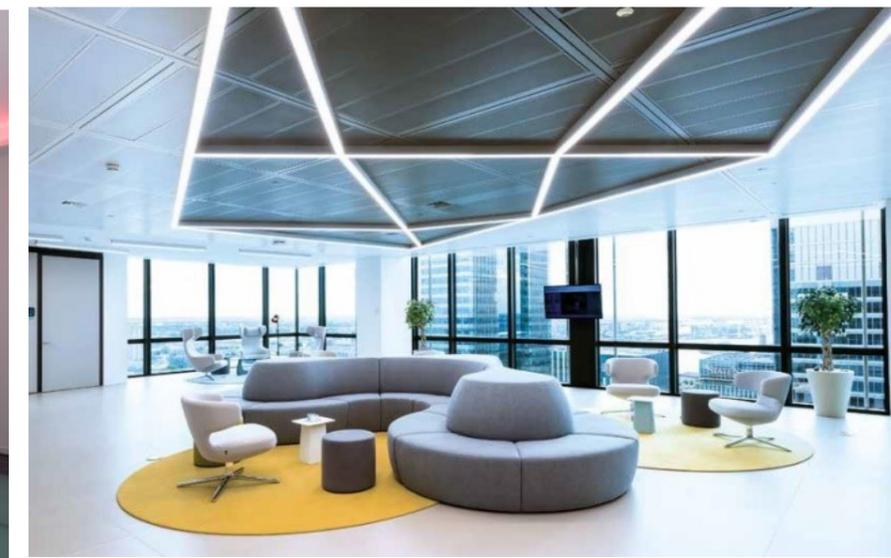
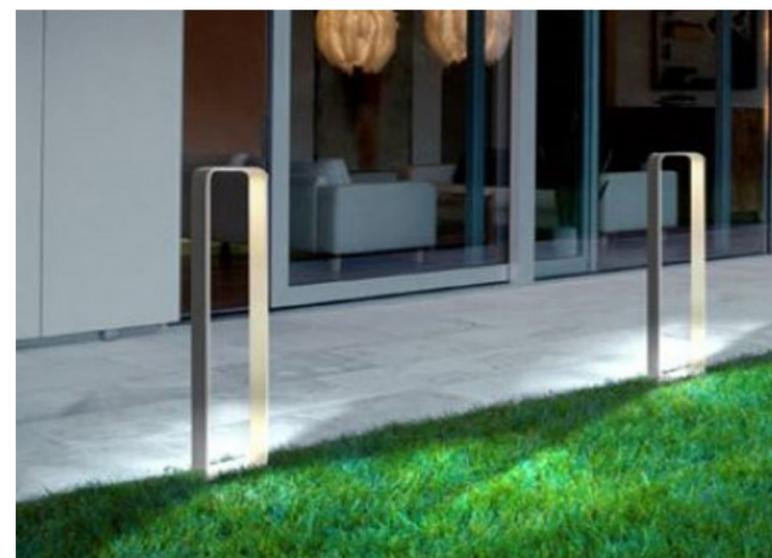


# SKIALIGHT





## liniLED® Handrail

The dimmable liniLED® Handrail (IP40/IP65) is a revolutionary, stainless steel (AISI 316L) handrail system, which has the same light benefits as a LED fixture: energy efficient with an expected lifetime of more than 50,000 hrs.

Designed for quick and easy installation, the liniLED® Handrail is suitable for indoor and outdoor usage. Due to the smart design, the liniLED® Handrail provides an astonishing light effect without interruption.

Dimensions	Round: Ø 42.4/ Ø 48.3 mm Square: 40x40 Rectangular: 60x40 mm
Finish	Brushed
Material	AISI 316L



## How to compose your liniLED® Handrail

As each lighting project is unique, all the components of the liniLED® Handrail are professionally customised. Therefore it is of great importance to provide a fully dimensioned plan, DWG files and detailed drawings, in addition to the useful basic steps below. For the complete overview of possible steps and costs, please visit our website: [www.liniled.com/request-for-quotation](http://www.liniled.com/request-for-quotation).



### liniLED® Handrail | Durable, luxurious & smart design

The stainless steel (AISI 316L) liniLED® Handrail is a revolutionary LED based handrail system that provides functional lighting for a safe environment. Due to the integrated liniLED® Top LED strips (24 V DC), the liniLED® Handrail has the same light benefits as a LED fixture: energy efficient with an expected lifetime of more than 50,000 hours. Ideal for long lasting, high-end indoor and outdoor (IP65) handrail solutions in various sectors, such as: architecture, infrastructure, construction, health and the entertainment industry.

#### Indoor & outdoor

The liniLED® Handrails are available in several shapes: rectangular, square and round (Ø42.4 mm and Ø48.3 mm). The maximum unit length of the handrail is 6 metres and can easily be connected mechanically or by welding. All handrails can be applied indoor and outdoor. However, the round 48.3 mm handrail is recommended for outdoor projects.

