



# REVO Track Direct DMX series

Track Fixtures

Efficient, Versatile and a Innovative Design



# REVO Track Direct DMX series

## CLS REVO Track Direct DMX series

The REVO product series represents all core values that CLS stands for: Innovative design, high quality and optimum functionality in compact dimensions.

The REVO has become the favourite of many architects and lighting designers worldwide. They use the REVO series in the most diverse projects. You can find REVO fixtures in museums, galleries, shops, hotels and restaurants, but also in luxurious private homes and public buildings.

With the release of the new Direct DMX versions, in which both the power supply unit and DMX control section are integrated in the fixture, architects and light designers have the choice in literally thousands of variations in order to create the right light setting for all sorts of projects.

CLS offers more choice in DMX controlled rail fixtures than any other manufacturer. Next to the REVO series, the Sapphire, Jade and Focus series are also available in DMX controlled rail versions.

By expanding the portfolio with RGBW, RGBA, AWB and Tunable White versions, environments can be enlightened in a much more dynamic and visually appealing way.

Typical applications for the REVO DMX series are the use in: Shops & shopping centres, museums, conference centres, hotels, public spaces in theatres, cinemas and the use in themed environments.

### What makes the REVO series so unique?

#### Wide Choice Of Versions

Many different versions are available, yet all of them in the same form factor. This means design consistency in nearly every project. Over 2.200 different configurations are possible.

The unique interactive Fixture Configurators on the CLS website will allow you to configure your own fixtures within 30 seconds. The possibilities for creating the perfect lighting design have therefore increased significantly.



#### High light efficiency

Despite its extremely compact dimensions, the effective light output is remarkably high. This is the result of using the latest generation of high power LEDs in combination with high-quality optics. By using the most efficient LED chips, only made by renowned manufacturers as Lumileds & Cree, the effective light output is much more than one would expect based on its compact dimensions and lower wattage.

#### Dynamic Power Control

On the colour changing and Tunable White versions, CLS introduces the in-house developed Dynamic Power Control system (DPC). With RGBW or RGBA fixtures, in 95% of the applications not all colours are used simultaneously. By splitting the total amount of used LED power into 4 colours, the light output by colour, of course, decreases in comparison with a fixture that needs to use the full amount of power for only 1 colour.

To generate a maximum output per colour or to create combination colours, CLS developed the DPC system. The LEDs are controlled at a higher power because the heatsink only needs to cool a limited number of LEDs. Due to the DPC, a **measured 25% higher light output** is possible, without affecting the lifetime of the armature.



Zoomers City Store, The Netherlands



Postillion Hotel, The Netherlands



Eden Fine Art Gallery, St. Barth



Zaans museum, The Netherlands



Piet Zoomers, The Netherlands



Swiss Chocolate Adventure, Switzerland



St. Urbanuschurch, The Netherlands

### Wide Choice Of Beam Angles

REVO offers you the choice between no less than five different beam angles.

Ranging from an 8° narrow beam used for illuminating pillars to a 80° extra wide flood beam, used for lighting up larger surfaces at a shorter distance. An elliptical lens of 12 x 46° is one of the varieties as well. Particularly the option of many different beam angles has made the REVO series a preferred choice for many lighting designers.



### Wide Variety Of Available LED Colours

REVO offers an enormous variety in light colours. No less than five different hues of white and four basic colours are available.

We are able to create unique colours for your projects. Take for instance the remarkable combination of white and amber, which results in a very warm hue (2300K). Other combinations can also be made available, subject to a minimum order quantity.



## Colour Changing Versions

The colour changing versions are available in:

RGB + White for creating subtle colours with the possibility of pastel shades.

RGB + Amber for creating deep saturated colours.

Amber, White, Blue for creating many variations white from 1800K to 8000K, typical architecture colours such as amber and blue, and a large amount of mix colours.

If you require another colour combination in the fixture, this is available on request (MOQ).



## Tunable White Versions

This commonly used English term means the adjustment of the colour temperature of white light. It creates the possibility of adjusting the light to different seasons or creating dynamic light patterns on objects or in rooms with subtle changes of white light. In shops the illumination can be adjusted to the collection in order to have the perfect light setting for different collections during each season.

CLS offers not less than 3 different Tunable White versions for the REVO series.

Designers can choose between:

2700K - 5000K

1800K - 3000K (Amber + 3000K)

1800K - 4000K (Amber + 4000K)



## Excellent Colour Rendition

Colour reproduction is of the upmost importance when it comes to illuminating art objects, clothing in shops and basically any environment in which one wants to see vivid colours of products or objects.

By default all white light versions are equipped with a CRI>85 LED source.

On request the REVO can be equipped with a CRI>95 LED source.



2700K



3000K



4000K

CRI>85 of CRI>95

## Accessories

For optimal protection from any sort of annoying glare all REVO models can be equipped with a so-called 'snoot'.

