

A modern interior space, likely a lounge or office area, featuring a high ceiling with a dark, slatted design. The ceiling is illuminated by numerous thin, linear LED lights that create a warm, ambient glow. The room has large windows on the left side, offering a view of the outdoors. The furniture includes white sofas, teal armchairs, and small round tables. In the background, there are tables and chairs, suggesting a dining or meeting area. The overall aesthetic is clean, minimalist, and contemporary.

LED LINEAR™

A Fagerhult Group Company

ULTIMA

Technological Breakthrough

# ULTIMA

LED LINEAR™

A Fagerhult Group Company



reddot winner 2020  
lighting design

BUILD  
BACK  
BETTER  
GOLD



GERMAN  
DESIGN  
AWARD  
WINNER  
2021



GERMAN  
INNO  
VATION  
AWARD 21  
WINNER



SAPPHIRE  
AWARDS  
2021 Winner



1

## optical precision

Second generation nano optics of ULTIMA delivers precise and crisp lighting distributions while ensuring accurate glare control, UGR <13.



2

## architectural integration

Various mounting and cable configurations allow ULTIMA to be integrated seamlessly into the architecture.



3

## sustainable design

ULTIMA's compact design reduces the amount of raw materials used by 91% compared to legacy light lines.

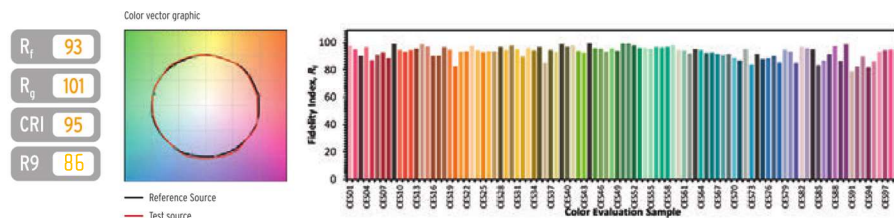


# FEATURES AT A GLANCE



## COLOR RENDITION, CONSISTENCY & COLOR TEMPERATURE CCT

### Color rendition (@ 3,000 K)



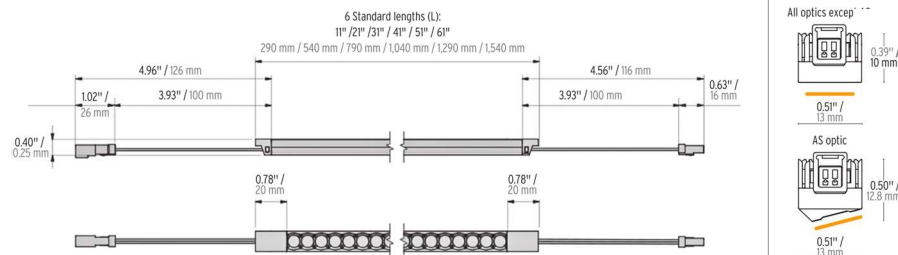
### Binning

3 SDCM with a binning tolerance of +/- 0.003 (True 3 step MacAdams)

### Available CCT

2200 2700 3000 3500 4000 5000 Kelvin

## DIMENSIONS



## LUMEN OUTPUT

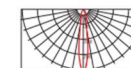
From 70 lm/ft up to 840 lm/ft @ 3,000 K

### 5 Power Levels

1.8 W/ft, 3.1 W/ft, 4.6 W/ft, 6.1 W/ft and 7.6 W/ft

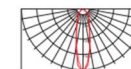
## MOUNTING OPTIONS

Surface Mounting Clips  
Recessed Mounting  
Grid Ceiling Mounting (15/16")  
Magnetic Mounting



### Spot (15°)

Color over Angle = +/- 110 K  
UGR = 13 (B); 16 (W)



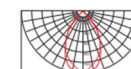
### Spot wide (25°)

Color over Angle = +/- 25 K  
UGR = 13 (B); 16 (W)



### Mid Flood (40°)

Color over Angle = +/- 55 K  
UGR = 14 (B); 16 (W)



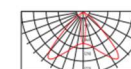
### Wide Flood (60°)

Color over Angle = +/- 75 K  
UGR = 17 (B); 20 (W)



### Opal

Color over Angle = +/- 15 K  
UGR = 25 (B); 26 (W)



### Batwing

Color over Angle = +/- 90 K  
UGR = 27



### Asymmetric

Color over Angle = +/- 70 K



### Finish Options

Black Nano Louver / Black Endcap  
White Nano Louver / White Endcap  
Opal Cover / Black Profile / Black Endcap  
Opal Cover / Silver Profile / White Endcap

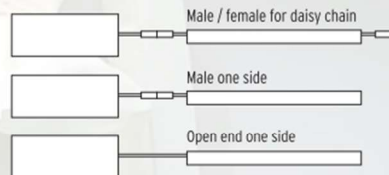
# ULTIMA-S

## STAND-ALONE LUMINAIRE

Ideal for furniture integration, showcase or display lighting, integration on grid ceilings or as surface mounted.

Intelligent end cap enabling to orient the cable feed in the desired direction (back, left or right side) while keeping it hidden.

