

LED LINEAR™

A Fagerhult Group Company

ULTIMA IP40

Precision creates ultimate excellence.



Sporthotel Krone
Churwalden, Switzerland

At LED Linear™, every solution is designed, engineered and manufactured in Germany. Built around the specific requirements of each project, our lighting systems are developed for precision, reliability and long-term performance.

Our products deliver consistent results in everyday applications over exceptionally long lifetimes. From subtle accents to complex lighting concepts, every detail is created to integrate seamlessly into architecture and endure over time.

LED Linear™

WE DON'T DESIGN LIGHT TO BE SEEN.
WE DESIGN IT TO BE FELT.

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Key features

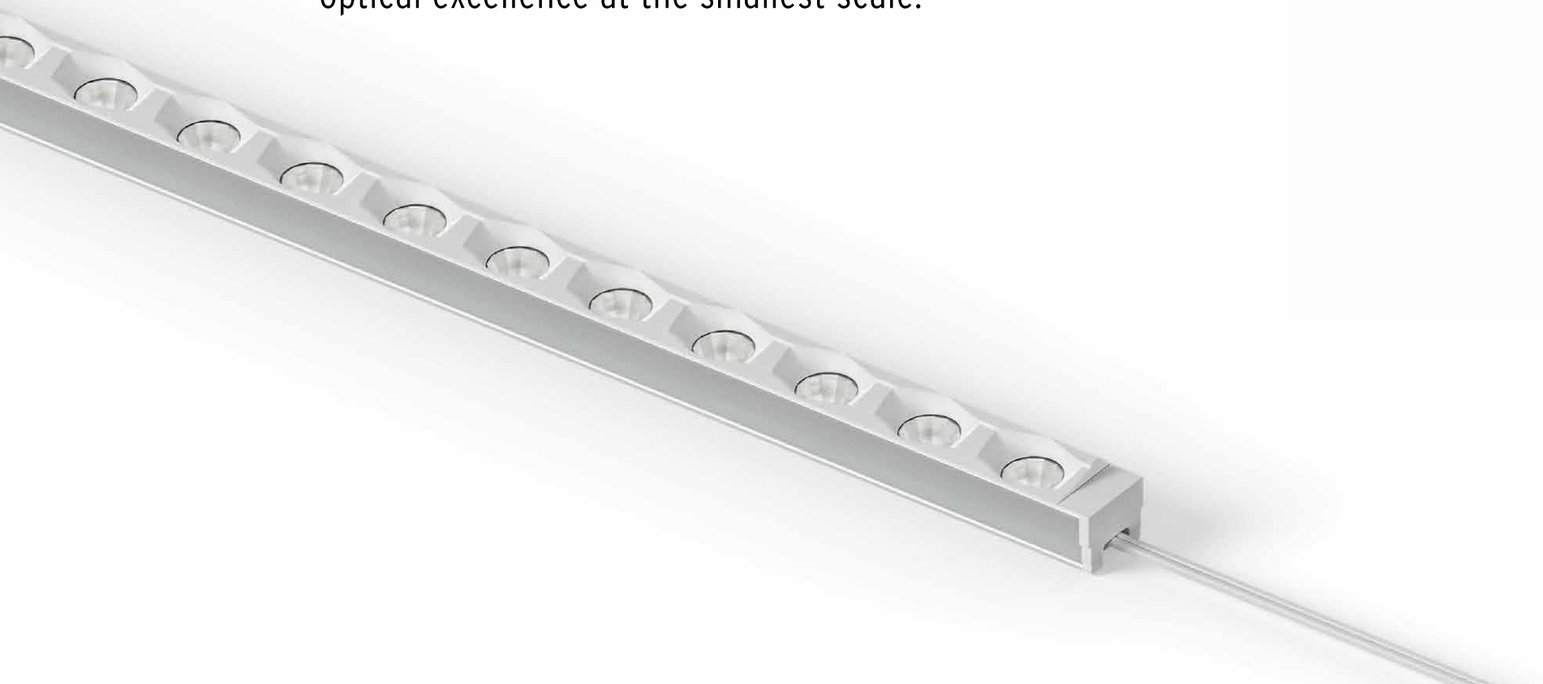
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Our LEDs stand out for their excellent quality, optimal thermal management, precise current control, and comprehensive quality testing. Produced using our own reel-to-reel manufacturing process, these light engines are the heart of every lighting system, delivering exceptional light quality and consistency. Combined with seven high-performance nano-optics and extensive in-house validation, they ensure precise beam control and outstanding visual comfort within an exceptionally small footprint.

