

15° LINEAR LENS



With Häfele's 15° Linear Lens, your surroundings have never looked brighter!

The commitment to continuous innovation and technological advancement has led to the birth of Häfele's linear lens technology which provides a revolutionized approach towards both functional and accent lighting alike, in any area where enhanced illumination is desired.

Made in Germany in compliance with Häfele standards, the new 15° Linear Lens helps achieve brighter lighting over larger distances. The narrower angle of the lens makes it possible for the light to have a **higher intensity** and a better reach with **minimum scatter loss**. This makes it perfect for high ceiling applications in homes and other large spaces like shopping malls, airport terminals and offices. Dramatic light and shadow effects with wall and curtain grazing can be achieved in order to add depth to your surroundings - be it accentuating the texture of a stone or brick wall in a particular area of the house or attaining selective focus on valuable artifacts and paintings in homes, museums or galleries; the possibilities are endless.

The 15° Linear Lens can be easily controlled via the Häfele Connect Mesh Box through the smartphone application or with the Loox Range of Switches. Quick assembly, easy configuration and straight forward operation make this lens a must have product for your interiors.

15° LINEAR LENS IS...

- > **BRIGHTER OVER A DISTANCE:** Increase in illuminance (in lx) compared to standard diffuser-based profile lights which means that the 15° Linear Lens amplifies the light and owing to the narrow beam angle, guides it towards the desired area of focus with minimal scatter loss
- > **VERSATILE:** Can be used in wall / curtain grazing and accent lighting applications in different residential and commercial areas



5 YEARS
Guarantee

INNOVATION IS WHAT 15° HÄFELE LINEAR LENS IS ALL ABOUT..



PRODUCT INNOVATION: While diffuser-based profile light is used for homogeneous lighting, lens-based profile lighting is better for applications that need brighter light intensity at a larger distance. The lens attacks the light directly above the LED chip which helps augment the overall light output. The smaller angle of the 15° Linear Lens provides a narrow light beam that travels more distance with minimal loss, compared to other conventional diffuser-based profile lights commonly available in the market.



CRAFT INNOVATION: The lens is specifically tailored to cater wall and curtain grazing applications. Although it functions differently as compared to a conventional profile light, it can be assembled and installed just as easily, due to its plug and play system ensuring error-free operations.



LIGHT INNOVATION: The products currently available in the market for ceiling lighting are not conducive to installations over larger lengths due to complexities in their construction and installation. Häfele's 15° Linear Lens with a length of 2000 mm makes continuous installation across the lengths of entire rooms not only possible but also simple.

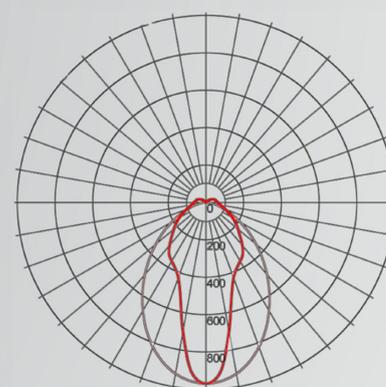
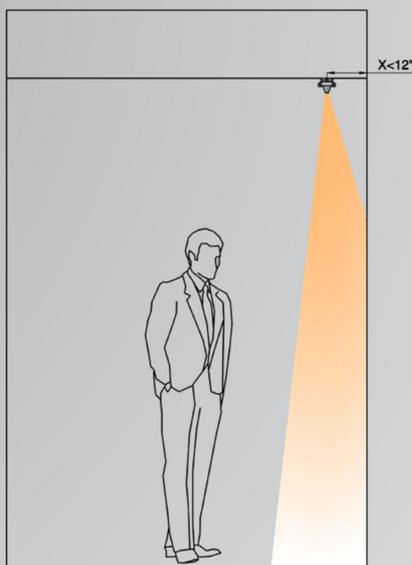


SYSTEM INNOVATION: The 15° Linear Lens works flawlessly with the Loox5 Strip Lights. The control takes place either via the Loox Switch Range or via the latest Häfele Connect Mesh Box System.

