle ratio. Electronically limited max speed options of 60km/h, 70km/h, 80km/h and 90km/h are available.
Brakes	The EBS 5 brake system is an electronically controlled pneumatic system. The front and rear disc brakes incorporate integral automatic brake adjusters. The anti-lock braking system features traction control, door brake interlock, brake temperature warning and lining wear indicator.
Steering	ZF hydraulic power assisted steering. Steering pump is electrically driven. The steering wheel position is adjustable for height and rake.
Suspension	Electronically controlled air suspension. Beam front axle, with front axle kneeling and ferry lift. Full squat available as an option with two door variants.
Electrical	The chassis electrical system is of multiplex design (BEA 3) and is a 24 volt negative earth system with two 12 volt, 225 amp hour, and heavy duty lead acid batteries (maintenance free as standard) mounted in a swing out carrier. 2 x Bosch 100 amp alternators are fitted. Electronic monitoring of oil and coolant levels is available as an option.
Fuel system	250 or 280 litre aluminium fuel tank fitted behind the O/S/R wheel. The fuel filler is located on the right hand side (offside) of the body; this can be offered with Posi lock or Identec fast filling systems as an option.
Tyres & Wheels	10 stud 22.5" wheels with 275/70R22.5 tyres.

