**LED Handrail ø42.4mm, Indoor / Outdoor, Asymmetrical Light Distribution, Stainless Steel LED Handrail Light** for Public Areas, Bridges, Railway Crossings, Underpasses, and Weather-, Exhaust-, and Vandalism-Prone Objects and Areas.

LED Handrail profile:

* Stainless steel grooved tube ø42.4×1.5mm, groove 24x24mm
* Longitudinally welded, exterior weld seam brushed
* Batch number and material grade indicated in the groove.
* Material: ............ (please specify - **1.4301/07 (AISI 304) or 1.4401/04 (AISI 316 L)**)
* Surface: ............ (please specify - **radially ground grain similar to K240/320 or polished IIIc/2B according to EN 10088, suitable for polishing and coating**)

Light Source:

* Fully encapsulated LED light bar for use in handrail profiles with a groove of 24x24mm or larger. Together with the handrail profile, the light housing forms a cable duct (approx. 11x20mm) for wiring. The light is prepared for parallel connection.
* Light housing made of stainless steel AISI 316 (1.4401/04)
* Housing lengths: 250mm, 500mm, 750mm, 1000mm, 1250mm, or 1500mm
* Encapsulation material: PU clear
* Light exit length = housing length – 50mm
* Light distribution: asymmetrical
* Operating voltage 24VDC (20.5...26VDC)
* Protection class IP69, IK10, vandal-proof, dimmable. Lifespan of 50,000h
* Suitable for emergency and safety lighting systems according to EN 60598-2-22
* Power: ............ (please specify – **3W/m, 5W/m, 10W/m, or 15W/m** **(custom options possible)**)
* Color temperature: ............ (please specify – **1800K, 2600K, 2900K, 3300K, 3500K, 4100K (custom options possible)**)
* Emergency lighting: ............ (please specify if the light is used as an emergency light according to EN 60598-2-22 – **YES** or **NO**)

Accessories:

* Mounting brackets for the LED light bars made of stainless steel (AISI316), for attaching the light inside the handrail profile. Bracket allows length compensation/installation tolerances, lengthwise or crosswise, of up to +/-3mm. Direct cable insertion from the front, no cable threading required.
* Intermediate brackets for the area between two lights
* End brackets for the terminal lights.
* Crosswise brackets are suitable for curved handrails.

Manufacturer: LUX GLENDER GmbH  
System: ULTRA SAFE