

LuxLift TURN®

Smart Lighting Maintenance for Railway Infrastructure

Railway Lighting Maintenance Challenges

Installation, cleaning, maintenance and replacement of railway lighting systems are often time-consuming, expensive and operationally disruptive. Conventional maintenance typically requires overhead line isolation, tower wagons, track possessions and extensive safety measures.

How it works

LuxLift TURN is a motor-driven rotating arm lift that rotates the lighting fixture away from the overhead line danger zone and lowers it to a safe working height of up to 20 m.



Main Benefits

- Work outside the high-voltage danger zone
- No tower wagon required
- Speed restriction instead of track closure
- Reduced operational disruption
- Faster maintenance interventions
- Lower maintenance costs
- Proven railway application since 2017
- Safe maintenance up to 20 m height

Key Features

- Motor-driven rotating arm design
- Maintenance height up to 20 metres
- Double non-conductive cable system
- Reduced pendulum movement in windy conditions
- Suitable for lighting and signalling infrastructure
- Developed in cooperation with a European railway operator

Safety: Reduced exposure to high-voltage risks

Availability: Minimal impact on rail operations

Efficiency: Faster maintenance procedures

Cost Savings: Reduced equipment and personnel requirements