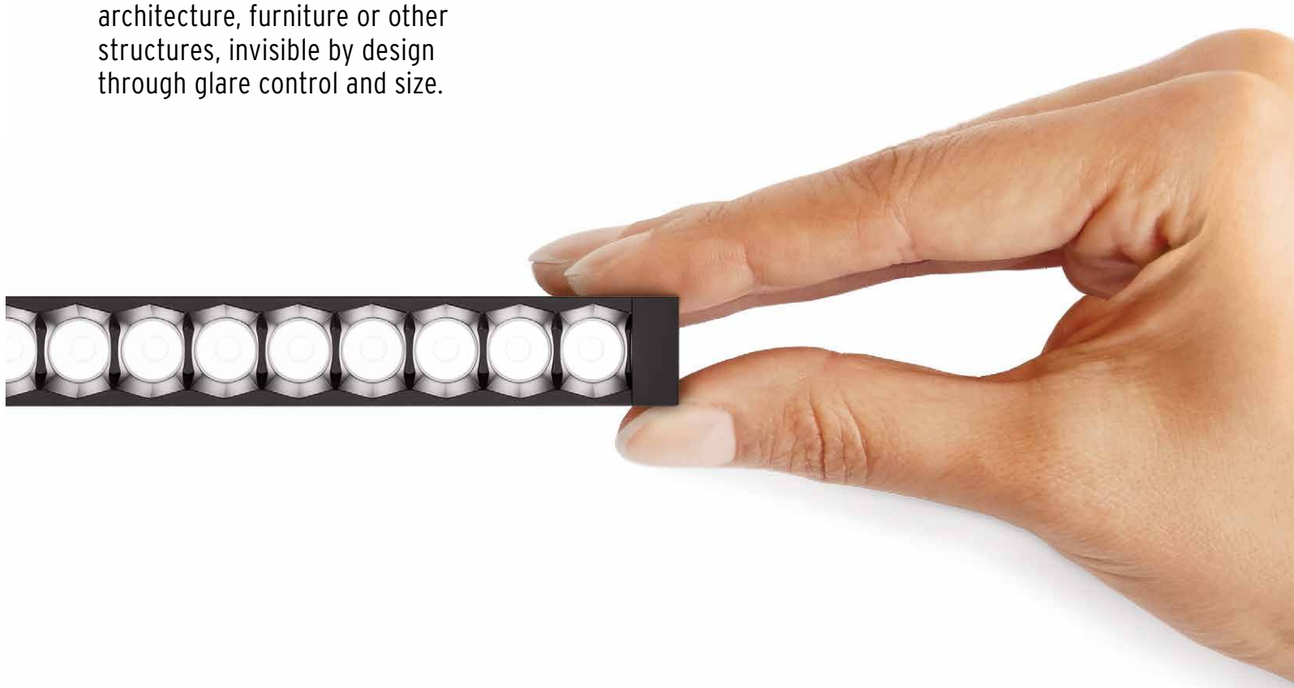
This enables ULTIMA IP40 to be an ultra-compact linear LED system where precision creates ultimate performance. Designed for exceptional freedom of use, built to achieve maximum lightness and engineered for optical excellence at the smallest scale.



Exceptional freedom of use.

ENDLESS CREATIVITY.

ULTIMA offers ten different mounting options, flexible cabling and tilting for alignment on site – seamlessly integrated into architecture, furniture or other structures, invisible by design through glare control and size.



