



# Ultima series

Downlighters, Surface Mounted & Track fixtures

Versatile Combination of Design & Functionality



# Ultima series

## CLS Ultima series

There is no fixture series worldwide that offers as many possibilities as the Ultima series. Due to the wide choice of effective light output, LED colour temperatures, housing colours, dimming possibilities and beam angles, plus the choice of recessed, surface mounted, spot and track mounted versions, there are hardly any lighting projects thinkable for which the Ultima would not be suitable.

Some typical applications where Ultima fixtures have been successfully applied:

Museums & Galleries, Offices, Hospitals, Theatres & Auditoriums, Hotels, Cinemas, Mosques and many retail projects.

Obviously, are good reasons to use a fixture series in such a wide range of applications.

**Why are architects and lighting designers worldwide so excited about the Ultima?**

## Unique Design Shape for Different Functionalities

The Ultima is available as recessed, surface mounted, spot or track mounted fixture. Therefore, many different applications are possible, yet with the same design shape, ensuring peace and harmony in every room.



## High Light Efficiency

The latest generation of high power LEDs, combined with extremely efficient optics, ensure an unprecedented light output. Therefore, all Ultima versions have energy label A or higher.



## Excellent Dimming

A wide choice of dimming options is available for the Ultima series. More importantly, the quality of the dimming is unprecedented.

For projects where the quality of dimming is of utmost importance, customers often choose for the CLS-LED brand for this very reason. For example, several of the largest theatres in The Netherlands are equipped with Ultima fixtures.

CLS offers the following dimming methods for the Ultima:

- > 1-10V.
- > Mains dimming (phase cut).
- > DALI dimming.
- > DMX512 protocol.
- > Bluetooth by Casambi.

## High Visual Comfort

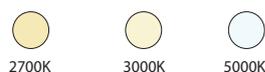
The unique grid design on the recessed mounting of the LED light sources in the fixture, result in an extremely low glare factor. As a matter of fact, an independent testing institute has measured an UGR ratio of less than 13.

If a black front for the fixture is selected, it is even impossible to see the light source. Especially in theatres and museums, this particular feature is very much appreciated.

The Ultima offers an unprecedented level of visual comfort, which also enhances productivity in office environments.

## Wide Choice of LED Colour Temperatures

The Ultima series offers no less than three different white LED colours to choose from. No matter if your lighting project is a restaurant or a laboratory, a suitable light colour is always available.



## Wide Choice of Beam Angles

Due to the wide choice of available beam angles, the Ultima is suitable for rooms heights varying from 2.65 meters up to 16 meters!

Due to high grade optics with many beam angles to choose from, the Ultima is up to 70% more effective in rooms with high ceilings, than any downlighter that is based on traditional reflector technology.





Classic concert hall, TivoliVredenburg, The Netherlands



Chassé theatre, The Netherlands



Sequoia Building, The Netherlands



Maine Women's Wear, The Netherlands

## Optimal Harmonization With Any Interior

For perfect integration of the lighting in each interior design, the Ultima fixture is available in many standard housing colours.

In addition, CLS offers the possibility to order the fixture in nearly every RAL Colour.\* This offers architects and designers ultimate creative freedom and of course the possibility to order fixtures in 'corporate identity' colours. \*Minimum order quantity may apply.

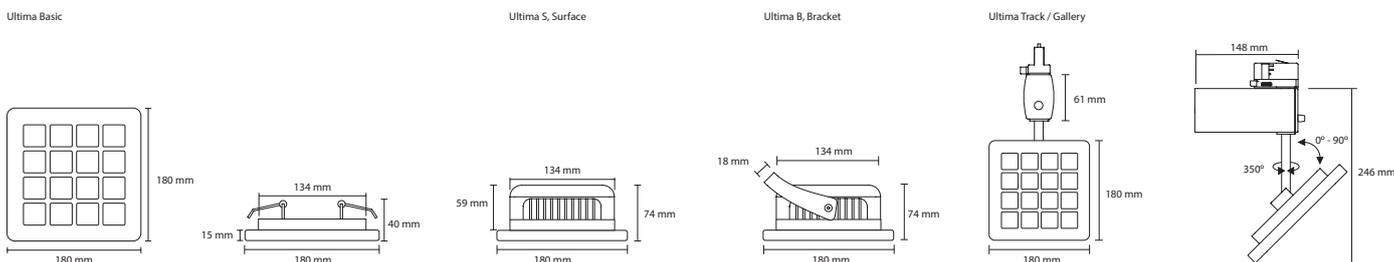


## Luxurious Look due to Side Glow Effect

Recessed Ultima fixtures are available with a semi-transparent backplate.

The light that is emitted through the backplate of the fixture, results in a beautiful decorative glow effect on the ceiling, giving the fixture a more luxurious look. This even makes rooms seem higher, resulting in a more pleasant working environment.

## Measurements



## Technical specifications

LED:	Cree / Luxeon
Available colours:	2700K, 3000K & 5000K
Beam angles:	8°, 12°, 30°, 54° & 12x46°
Power supply:	Ultima S, B, T & G : 200 - 277 VAC Ultima Basic : 700 mA
Power consumption:	20 Watt
Housing:	PC / ABS / aluminium
Swivel:	350° horizontal, 270° vertical
IP value:	Ultima S, B, T & G : IP20 Ultima Basic : IP40
Cable length:	Ultima Basic & B : 200 cm
Ambient temperature:	-10 °C till +40 °C

## Low Installation Depth

Due to the large amount of building facilities (climate control, data cabling etc.) above ceilings in offices, hospitals and shops, less and less space is available for the installation of recessed fixtures. With a height of just 25 mm (!) the Ultima will never pose unpleasant surprises in any construction project.



## A Sound Investment

Components of the highest possible quality are used for the production of the Ultima, without compromise.

Unlike many other suppliers on the market who only claim to do so, **CLS actually produces its fixtures in The Netherlands.**

CLS belongs to a group of companies with more than 30 years of expertise in the professional lighting business.

This provides additional reassurance for years to come.

## Icons