#### Easy installation & continuous line of light

The liniLED® Handrail components are designed for quick and easy installation and maintenance. All necessary parts which are required are readily available, such as: cables, connectors, profiles, brackets, adapters and couplers. Thanks to the smart design of the profiles, the power cables are fully integrated in the brackets and adapters. The special liniLED® Handrail couplers ensure a continuous light line, without any interruption.

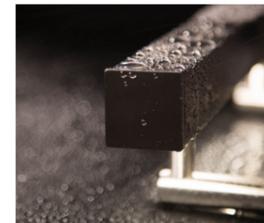
#### Important!

Consult a professional handrail installer, a licensed architect and/or structural engineer. Dimensions usually vary from the architectural plan, thus it is important that actual field dimensions are used. Take notice of the local rules and guide lines, as they can vary in each region or country. Therefore, the spacing/height of the post and wall bracket must also be determined by a (local) licensed architect or structural engineer. Consult an electrical installer or lighting designer to obtain the best possible light result.



#### Step 1: LED strip | Luminous intensity & colour

The liniLED® Handrail is illuminated with the liniLED® Top LED strips. These LED strips are available in three luminous intensities (Deco, Power and High Power) and various colours. Go to page 12 for more information about the liniLED® Top LED strips.



#### Step 2: Environment | Indoor or outdoor

The liniLED® Handrails are available in several shapes: rectangular, square and round. All handrails can be applied indoor and outdoor. However the 48.3 mm is recommended for outdoor projects.



#### Step 3: Cover | Clear or frosted

The liniLED® Handrail is standard delivered with a cover. Thanks to the cover, the liniLED® Top LED strip is protected against violence and/or damage. Depending on the desired light effect, you can choose between two types of covers: clear or frosted.



#### Step 4: Angles | Standard or customised

There are three standard angles for the liniLED® Handrails: 45°, 90° and 120°. Other angles can be customised upon request, for instance: ADA compliant. (ADA= The Americans with Disabilities Act).



#### Step 5: Mounting | Wall or post mounting & infill options

The liniLED® Handrails can be wall mounted or post mounted. All components are designed for quick installation and maintenance. In case of post mounting it is possible to install the liniLED® Handrail with several infill options, e.g. glass, cables, railings, etc.



reddot award 2015  
winner



### Clear or frosted covers

The liniLED® Handrail comes with a cover. Depending on the desired light effect, you can choose between a clear or frosted cover. When using the clear cover, the light dots of the liniLED® LED strip are visible. In case a more 'diffuse' light effect is desired, the frosted cover is the right choice. By using the frosted cover, the light dots of the LED strip are 'blurred'. The higher the luminous intensity of the strip, the more 'diffuse' the light effect will be. Regardless of which cover you choose: the liniLED® LED strips in the handrail are secured.



Clear covers 42.4 & 48.3 mm



Frosted covers 42.4 & 48.3 mm

### Standard & customised angles

There are three standard angles for the liniLED® Handrails: 45°, 90° and 120°. Other angles can be customised upon request, for instance: ADA compliant (ADA = The Americans with Disabilities Act).



Customised angles



45° angle



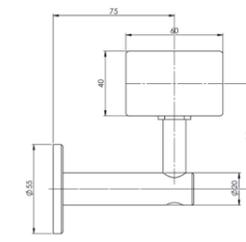
120° angle



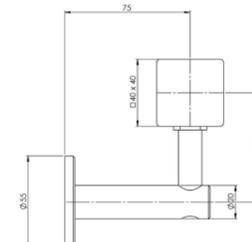
90° angle

### Wall mounting

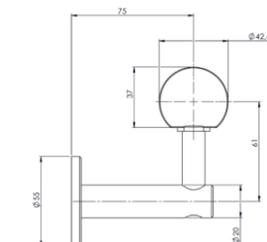
The wall bracket is designed for quick and easy installation. As shown on the image below the position of the bracket can easily be modified. Due to the special design, the wall bracket can move freely in the profile to ensure a continuous light line.



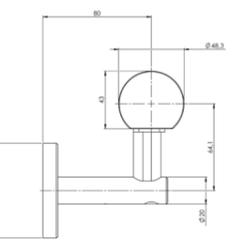
Rectangular 60x40 mm



Square 40x40 mm



Round Ø 42.4 mm



Round Ø 48.3 mm

### Post mounting

As well as the wall bracket, the position of the adapter can easily be adjusted to ensure a continuous light line. The liniLED® Handrail can be delivered with several infill options, such as: glass, cables and railings. It is possible to prefabricate the posts. For example: If glass infill is desired, the posts can be customised with glass clamps. Ask us about the customised options.



Post mounting



Wall mounting



Glass infill option



# SKIALIGHT