APPLICATION

The linear lens has a beam angle of 15° causing the light intensity to be higher even at a farther distance.

Surface mounting; ideal for wall and curtain grazing applications in residential spaces, retail shopping areas, airport terminals, commercial spaces, hotels and banquet halls, museums and galleries.



Light Distribution

PRODUCT SPECIFICATIONS

- > Material: PMMA* (Lens), Aluminium (Profile)
- > Mounting: Surface
- > Häfele in-house assortment: 15° Linear Lens is manufactured in Germany adhering to certified Häfele standards
- > Fully compatible with the Häfele Loox5 Lighting System. Can be used with Loox5 5 mm and 8 mm LED strip lights
- > Operated via Häfele Connect Mesh through the smartphone application or switches from the Loox Range
- > Quick assembly, easy configuration and straight-forward operation

* Polymethyl Methacrylate



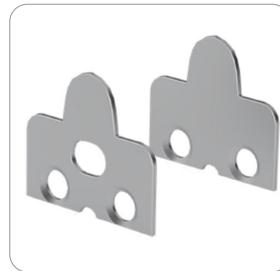
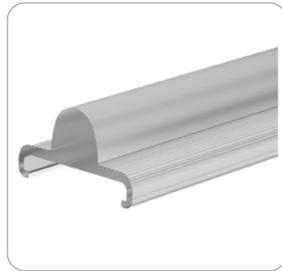
Wall Grazing:
Residential Spaces / Museums / Galleries



Wall and Curtain Grazing:
Bedrooms / Hotel Rooms

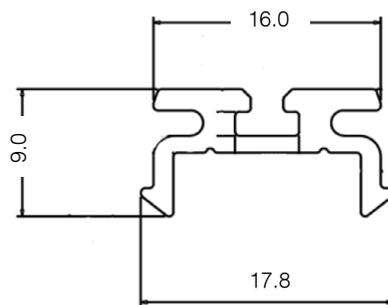
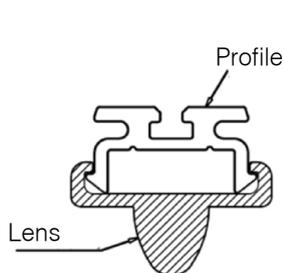
ASSEMBLY

Aluminium Profile + 15° Linear Lens + Pair of End Caps with Screws* = 15° Linear Lens Profile (assembled)

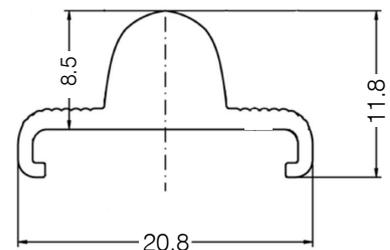


* The pair includes one end cap with a slot to route electrical wires through it. This end cap can be installed on either side based on the electrical wiring and position of the power supply.

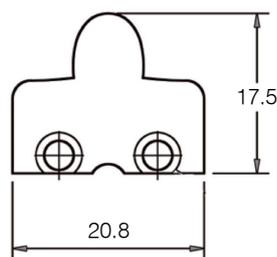
TECHNICAL SPECIFICATIONS



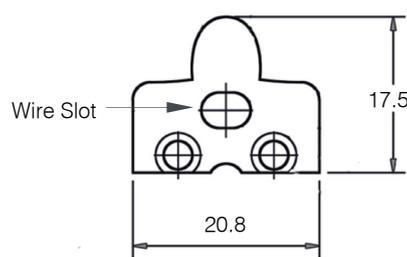
Profile: Cross-section



Lens: Cross-section



End Cap (Without Slot)



End Cap (With Slot)

ORDERING INFORMATION

Article No.	Description
833.72.959	15° Linear Lens Kit Consisting of: 1 x 15° Linear Lens, 2000 (L) x 21(W) x 12 (H) mm 1 x Profile for Linear Lens, 2000 (L) x 17.8 (W) x 9 (H) mm
833.01.942	2 x End caps , 20.8 (W) x 17.5 (H) mm