Housing colors

Scale 1:1

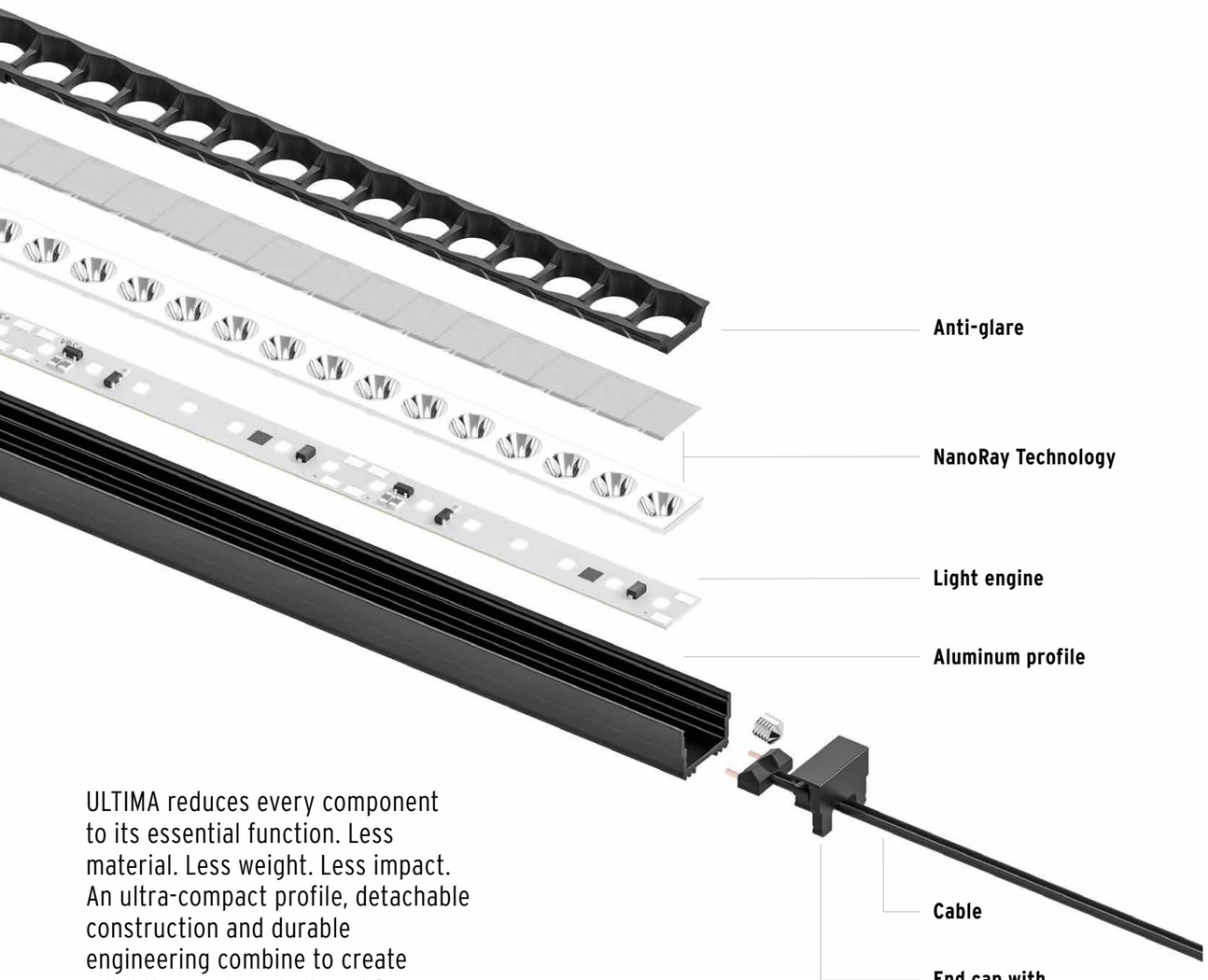


silver/ white

black

Designed to achieve maximum lightness.

PURE TECHNOLOGY.



ULTIMA reduces every component to its essential function. Less material. Less weight. Less impact. An ultra-compact profile, detachable construction and durable engineering combine to create a lighting system designed for longevity, recyclability and an exceptionally small ecological footprint.

Optical excellence downsized to a minimum.

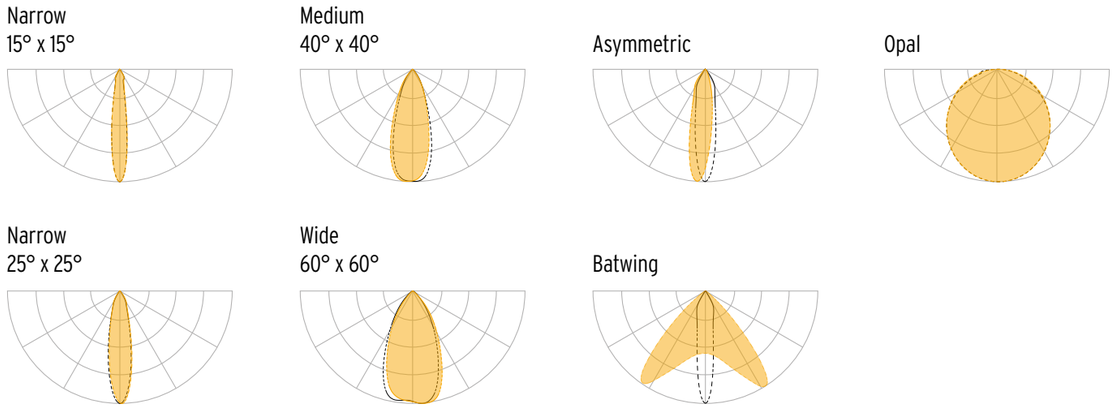
STREAMLINED PERFORMANCE.

