

LaneLED GFK Glatscheras

The LaneLED GFK lighting system was specially developed for emergency situations in railway, mountain railway and private tunnels.

Customer/installation engineer:	RhB – Rhätische Bahn AG/Glatscheras and Sasslatsch tunnel
Requirement:	Escape route lighting for self-rescue in train tunnel
Solution:	System LaneLED GFK redundant
Quantity:	Safety and escape route lighting on both sides, incl. supply units at a length of approx. 1'200 m
Areas of application:	for public train tunnels, e.g. the RhB or SBB and private/mountain railways with tunnel systems

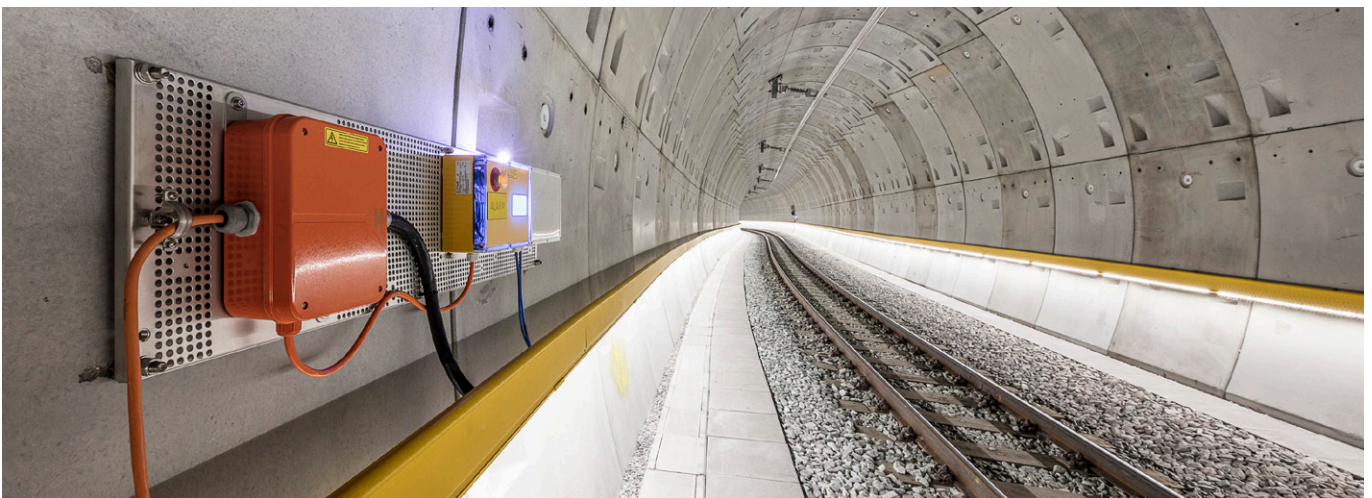
Initial situation

Train tunnels must be equipped with escape route lighting according to the international TSI guidelines as well as national standards. For the evacuation of people in the event of an emergency (e.g. fire in the tunnel), optimal lighting that allows passengers to safely exit the tunnel within 30, 60 or 90 minutes must be utilised.

As the system supplier, we will provide on-site support with regard to planning, installation and usage together with competent partners – please request our detailed documentation!

Customer benefits

- Extremely low power consumption and long service life
- Optimal escape route lighting: System tested and approved by the Swiss Federal Office for Transport (BAV) in accordance with DIN 4102 part 12 (fireproof)
- Primary function of the escape route lighting
- Secondary function: due to the very high light output, the lighting can also be used for servicing and inspection purposes
- Secondary function: Lighting of escape route signs
- Simple installation, entire system insulated (glass-fibre reinforced plastic handrails as a carrier system)



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