

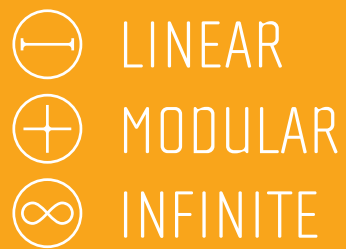


XOOLINE™

The linear Allrounder

LED LINEAR™

A Fagerhult Group Company



XOO LINE™

COMPACT AND POWERFUL

- Light is the ultimate way to lift good architecture. Applying accent light to enhance a wall structure or using a wall flooding to highlight a piece of art, will create an incredible atmosphere. In order to get it right though, a high quality luminaire is needed. This is why XOO LINE™ was developed.
- XOO LINE™ is a minimalistic modular luminaire suitable for wall flooding, wall grazing and general lighting. The IP rating ranges up to IP67, enabling outdoor use. A possible output of 5,100 lm/m combined with a color temperature (CCT) ranging between 2,000 K to 5,000 K makes XOO LINE™ a multifunctional luminaire. The range of optics and covers offer the modularity needed to create the best lighting concepts over a wide range of applications.
- Thermal heat management is crucial when designing a minimalistic luminaire and by the use of the LED Linear™ Tj Away® technology, the small form factor was possible.

KEY FEATURES

LINEAR

The minimal linear form factor of XDOOLINE™ enables installation in small and narrow spaces. This makes it possible to highlight walls and set accent illumination of shelves or as cove lighting despite space limitations. The linear design provides a better light distribution than round equivalents and it is possible to mount the luminaire closer to the wall.

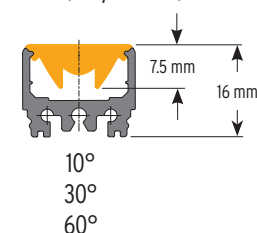


MODULAR

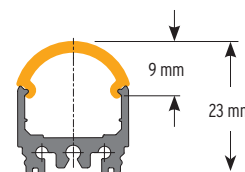
The luminaire is freely scalable up to 2 m with a lumen output ranging between 390 lm/m - 5,100 lm/m and a wide range of color temperatures. A high degree of modularity is also achieved through 11 different optics. These components all add up to the total freedom of creativity for lighting designers and architects.

THE LIGHTING TOOLBOX

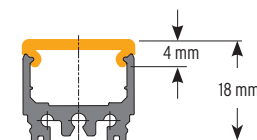
Lenses (only in IP40)



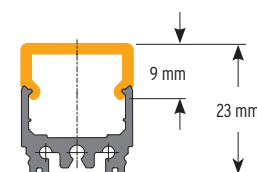
Covers



Round
clear
diffuse
opal



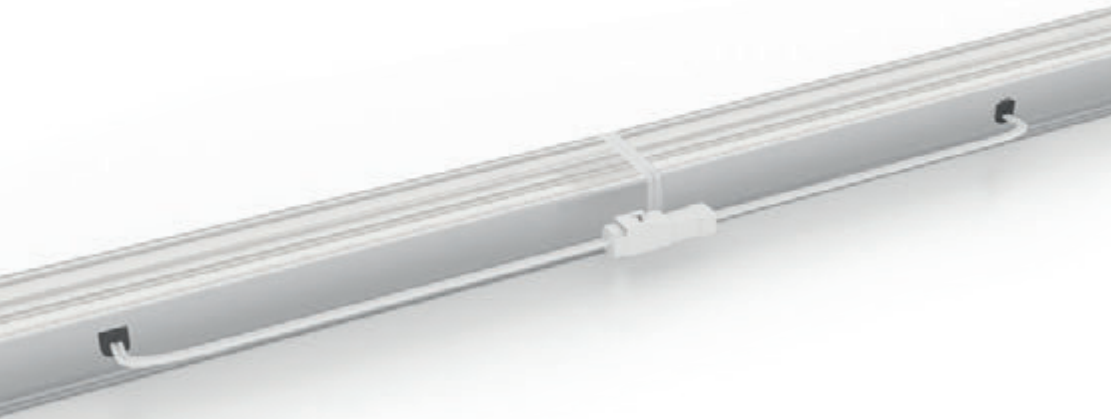
Flat
clear
diffuse
opal



High square
diffuse
opal

INFINITE

The translucent end caps make it possible to create infinite lines of light. This enables a consistent light emission together with a fully homogeneous illuminating surface fixture to fixture overlap without visible light gap between the luminaires via lateral cable routing.



Thames Tower, London

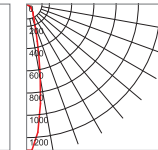
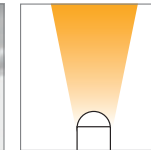
Photo: Jack Hobhouse

LENSES



10°

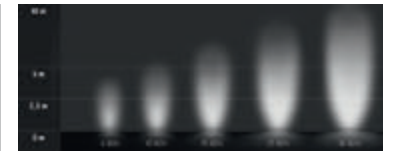
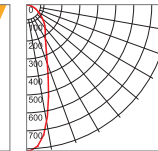
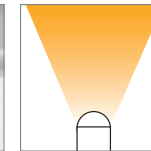
Narrow



The 10° Lens is suitable for wall grazing

30°

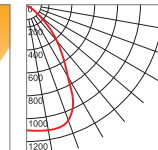
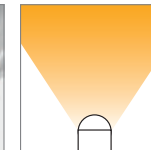
Medium



The 30° Lens is suitable for general-, accent- and decorative illumination

60°

Wide



The 60° Lens is suitable for general-, accent- and decorative illumination and wall flooding