ULTIMA brings advanced optical performance to the smallest scale. Seven high-performance nano-optics provide precise light control from narrow to asymmetrical distributions, while integrated glare control and high efficacy ensure exceptional visual comfort and performance.

125 lm/W

Luminous flux up to 2,910 lm/m
Static white and tunable white
Up to 25 W/m within smallest cross-section
Scalable length up to 4 m / 13.1 ft

LIGHT DISTRIBUTIONS



Reducing material. Extending value.

ENVIRONMENTALLY MINDFUL.

The most sustainable material is the one that's never used. ULTIMA minimizes material consumption through its ultra-compact design, reducing weight, transport effort and installation space. Detachable components support repair, replacement and material separation, extending product life while enabling efficient recycling.

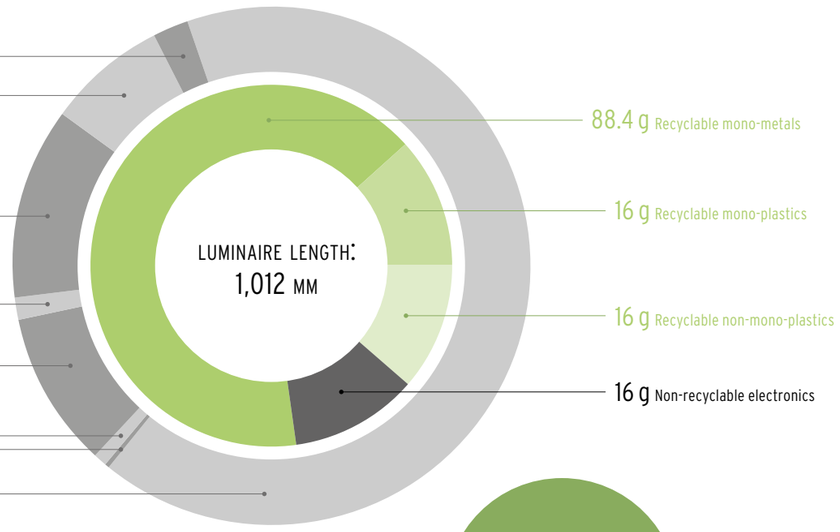
EPD Hub

Download EPD



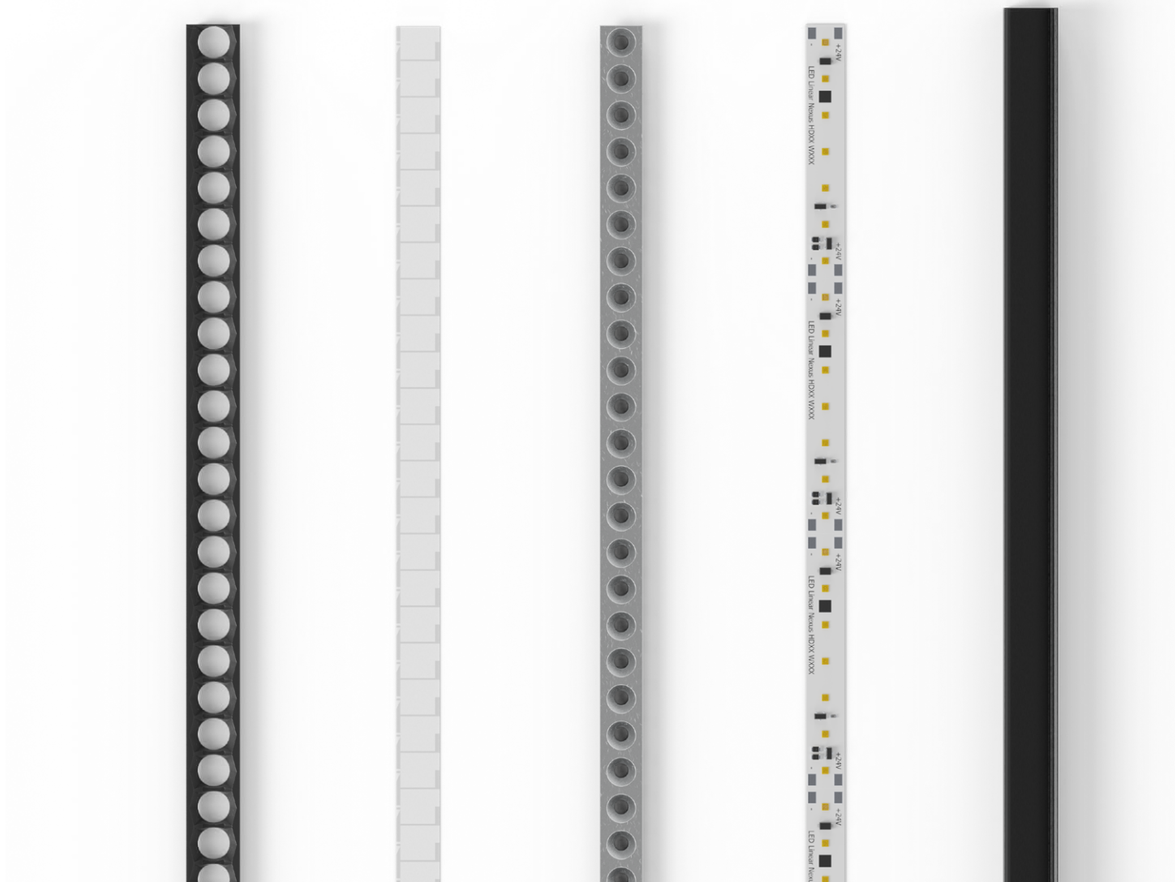
133.4 grams*
overall weight

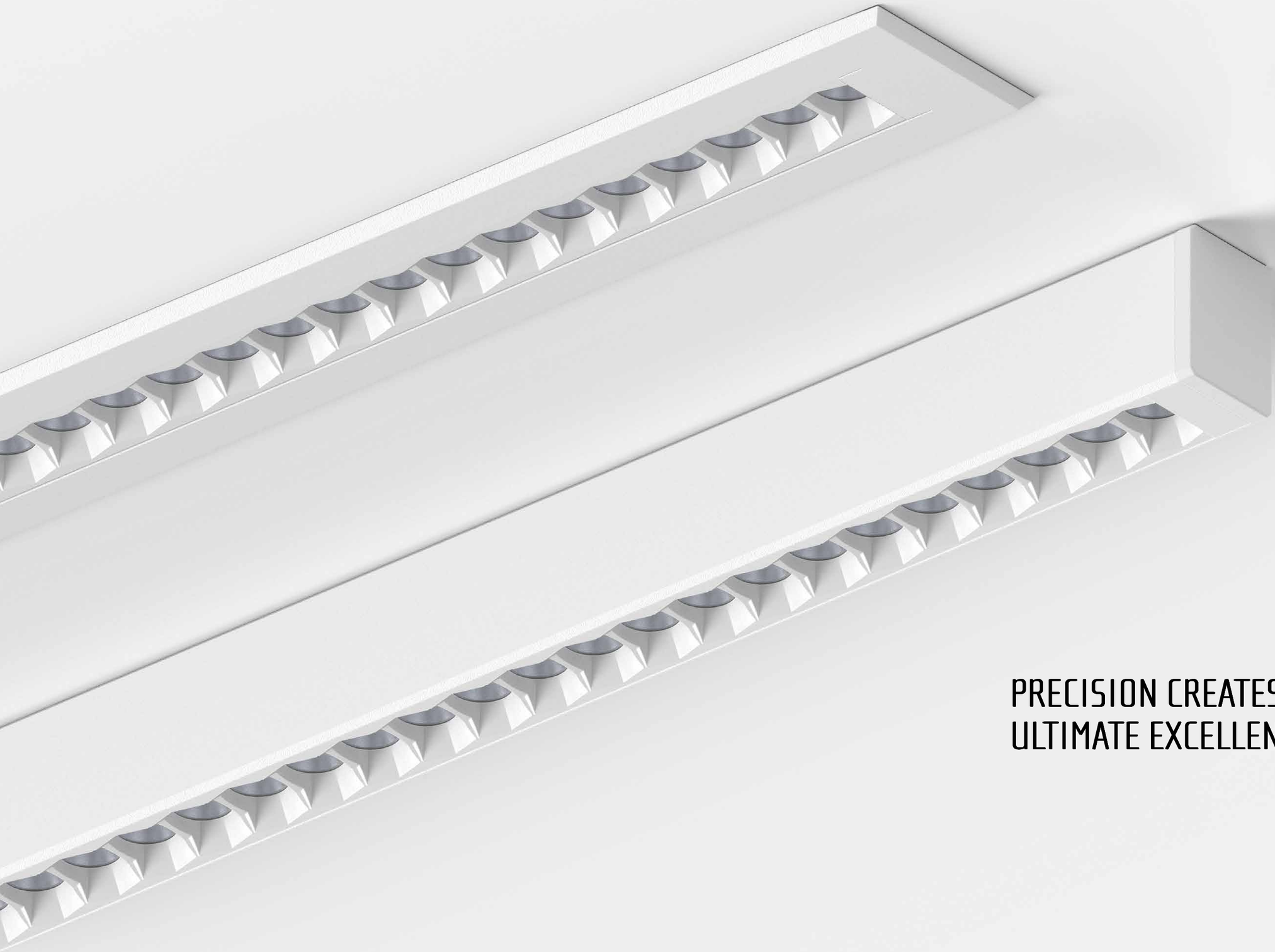
120.4 grams
recyclable material



90 % recyclable

* luminaire weight without power supply unit (PSU)



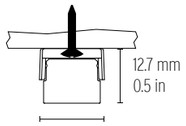


PRECISION CREATES
ULTIMATE EXCELLENCE.

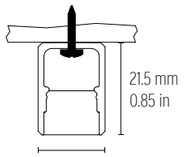
Made to adapt.

VERSATILE MOUNTING.

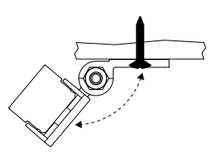
A wide range of mounting options allows ULTIMA to integrate seamlessly into architecture, furniture and custom applications. Its compact design adapts to different requirements while maintaining the same precision, visual comfort and optical performance in every configuration.

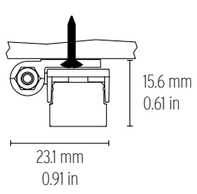




