

LaneLED GFK in the Zumikon tunnel of Forchbahn AG

System-tested emergency lighting for self-rescue measures – well prepared for emergencies

Customer / installation engineer:	Forchbahn AG/ETAVIS AG
Requirement:	safety-related escape route lighting for rapid evacuation in the event of a fire
Solution:	glass fibre reinforced handrail, mounted on the wall, LaneLED GFK system
Article:	LaneLED type 5 GFK in light colour white 5'000K
Quantity:	1'824 m
Areas of application:	Railway and car tunnels, private mountain railways, tunnel lighting, safety, access and evacuation tunnels, power station and cavern tunnels

Starting situation

In accordance with the SBB standards and the technical fire protection requirements, we planned and implemented safety lighting for the evacuation and implemented safety lighting for evacuating people from the tunnel.

The handrails were mounted directly on the wall, standardised and tested in the event of a fire. The LaneLED GRP system was adapted to the existing signalling boxes using special brackets for the specific project. Socket distributors for maintenance as well as basic and maintenance lighting were also realised.

Customer benefits

- tested safety-relevant system (in accordance with DIN 4102 Part 12)
- completely insulated design thanks to LaneLED GFK
- combination of different products – complete supplier
- new compact supply unit
- durable and maintenance-free components
- complete support – from planning to factory acceptance



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