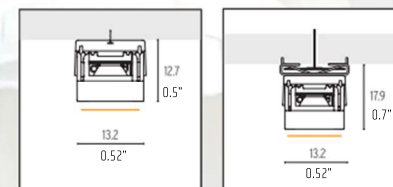
Remote 24 V Driver



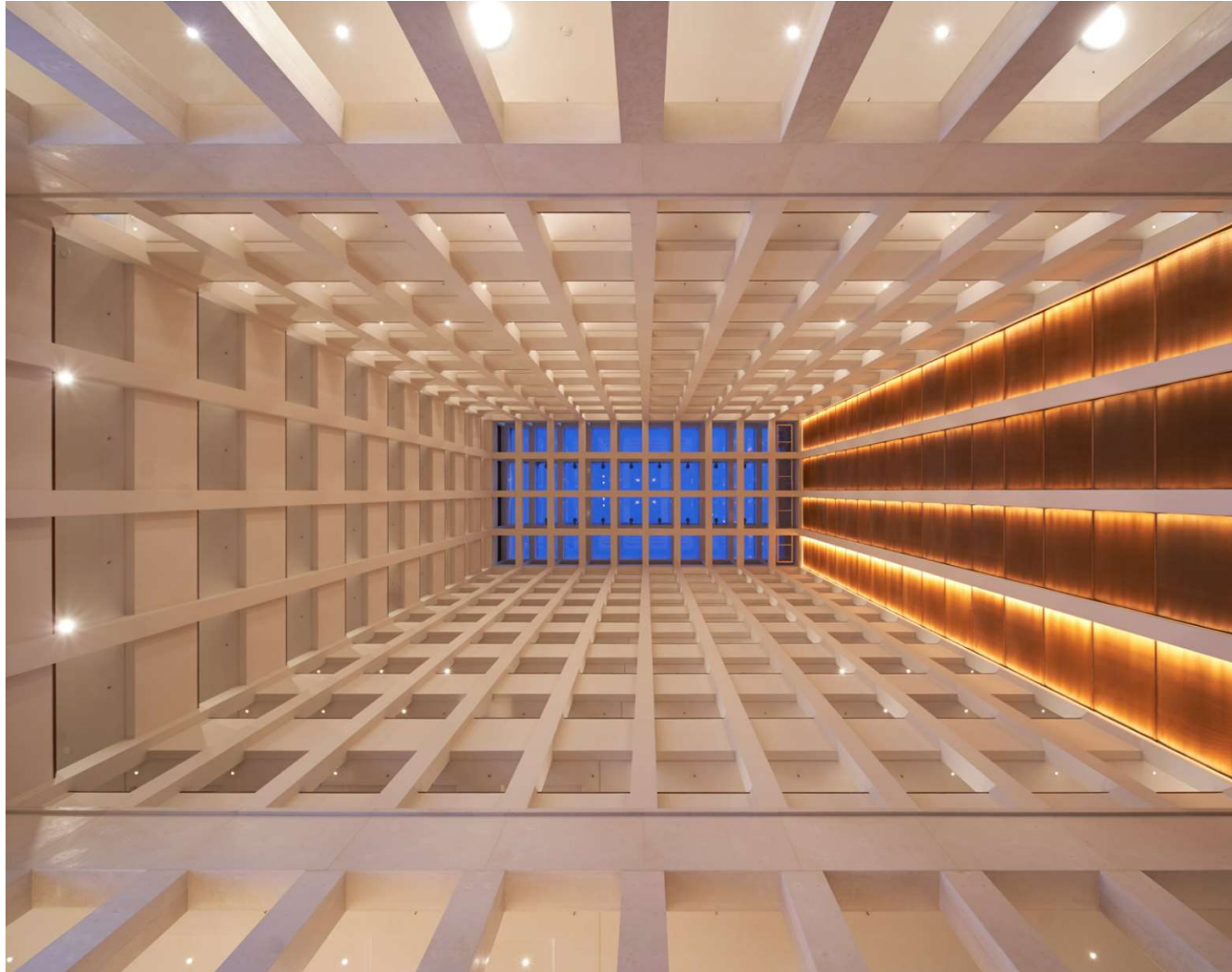
Various cable / connectors configurations to suit almost any installation scenario

Simple mounting on magnetic surfaces through premounted magnet on its backside.

Various clips to secure the fixture on non-magnetic surfaces or special clips to directly mount ULTIMA-S on grid ceiling.



# REFERENCE PROJECT



## MARRIOTT HOTEL Berlin - Germany

The 100ft high and 30ft wide luminous light wall is vertically structured by an architectural grid in front of it. The wall itself consists of 72 individual panels made of expanded copper mesh that appear to glow from within thanks to LED lights mounted on the sides. Illuminated by grazing light, the panels suggest spatial depth across the entire wall.

photo reference: [www.guenther-fotodesign.de](http://www.guenther-fotodesign.de)



# REFERENCE PROJECT



## PRIVATE RESIDENCE Davos - Switzerland

The small dimension of the miniature luminaire allowed ULTIMA-5 to be installed in a slot only 0.7" wide and 0.6" deep without thermal problems using easy-to-mount clips. Thanks to its good glare control, it could be easily installed in railings and staircases in this project.

photo reference: light on

# REFERENCE PROJECT



## HUNTER DOUGLAS HQ Rotterdam - Netherlands

The unique appearance of the ceiling system deserves a lighting solution that fully blends into the ceiling and emphasizes the ceiling structure. ULTIMA-5 is extremely minimalist with a height of 0.4" and a width of 0.5", but still has the technology to prevent glare. By using the NanoRay technology, very precise light beams can be achieved.

photo reference: hunter douglas



# REFERENCE PROJECT



## FRAUMÜNSTER CHURCH Zurich - Switzerland

With ULTIMA, LIGHT ON realized the world's first lighting solution based on LED technology with nano lenses in a historic building. The small ULTIMA has a beam angle of 60°. It was mounted without tools by magnets on a steel angle measuring 6.5ft by 15ft.

photo reference: light on



# LED LINEAR™

A Fagerhult Group Company

LED Linear USA, Inc.  
2186 Liberty Drive  
Niagara Falls  
NY 14304, USA  
Phone: +1 716 283 4400  
[www.ledlinearusa.com](http://www.ledlinearusa.com)  
[info@led-linear.com](mailto:info@led-linear.com)

**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](mailto:info@led-linear.com)