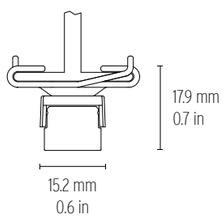


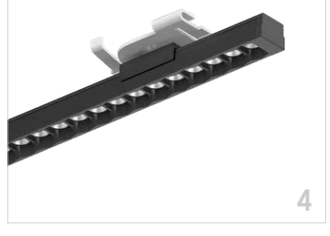


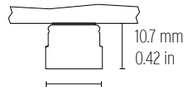


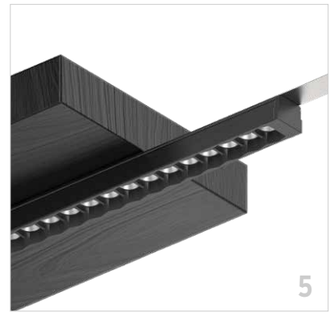


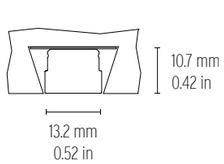


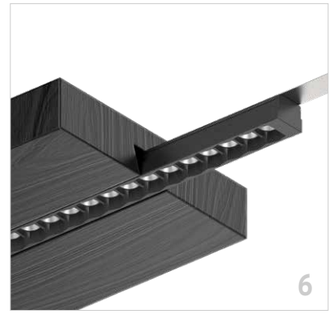


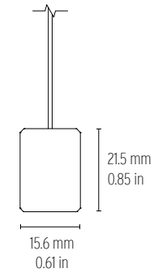




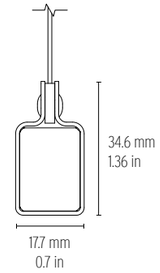




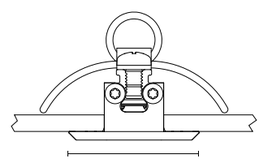


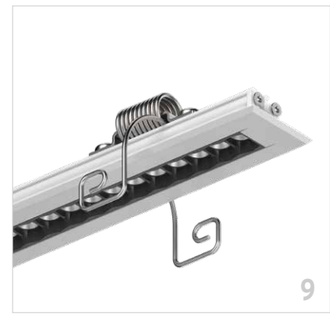






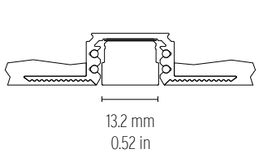






Mounting options

1 Surface mounting with clip
2 Surface mounting with high mounting profile
3 Surface mounting with adjustable clip
4 Mounting with grid clip
5 Surface mounting with magnet
6 Recessed mounting with magnet
7 Pendant with wire
8 Pendant with wire and loop
9 Recessed with trim
10 Recessed trimless