This snoot is provided with a bevelled surface. This bevelled surface can easily be applied both horizontally as vertically. Mounting the snoot can be done without any tools at all. The snoot is available in a grey or black finish.



## Choice of Track Brands

CLS can fit the REVO series with either Global data or Eutrac data track adapters. Please make sure when ordering to mention the right brand of track adapter.

## Other REVO Series

REVO series are also available as IP67 surface mounted and as recessed inground fixtures. In those cases you can be sure of a perfect match between the light colours and the chosen fixtures within the building. The waterproof models are available as well in many varieties, for instance regarding light beam angles.

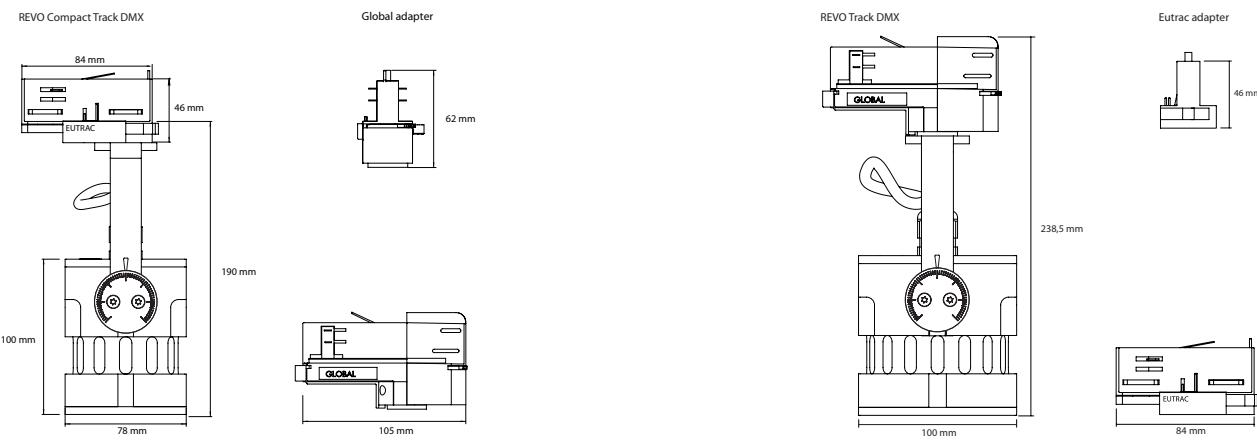


## A Sound Investment

Components of the highest possible quality are used for the production of the REVO series, without compromise. Even if service is required after years of problem-free use, all individual parts can easily be replaced in a matter of minutes. Therefore your fixture can be seen as an investment with an extremely long product-life.

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.

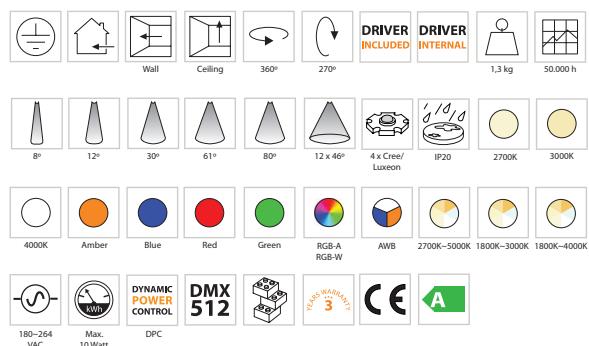
## Measurements REVO Track DMX series



## Technical Specifications REVO Compact Track DMX series

LED:	Luxeon / Cree
Single colours:	2700K, 3000K, 4000K, amber, red, blue or green
Colour changing:	RGBA, RGBW or AWB
Tunable White colours:	2700K-5000K, 1800K-3000K or 1800K-4000K
Power supply:	180-264 VAC
Power consumption:	10 Watt
Beam angle:	8°, 12°, 30°, 61°, 80° & 12x46°
Housing:	Anodised aluminium or black coated
Swivel:	360° horizontal, 270° vertical
IP value:	IP20
Ambient temperature:	-10 °C till 40 °C

## Icons



## Technical Specifications REVO Track DMX series

LED:	Luxeon / Cree
Single colours:	2700K, 3000K, 4000K, amber, red, blue or green
Colour changing:	RGBA, RGBW or AWB
Tunable White colours:	2700K-5000K, 1800K-3000K or 1800K-4000K
Power supply:	100-240 VAC
Power consumption:	20 Watt
Beam angle:	8°, 12°, 30°, 61°, 80° & 12 x 46°
Housing:	Anodised aluminium or black coated
Swivel:	360° horizontal, 270° vertical
IP value:	IP20
Ambient temperature:	-10 °C tot 40 °C

## Icons

