LUXLIFT
SMART LIFTING SYSTEMS

LuxLift TURN

Problems with the use of lights in railway and track areas

Installation, cleaning, maintenance and replacement of lamps in track lighting are very time-consuming and cost-intensive.

As work has to be carried out under dangerous conditions (high-voltage area), the following safety measures must be complied with:

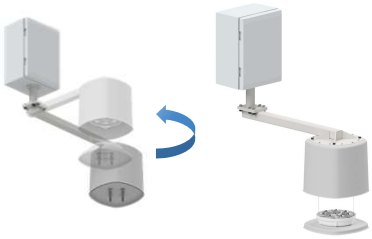
- Switching off the overhead line systems
- Use of tower wagons
- Track blocking
- Adherence to safety distances

The necessary security measures have an impact on rail operations (delays, costs) and put the staff on site under time pressure.

For this reason, LuxLift TURN was developed in cooperation with the Austrian railway company. It has been in use on an ÖBB test track since 2017 and has been continuously developed since then.

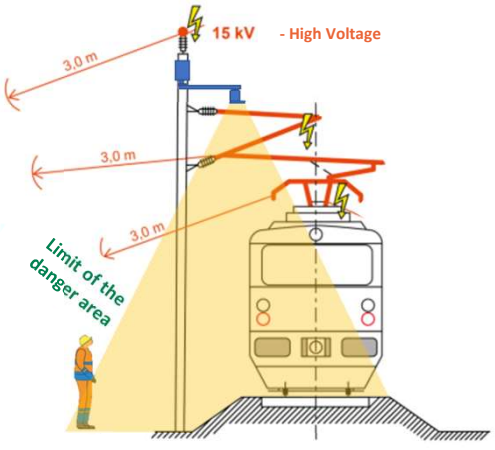
LuxLift TURN

LuxLift TURN is a rotating arm lift for safe lighting maintenance in exposed positions. A motor-driven rotating arm brings the lift out of the sensitive danger zone and then lowers the lighting to working height (up to 20 m). The lift cables are made of a non-current-carrying material as a double cable system - pendulum movements are thus effectively reduced even in case of stronger wind.



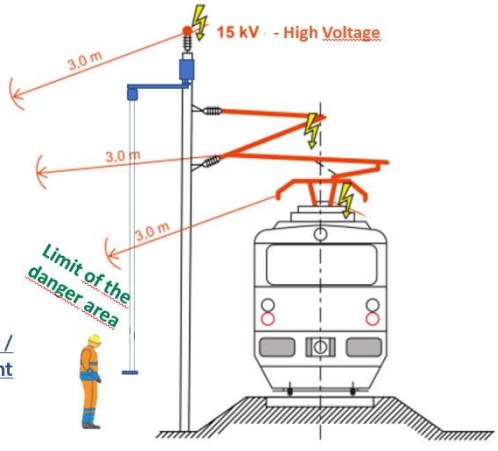
LuxLift TURN is a maintenance solution for lighting and signaling systems that meets the high safety requirements.

- ✓ No tower wagon required
- ✓ Work outside the high voltage area
- ✓ Speed reduction instead of track closure
- ✓ Safe, fast, cost-efficient



LuxLift TURN in operation mode

Replacement / maintenance / cleaning of the light



LuxLift TURN during light maintenance