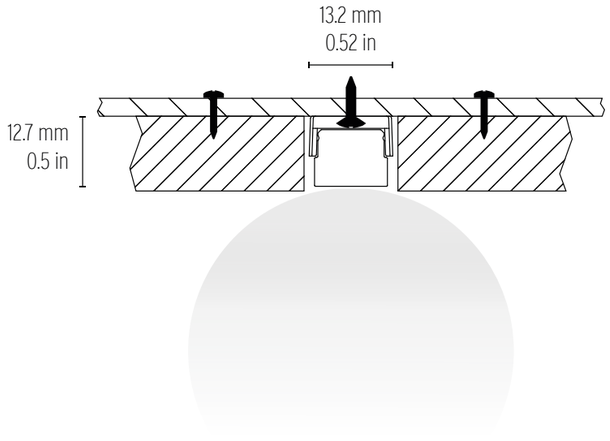
Commercial building
Zurich, Switzerland

CREATING COMFORTABLE ENVIRONMENTS.

Corridors guide movement through a building and connect its different spaces. The ceiling structure creates rhythm, proportions guide the eye, and materials shape the atmosphere. Light should reinforce these qualities with uniform brightness and visual comfort – present enough to shape the experience, discreet enough to let the architecture remain the focus.

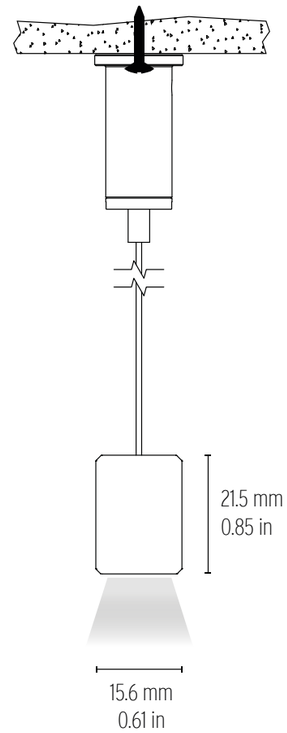
Installation
Opal optic
CRI > 90 at 3,000 K
20 W/m and up to 1,150 lm/m
Surface-mounted with high mounting profile (HMP)
Black-colored profile

General lighting
General lighting should provide brightness without creating distraction. ULTIMA achieves this through uniform illumination, balanced light distribution, and a highly compact design. The result is a visual environment that supports everyday use while maintaining a calm, comfortable and welcoming atmosphere.



SUPPORTING FOCUSED WORK.

A meeting room must support different ways of working throughout the day. Ideas are exchanged, decisions are made and digital information is shared. Discussions around the table, presentations on screen and individual laptop work all require comfortable, reliable lighting. Good lighting adapts to every task without drawing attention to itself – the space feels bright, focused and inviting, while visual distractions are kept to a minimum.



Task lighting
Task lighting requires precise illumination where visual tasks are performed. ULTIMA delivers this with visual comfort through integrated glare control and precise light distribution. The compact luminaire provides efficient, comfortable light that supports concentration while integrating discreetly into the workplace.

Installation
40° x 40° light distribution
CRI > 90 at 3,000 K
20 W/m and up to 1,620 lm/m
Pendant (PC)
White-colored profile with black anti-glare