TECHNICAL DATA

- Lumen output ranging from 390 lm/m to 5,100 lm/m
- Color temperatures for IP40 available in: 2,000 K – 5,000 K
- Color temperatures for IP67 available in: 2,500 K – 9,600 K
- Efficiency up to 143 lm/W
- CRI: Up to 98
- Up to 11 different optics
- Lifetime 60,000 h L80/B10
- RGB lifetime 30,000 h
- IP40 and IP67
- Available in White, Tunable White, RGB and RGB W
- Available as High Efficiency, High CRI or Ultra High CRI version

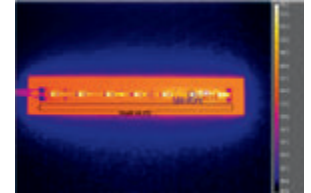
This list of figures reflects LED Linear's core design value: Modularity. XOOLINE™ offers a high flexibility to lighting designers and architects, making its implementation possible in any architectural concept. The wide range of color temperatures and lumen output in combination with the various covers and reflectors accomplishes the luminaire.

LIGHTING INNOVATIONS

Tj Away®

LED LINEAR™ TECHNOLOGY

XOOLINE™ embeds the LED Linear™ Tj Away® technology which provides optimal heat dissipation of the LED to the housing profile. This enables the miniaturization of the luminaire's footprint while ensuring an extended lifetime compared to conventional LED technologies.

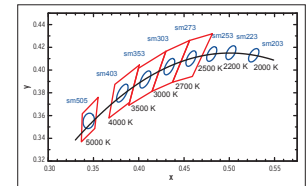


Experimental setup: 40 W/m LED tape with thin flexible PCB mounted on flat aluminum plate LED temperature does not exceed 60°C.



**ONE
BIN
ONLY**

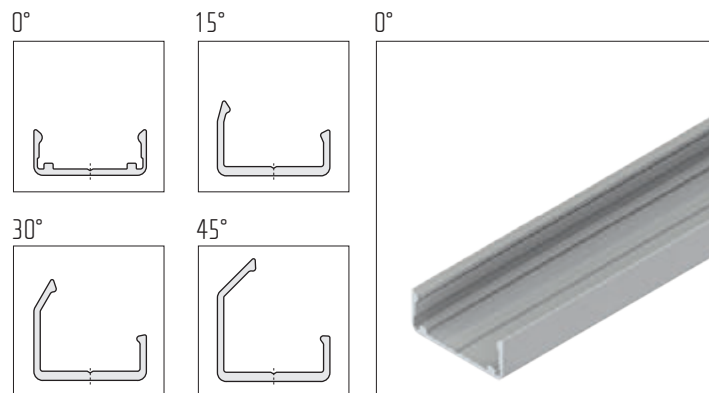
Color consistency plays a key role as much as homogeneity in any linear lighting application. To ensure an outstanding quality of the light, LED Linear™ introduced One Bin Only which ensures that all LEDs used in our luminaires are picked from one bin centered on the target CCT within a 3 step MacAdams Ellipse. They are used to determine visual color deviations and indicate differences in light color of individual LEDs. 3 step MacAdam ensures a color variation unnoticeable by the human eye and therefore an optimal lighting quality.



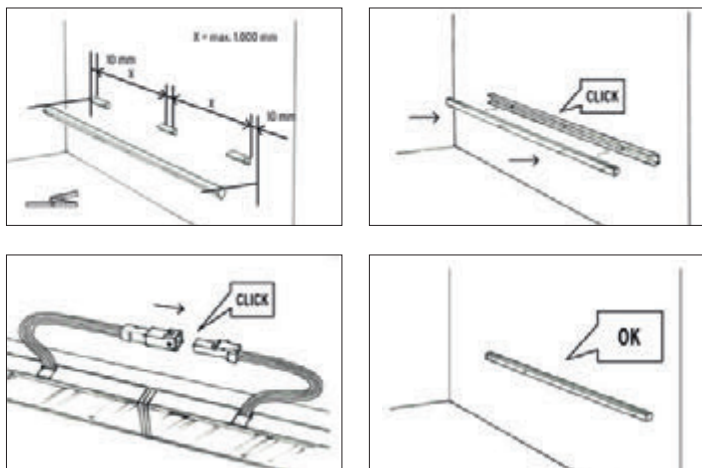
Black Body Curve
LED Linear™ Binning
ANSI Binning

MOUNTING

CLIPS / CHANNEL



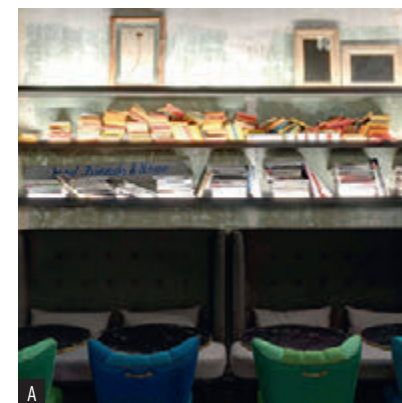
INSTRUCTIONS WITH A CHANNEL EXAMPLE



REFERENCES



Illumination over the entire surface setting accents with soft light



Accent lighting for bars, hotels and stores



Atmospheric and invisible light for entrance areas with high ceiling

A | Concept Store & Café Jaime Beriestain, Barcelona | Photo: Miguel Coll

B | HOME LAB' furniture store entrance area, North France

Please scan the QR Code for more
detailed information about

XOOLINE™ IP40



XOOLINE™ IP67



XOOLINE™ IP40 / IP67



LED Linear™ GmbH
Dr.-Alfred-Herrhausen-Allee 20
47228 Duisburg
Germany
Phone: +49 2065 94322-100
Fax: +49 2065 94322-120
info@led-linear.com

www.led-linear.com

