

LINEAR LENS

With Häfele's Linear Lens, experience brilliance like never! The well thought-out, patented lighting solution helps provide enhanced illumination in the targeted area and is ideal for kitchen worktops and for cupboard or shelf lighting applications. It can also function as wall washers in living areas.

While the Häfele Loox5 Range of Profiles and Strip Lights provide flawless accents that create a welcoming ambience, the new, made in Germany, linear lens presents a compelling take on task lighting. Its asymmetrical form bundles the light from the LED strip and directs it into a limiting angle which helps double its brightness in the desired focus area. Crafted exclusively to aid integration of lighting into furniture construction, the linear lens diffuses almost the entire light output onto the work area, with the slightest scatter loss and an extremely diminished glare effect.



Coverage with Häfele Linear Lens

HÄFELE LINEAR LENS SETS NEW STANDARDS

THE LENS ACHIEVES THE FOLLOWING IMPROVEMENT OVER A TRADITIONAL PROFILE LIGHT WITHOUT A FOCUSING LENS

- **BRIGHTER:** Increase in illuminance (in lx) by **100%** which means that the Linear Lens amplifies the light and, optimally distributes and guides it in the desired focused area
- **GLARE-FREE:** Directed light distribution reduces glare by **85%** in undesirable areas.



Standard Coverage

PRODUCT DETAILS:

- Material: PMMA* (Lens), Aluminium (Profile)
- Mounting: Recessed
- Protected Häfele in-house assortment, made in Germany with certified Häfele standards
- Fully compatible with the Häfele Loox5 Lighting System. Can be used with the standard 5 mm and 8 mm strip lights
- Can be controlled via the BLE Mesh (to be launched) with the smartphone APP or Loox Range of Switches
- Quick assembly, easy configuration and straight-forward operation

*Polymethyl Methacrylate Acrylic

INNOVATION. THAT'S WHAT THE HAFELE LINEAR LENS STANDS FOR.



PRODUCT INNOVATION: The lens attacks the light directly above the LED chip which helps augment the overall light output. It also functions as a cover for the Linear Lens Aluminum Profile.



LIGHT INNOVATION: Currently, there exists no linear lens technology developed and optimised for the needs of furniture lighting. Häfele together with the renowned lighting technology institute, Bartenbach GmbH from Austria, has designed this lens with an objective of achieving targeted light diffusion over work surfaces.



CRAFT INNOVATION: The lens is specifically tailored to the needs of the furniture installers. Although it functions differently as compared to a conventional profile light, it can be assembled and installed just as easily, ensuring error-free operations.



FURNITURE INNOVATION: The development of this lens, makes light a fundamental extension to the way furniture is perceived. Almost the entire light output, with only the slightest scatter loss, is well distributed onto the work area.



SYSTEM INNOVATION: The Linear Lens works flawlessly with the Loox5 Strip Lights. The control takes place either via the Loox Switch Range or via the latest Häfele Connect System - BLE mesh technology (to be launched).

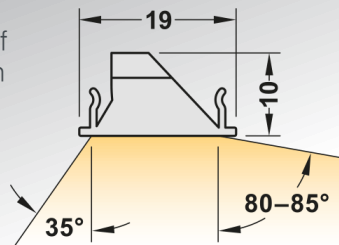


Click to view video

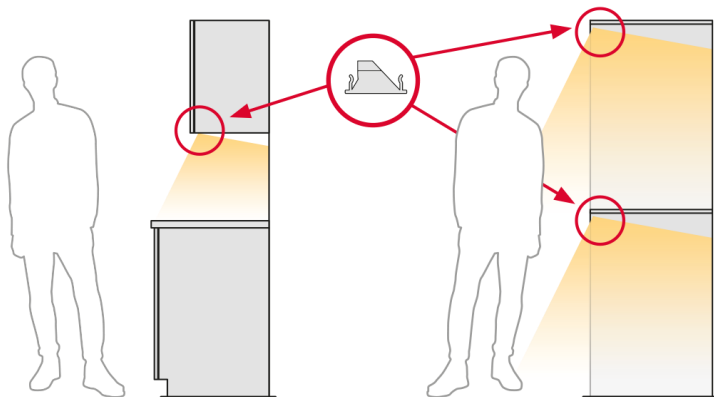
APPLICATION

The linear lens has a beam angle of approximately 120° in cross-section (-35° to +85°).

It provides 80 - 85° illumination in the functional area.



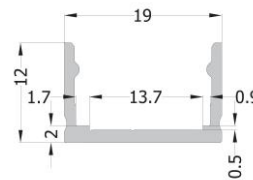
Recessed mounting; ideal for kitchen worktops and for cupboard or shelf lighting applications. Can also function as wall washers and curtain grazers in living areas.



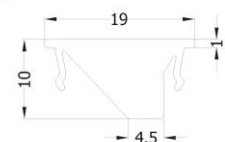
Kitchen Countertops

Storage Spaces

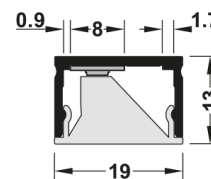
TECHNICAL DIMENSIONS



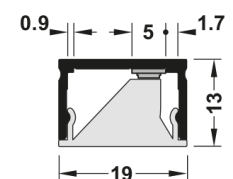
Profile: Cross Section



Linear Lens: Cross Section



With 8 mm Strip Light



With 5 mm Strip Light

ORDERING INFORMATION

Article No.	Description Dimension (LxDxH)
833.89.300	Linear Lens 2500 x 19 x 10 mm
833.01.870	Profile for Linear Lens 2500 x 19 x 12 mm
833.01.764	End Caps 19 x 13 x 4 mm