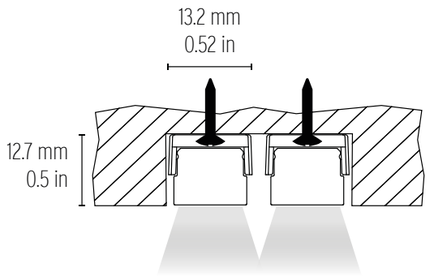
Light Campus
Duisburg, Germany

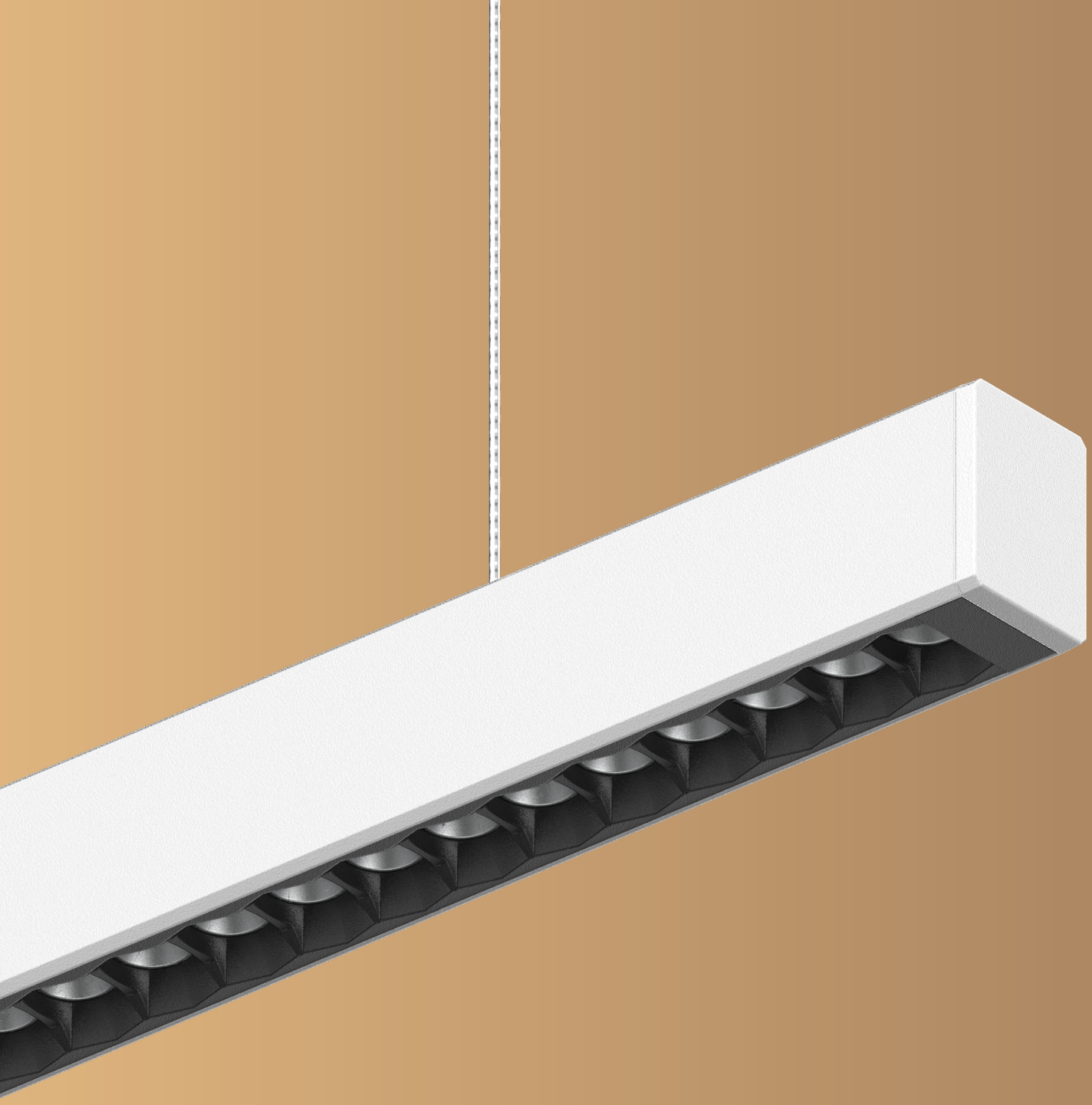
HIGHLIGHTING WHAT MATTERS.

Retail spaces are designed to guide attention toward carefully selected products and displays. The materials, textures and colors of the displayed products should be experienced exactly as intended. Light creates this focus through precise emphasis and controlled contrast. Integrated seamlessly into the ceiling, the lighting itself fades into the background while the displayed object becomes the visual highlight.

Accent lighting
Accent lighting creates visual focus through precise and controlled illumination. ULTIMA delivers this with narrow beam distributions, excellent glare control, and discreet architectural integration. The compact luminaire highlights products and details with accuracy, creating contrast and visual depth while maintaining a minimal visual presence.

Installation
15° x 15° light distribution
CRI > 85 at 2,700 K
and CRI > 90 at 5,000 K
25 W/m and up to 1,520 lm/m
Recess-mounted with plastic clip (PCL)
Black-colored profile with black anti-glare





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