

## **Track Collection**

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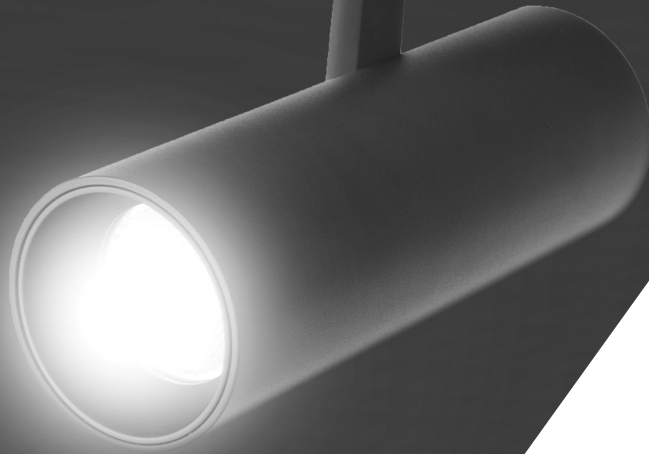
## Track system

### Introduction

Our track system is highly flexible and energy efficient. It connects a full range of luminaires, sensors, sound systems and emergency lighting, controlled through DALI and personalized through our latest DARA Lighting solution.

From grocery, supermarkets to large warehouses, art galleries and showrooms, there is great freedom to choose the appropriate lighting solutions for any application.

Moreover, by using a track adapter, you can use our track systems to feed any electrical device with 220 V.



## **3-phase track with DALI line**

Our most flexible standard track for an adjustable lighting system

### **Our 3-phase track with DALI line**

embraces the ultimate technology and design.

This flexible system focuses on high-performance luminaires and gives you the freedom to organize your own tailor-made lighting design project.

### **Spotlights, downlights and linear luminaires**

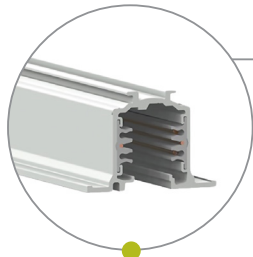
are easily adjusted on the track. The lighting fixtures direct the light exclusively on the desired areas. The luminaires can also be adapted according to the needs of a subtler illumination or a more focused light beam.

### **Electrical supply track systems**

The track systems must be EU compatible according to EN 60570:2003, 3 phases (optionally with two additional conductors, e.g. for DALI). This track system comes with no restrictions of compatibility with a various adapters, sensors, controllers, sound systems, emergency lighting and/or luminaires and it allows more flexibility in lighting planning. Should the requirements change, the luminaires and other devices can easily be rearranged.

### **All in all, our 3-phase track with DALI line**

is a universal, compact track that allows you to connect several types of devices, DALI controls and IoT solutions on a single system.



**Recessed**

- Anodised Grey
- RAL 9005 - Black
- RAL 9010 - White



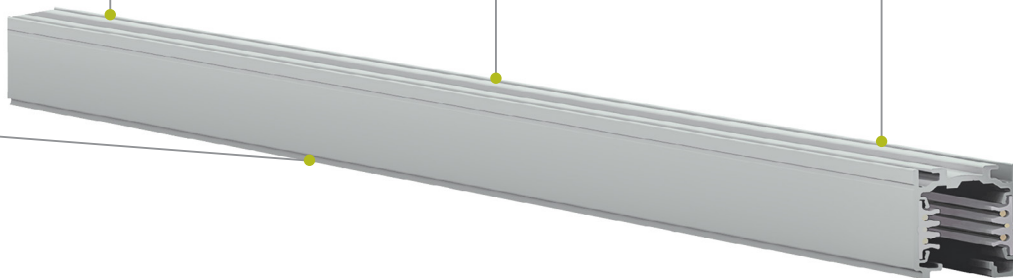
**Surface Mounted**

- Anodised Grey
- RAL 9005 - Black
- RAL 9010 - White



**Suspended**

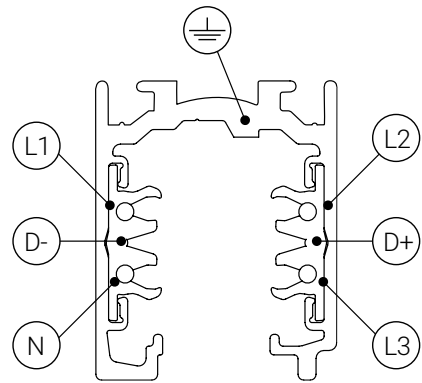
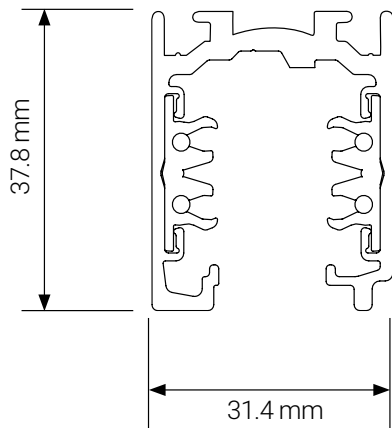
- Anodised Grey
- RAL 9005 - Black
- RAL 9010 - White



