

LaneLED GFK in the Ruckhalde tunnel of the Appenzell Railway

System-tested emergency lighting for self-rescue measures – optimally prepared for an emergency

Customer/installation engineer:	Appenzeller Bahnen AG/Kummler + Matter AG St.Gallen
Requirement:	Escape route safety lighting for quick evacuation in case of fire
Solution:	Glass-fibre reinforced hand rail mounted on poles, LaneLED GFK system
Article:	LaneLED GFK in light colour white 4'400K
Quantity:	approx. 750 m
Areas of application:	Rail and road tunnels, private mountain railways, tunnel lighting, safety tunnels, access and evacuation tunnels, power plant and cavern corridors

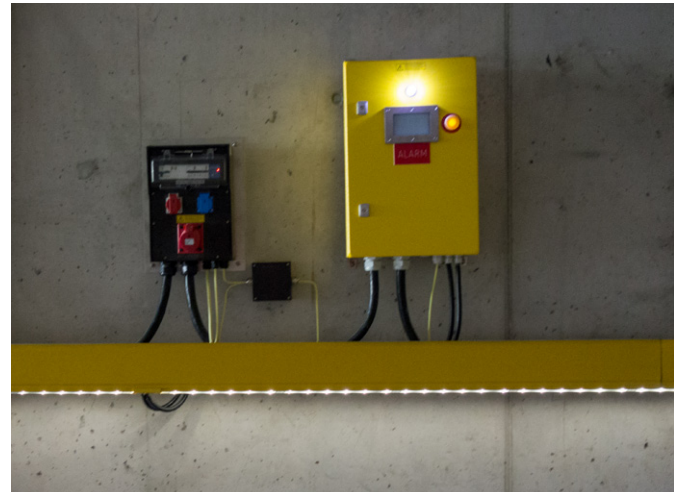
Starting situation

Safety lighting for the evacuation of people from the tunnel had to be implemented on the basis of the standards of the SBB and the fire protection requirements. In this special case, the hand rails were mounted directly on the wall and also on free-standing poles – standardised and tested for the event of a fire. Socket distributors for maintenance, auxiliary lighting for safety recesses, maintenance lighting and basic lighting were also integrated. Everything from one source of supply, planned and executed together with the electrical contractor!



Customer benefits

- Tested safety system (in accordance with DIN 4102 part 12)
- Design with total insulation thanks to LaneLED GFK
- Combination of different products – complete supplier
- New compact feeding unit
- Durable maintenance-free components
- Spare parts service guaranteed in the long term
- Full service – from the planning to the factory acceptance test



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