**LED Handrail 40x40mm, Indoor / Outdoor, Asymmetrical Light Distribution, Flexible LED Handrail Light for Public Areas, Bridges, Level Crossings, Underpasses, Suitable for Weather, Exhaust, and Vandalism-Prone Areas**

LED Handrail Profile:

* Stainless steel grooved profile tube 40x40x1.5mm with ribs for direct clipping of the plastic cover
* Longitudinally welded, with weld seam in the groove. Weld seam brushed on the outside
* Batch number and material grade in the groove
* Surface: axially polished grain similar to K240/320
* Material: ............ (please enter – **1.4301/07 (AISI 304) or 1.4401/04 (AISI 316 L)**)

**Light Source:**

* Fully encapsulated LED light designed for use in handrail profiles with a groove 24x24mm with ribs for direct clipping into the handrail profile. No additional mounting is required.
* Together with the handrail profile, the light housing forms a cable channel (approx. 8x20mm) for wiring. The light is prepared for parallel connection.
* Light housing made of ABS plastic, with specially shaped reflector for wide symmetrical, continuous, even light distribution.
* Housing length: 206mm, 256mm, 306mm… (in 50mm increments) up to a maximum of 1506mm
* Light output: respective housing length minus 6mm
* Encapsulation material: clear PU
* Light distribution: asymmetrical
* Operating voltage: 24VDC (20.5…26VDC)
* Protection class: IP69, Impact resistance class: IK10, vandal-proof, dimmable. Lifetime 50,000h
* Power: ............ (please enter – **3W/m, 5W/m, or 10W/m (custom options available)**)
* Color temperature: ............ (please enter – **1800K, 2600K, 2900K, 3300K, 3500K, 4100K (custom options available)**)
* Suitable for direct clipping into curved LED handrail profiles ø42.4mm or 40x40mm, both with ribs. For a bending radius of at least 1.5m, no pre-bending of the light is required; it can be directly clipped in.

**Manufacturer: LUX GLENDER GmbH  
System: SAFE**