

Sapphire Retail & Food

Track fixtures

Unique combination of design & functionality



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CLS Sapphire Retail & Food

The CLS Sapphire Retail & Food is the new standard in trackrail fixtures, when it comes to the ultimate combination of design, lighting comfort, light efficiency and in particular to display your sales range as attractive as possible.

The Sapphire fixtures are applied in every case where the choice of quality is obvious. In numerous shops, showrooms, museums and galleries worldwide, visitors experience the high light quality of these fine design fixtures.

The new Retail & Food series is characterized by the use of special LED light sources that are specifically tailored for displaying the colours of certain product groups as attractive as possible.

Multiple years of consumer research for the most attractive light for the optimal presentation of specific product groups within retail environments have led to a series of unique LED light sources which ensure an optimal exposure of your sales range.

The patented design has been developed in close collaboration with leading lighting designers, who were asked to state all the product features they would like to see in a fixture range. From a series of various designs, the current design was unanimously chosen by designers and architects with backgrounds in both museum- and retail applications.

What makes the Sapphire Retail & Food so unique in terms of specifications and light experience?

Excellent Colour Rendering & Wide Choice of Light Colours

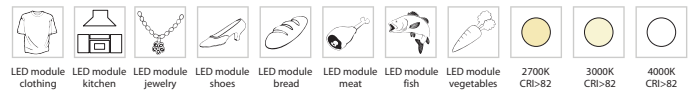
The Sapphire Retail & Food offers specially developed LED modules whose light spectrum is carefully customized to the optimum exposure of certain product groups.

In this way, the special LED modules for clothing expose all the colours in a particularly sparkling and lifelike way. The customers don't need to make their way to the daylight with their suit, dress, undershirt or shirt in order to judge the colour. The meat modules are extra strong in the red light spectrum, whereby meat in showcases shows beautifully red. In the bread modules, warm white tones have been incorporated in order to give bread a warm glow.

And so each LED module offers special customized features to optimally illuminate your product and thereby stimulate sales.

CLS offers special LED modules for the following product groups:

- Clothing
- Bread
- Furniture
- Meat
- Kitchens
- Fish
- Jewelry
- Vegetables & fruit
- Shoes



Your local CLS distributor often has a special sample kit that allows you to assess in your own shop the huge difference between a standard LED light source and the special CLS Retail LED modules.

The Special Retail & Food LED modules are also available in the CLS Emerald and the CLS Jade Rail fixtures series, so that you are able to create the optimum light image in your store.





Football Temple, The Netherlands



Porsche Centrum Gelderland, The Netherlands



Hästens Store, The Netherlands



Skicentre, The Netherlands



VVV office, The Netherlands



Cheese shop, The Netherlands



Morgana, The Netherlands



Zin in Breien, The Netherlands

High Light Efficiency

Sapphire Retail & Food luminaries are available with a Citizen LED module. Citizen the absolute top in terms of quality of LED modules.

The Sapphire fixtures are characterized by a high effective light output. By using the latest generation of LED modules combined with high-quality reflector technology, the CLS Sapphire fixtures offer an extremely high efficiency. This can go up to 40% higher light output than fixtures with a similar wattage. So don't let yourself guide by in particular the amount of wattage as a starting point. The actual measured lumen output determines how much light you have in your store. A higher wattage of the fixture only results in higher power consumption and does not necessarily results in a better lighting of your store.

The Sapphire luminaries are characterized by a high light output. Depending on the selected LED module, outputs of up to 4000 lumen are available.

All versions of the Sapphire have an energy label of A or higher.



High Level of Visual Comfort

In order to avoid glare, which is often characteristic for high output fixtures, the Sapphire is equipped with an internal snoot, reducing glare to an absolute minimum. The visual comfort is enhanced even further by the standard fitted diffusion filter with a light transmission value of as much as 94%. Due to this unique filter, the light beam is incredibly soft and homogeneous.

Depending on the demands of a lighting design, various accessories are available, enhancing the visual comfort even further.

Various Light Correction Possibilities

The Sapphire offers the option to apply all possible correction filter- or beam shaping materials, in a very simple manner. The internal slot is literally accessible in a snap. Standard available accessories are, among others, rotatable barndoors, an additional spill ring, a honeycomb Louvre, and a linear spread filter.



Protection of the LED Light Source and Reflector

Unlike with many other fixtures, both the LED light source and the reflector are protected against dust and dirt, due to the pre-fitted diffusion filter.

Dirt and dust can reduce the effective light output of a fixture with as much as 40%. The Sapphire is optimally protected against this unwanted effect of daily use and will therefore ensure a stable light image with optimum light output for years after installation.

