



# Jade Retail & Food

Track fixtures

Optimal light output & realising huge savings



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## CLS Jade Retail & Food

The CLS Jade 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 CLS Jade is manufactured in The Netherlands and includes a **warranty of not less than 5 years**. Besides this, it is offered at extremely competitive prices thanks to clever production techniques.

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 CLS Jade serie so unique in terms of specifications & light experience?**

## Excellent Colour Rendering & Wide Choice of Light Colours

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

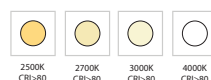
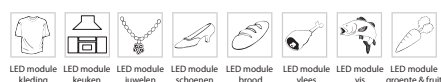
In this way, the special LED modules for clothing expose all the colours in a particularly sparkling and lifelike way. The customers don't need to make their way to the daylight with their suit, dress, undershirt or shirt in order to judge the colour.

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.

## High Light Efficiency

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

The Jade fixtures are characterized by a high light output. Depending on the selected LED module, effective outputs of up to 3500 lumen are available.

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





Bakery Geert Vonk, The Netherlands

### High Level of Visual Comfort

In order to avoid glare, which is often characteristic for high output fixtures, the Jade 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.

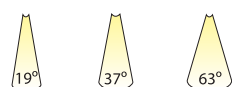
### Protection of the LED Light Source and Reflector

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 Jade 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.

### Wide Choice of Beam Angles

You can choose from a 19°, 37° or 63° beam.



### In Perfect Harmony with Each Environment

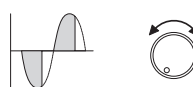
The Jade is available in white, grey & black finish. In addition, it is possible to order the fixture in specific RAL colours on a project basis (MOQ applies).

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



### Dimming

Optional, the Jade is easily dimmable via the applicable mains dimmable principle or via Local dim through a potentiometer on the housing. For more dimming possibilities, you can use the Jade Expo.



## Fully Prepared for the Future

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

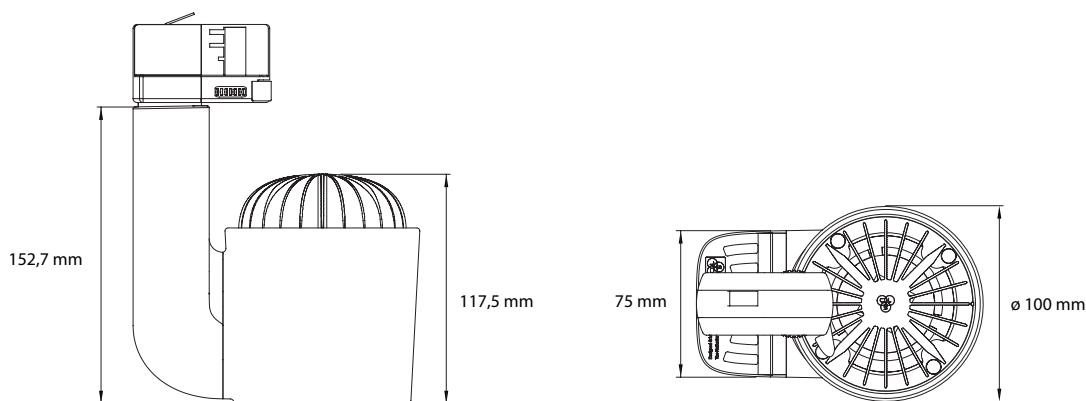
Should you decide, for whatever reason, to change the light source for a source with a different colour temperature, CRI value or even a version with a higher light output, this can be done in no more than a few minutes.

## A Sound Investment

Components of the highest possible quality are used for the production of the Jade, 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 Jade Retail & Food



## Technical specifications

LED:	Citizen
Available colours:	Clothing, furniture, kitchen, jewelry & shoes Bread, meat, fish, vegetables & fruit CRI >80: 2500K, 2700K, 3000K & 4000K
Power supply:	100 - 240 VAC
Power consumption:	Max. 20 Watt (2000 lm module) Max. 30 Watt (3500 lm module)
Housing:	Black, grey or white PC (PC-ABS V0) Heatsink black, grey or white coated aluminium
Swivel:	340° horizontal, 350° vertical
Beam angle:	19°, 37° & 63°
IP value:	IP20
Ambient temperature:	-10 °C till 40 °C

## Icons

