

CLS

Ultima series

Downlighters and track fixtures



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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, dimming possibilities and beam angles, plus the choice between recessed 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

Unique Design Shape for Different Functionalities

The Ultima is available as a recessed and 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.



Evned Netherlands



City Archives Amsterdam, Netherlands

Excellent Dimming

A wide choice of dimming options is available for the Ultima series. More importantly, the quality of the dimming is outstanding. For projects where the quality of dimming is of utmost importance, customers often choose for the CLS LED brand. 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
- > DMX 512
- > Mains Dim
- > Casambi Bluetooth control
- > DALI



High Visual Comfort

The unique grid design and 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 extremely low UGR ratio of less than 13.

If a black front for the fixture is selected, the experienced glare is even less. 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.

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Choice of LED Colour Temperatures

The Ultima series offers 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.



2700K



3000K



4000K

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.



8°



12°



30°



60°



12 x 46°

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 on the ceiling, giving the fixture a more luxurious look. This even makes rooms seem higher, resulting in a more pleasant working environment.



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.



Farwaniya Mosque, Kuwait

A Sound Investment

Components of the highest possible quality are used for the production of the Ultima. 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.



TivoliVredenburg Netherlands

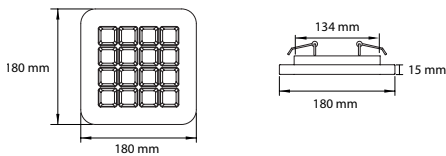
> Ultima series Downlighters and track fixtures



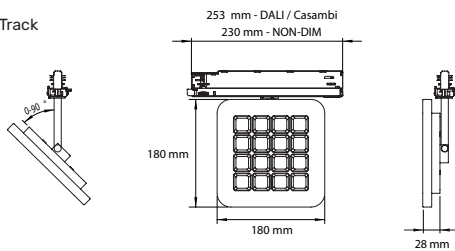
Losch Driving Dreams, Luxembourg

Measurements Ultima series

Ultima Basic



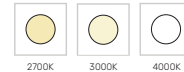
Ultima Track



Specifications

LED:	High Power LED
Single colours:	2700K, 3000K & 4000K
Power Supply:	Ultima Track : 200 - 277 VAC Ultima Basic : 700 mA
Power consumption:	20 Watt
Beam Angles:	8°, 12°, 30°, 60° & 12x46°
Housing:	PC-ABS / aluminum
Swivel:	350° horizontal, 270° vertical
Cable length:	Ultima Basic 200 cm
Ambient temperature:	-10 °C tot +40 °C

Colour & colour temperature



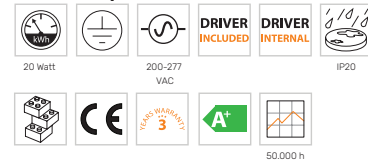
Optics



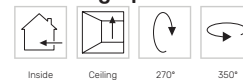
Housing & finish



General specifications



Mounting Options



Control options