Easily Interchangeable Optics

Adjusting the beam angle of the Sapphire is done in only a few simple steps. Available optics are 18°, 30° and 54°.



For optimum beam control, CLS offers the Sapphire Zoom. With a variably adjustable beam angle from 8° to 50°, this is an ideal fixture for use in museums and galleries. More information about this fixture can be found in a dedicated brochure.

In Perfect Harmony with Each Environment

The Sapphire is available in black, white and grey finish. In addition, it is possible to order the fixture in specific RAL colours on a project basis (MOQ applies).

This grants architects and designers the ultimate creative freedom and - for instance - allows for harmonization with corporate identity colours of retail chains.

Dimming

Unlike traditional CDMT-, PL- and HQI light sources, the Sapphire offers excellent dimming possibilities. The Gallery version for instance, can simply be dimmed with a potentiometer on the fixture's housing.

In addition, there is the option to dim via phase cut (mains dimming).



Fully Prepared for the Future

All individual components are easily interchangeable, which means that the Sapphire is fully prepared for any future developments.

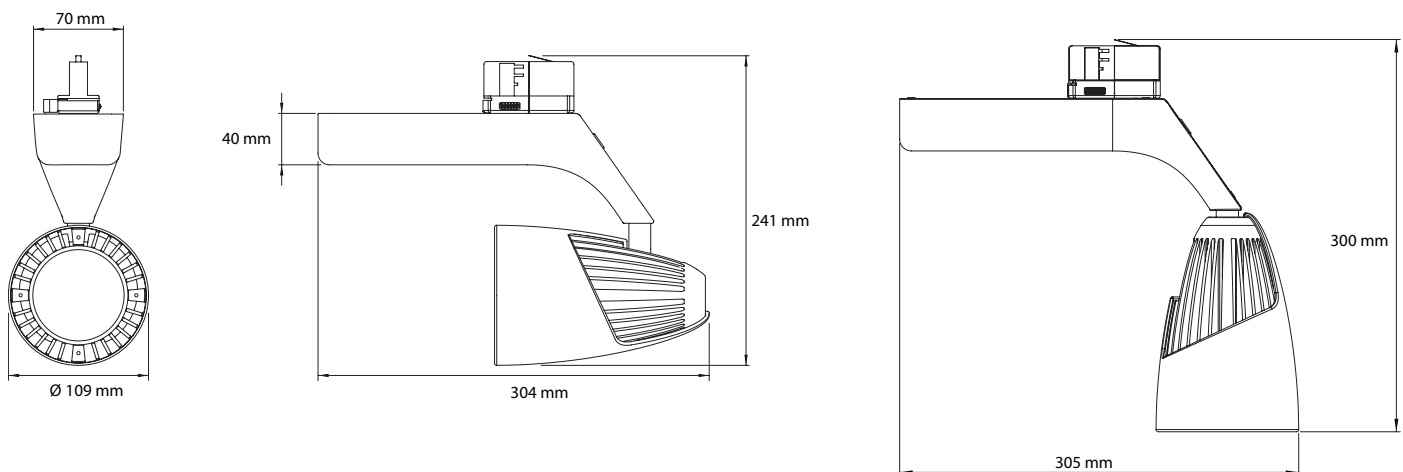
Should you decide, for whatever reason, to change the light source for a source with a different colour temperature, CRI value or even a version with a higher light output, this can be done in no more than a few minutes.

A Sound Investment

Components of the highest possible quality are used for the production of the Sapphire, without compromise. The patented heat sink ensures optimum cooling of the light source, so that the potential 50,000 hour life length can actually be achieved.

Unlike many other suppliers on the market who only claim to do so, CLS actually **designs and produces its fixtures in The Netherlands**. CLS belongs to a group of companies with more than 25 years of expertise in the professional lighting business. This provides additional reassurance for years to come.

Measurements Sapphire Retail & Food



Technical specifications

LED:	Citizen
Available colours:	Clothing, furniture, kitchen, jewelry & shoes Bread, meat, fish, vegetables & fruit CRI >82: 2700K, 3000K & 4000K
Beam angles:	18°, 30°, 54° & 90°
Power supply:	180 ~ 264 VAC
Power factor:	> 0.91
Power consumption:	Max. 30 Watt
Housing:	Anodised aluminium & PC
Weight:	1,5 Kg
IP value:	IP20
Measurements:	300 x 305 x Ø 109 mm (h x w x d)
Ambient temperature:	-10° till 40°

Icons

