

Simple mounting

The handrail lighting is suitable for installation or retrofitting in a standard pole with a diameter of Ø 35 mm. Thanks to the flush and sealed mounting with IP54, the luminaire is perfectly protected from external influences without compromising the stability of the handrail.

The installation requires only a longitudinal milling as a mounting cutout for easy mechanical integration. A variety of light colors (red, yellow, green) and luminance levels (3000k-4000k) can be selected to create the perfect ambiance.

Product-features HL18

- Flush and sealed mounting in handrails with IP54
- Only longitudinal milling required as mounting cutout for mechanical integration
- Different light colors or luminance levels possible with diffuse beam angle
- Complies with all current standards for rail vehicles (EN 50155, EN 45545-2 and EN 61373)

Technical data

| | |
|-----------------------|---|
| Nominal voltage | 24 VDC |
| Nominal power | 0,7 W @ 24 VDC, 5.000 K, CRI >80, 650 cd/m ² |
| Operating temperature | -40 ... +70 °C |
| Degree of protection | IP54 |
| Luminous colors | red, green, yellow, white |



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HANDRAIL LIGHT HL18



Optimal lighting

The HL18 handrail lighting from TSL-ESCHA was specially developed for installation in the handrails of rail vehicles. The recessed grips are optimally illuminated to enable comfortable and safe entry and exit.

As a sophisticated design element, the lights integrate perfectly into the interior of the rail vehicle, giving it a modern and stylish aesthetic. Thanks to easy retrofitting, the HL18 is a perfect combination of aesthetics and functionality.

The handrail lighting complies with all current standards for rail vehicles (EN 50155, EN 45545-2 and EN 61373).



Simple installation for handrails in rail vehicles.

Highlights and customer benefits

- The recessed grips are optimally illuminated to enable convenient and safe entry and exit
- Perfect combination of aesthetics and functionality. Integrates seamlessly into the interior of the rail vehicle
- Flush installation creates a smooth and uniform surface
- For installation or retrofitting in handrails
- Can also be used as signal light in red and green

