

lighTram® 25 DC



vbl, Lucerne

a smart bus system



MOTION & EMOTION

HESS

lighTram® 25 DC

Through use of a low-emission electrical drive, lighTram® is the ideal mean of transport for high-density city traffic. As powerful as they are, they are quiet, sparing in their energy consumption and returning recuperated braking energy. With its generous riding and seating comfort and ease of entry the lighTram® is as highly appreciated by bus companies as it is by passengers. Thanks to innovative, patented drive technology, with intelligent control, it impresses even in winter and topographically difficult conditions. Thanks to two steered axles, the 24,7 m long vehicle has the maneuverability as normal articulated buses.

A project of:	Verkehrsbetriebe Luzern
Vehicles:	27 lighTram® 25 DC
Total capacity:	220 (6p/m ²)
Bus body:	Aluminum system CO-BOLT®
Steering:	Axles 1+4
Traction:	Electrical on axles 2+3 Asynchronous motors, air-cooled
Energy recovery:	Yes
Energy storage:	Yes
Heating / Cooling	100% electrical: fully automatic heating and air conditioning
Length, Width, Height:	approx. 24,7 m, 2,55 m, 3,5 m
Driver's area:	compatible with VDV
Homologation:	Standard trolleybus EN 50502
Plug charge:	Yes
Pantograf charge:	Conductive energy supply type DC (Dynamic Charging) while driving, 600 V / 750 V, 200 kVA