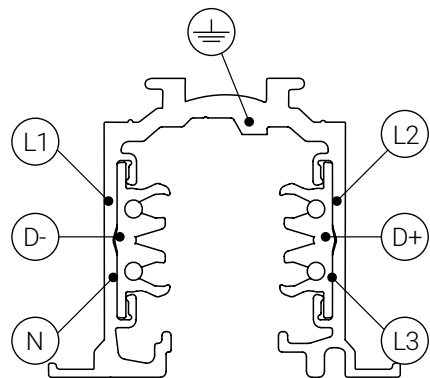
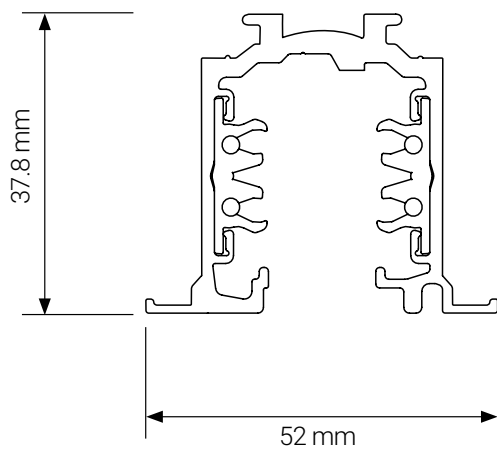
**Mounting methods**

3-phase track with DALI line

**Surface mounted\* and suspended\***



**Recessed\***



**Legend**

- L1 - Phase 1
- L2 - Phase 2
- L3 - Phase 3
- N - Neutral
- ⊕ - Ground
- D+/D- - general data signal (for example dali, dmx, lon, eib, etc.)

*\*The appropriate fitting kits will be used, depending on the mounting type.*

## 3-phase track with DALI line

The benefits

### Incredible flexibility

The simple mounting allows the track to be reconfigured at any time according to the changing environment. Spotlights and linear luminaires can be moved on the track or replaced without using any tools. The mounting options and various accessories make it possible for the track to be recessed, suspended or surface-mounted irrespective of the ceiling height.

### DALI control system

An optimized track for a highly intelligent lighting system. The DALI control system dims all the luminaires mounted on the track. Therefore, saving energy or creating a specific atmosphere becomes highly available. Energy efficiency increases without losing light quality.

### An aesthetically pleasant system

Flexibility meets simplicity and elegance. The sleek track together with the streamlined spots and linear luminaires create unique interiors. The track allows for T, L and X connections, so that you can create incredible lighting structures.



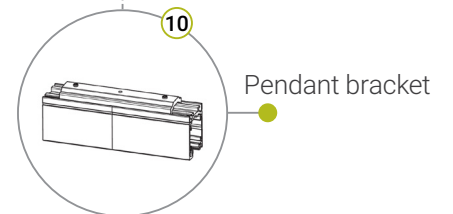
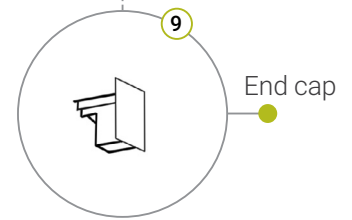
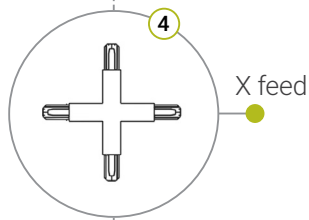
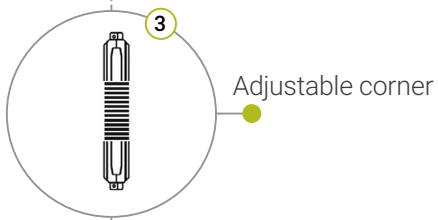
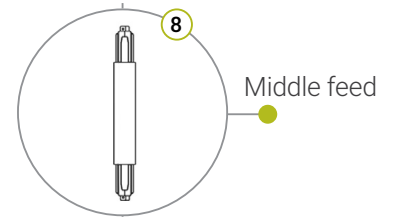
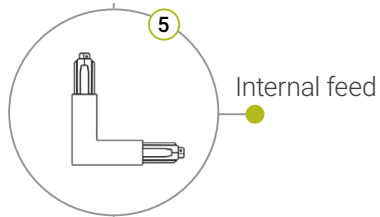
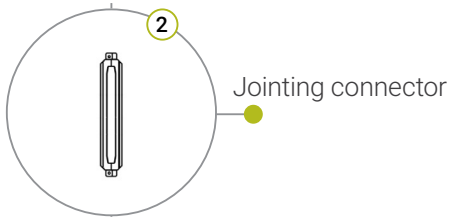
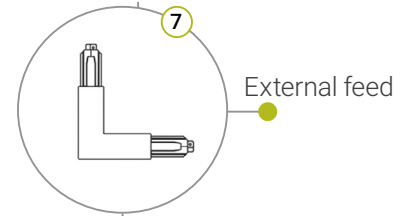
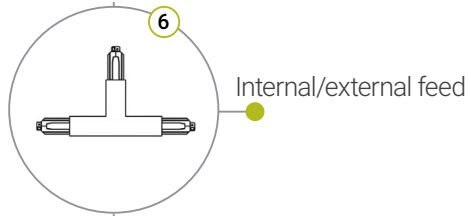
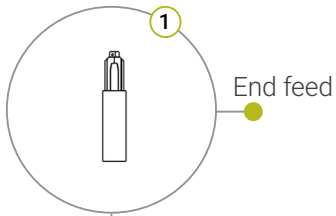
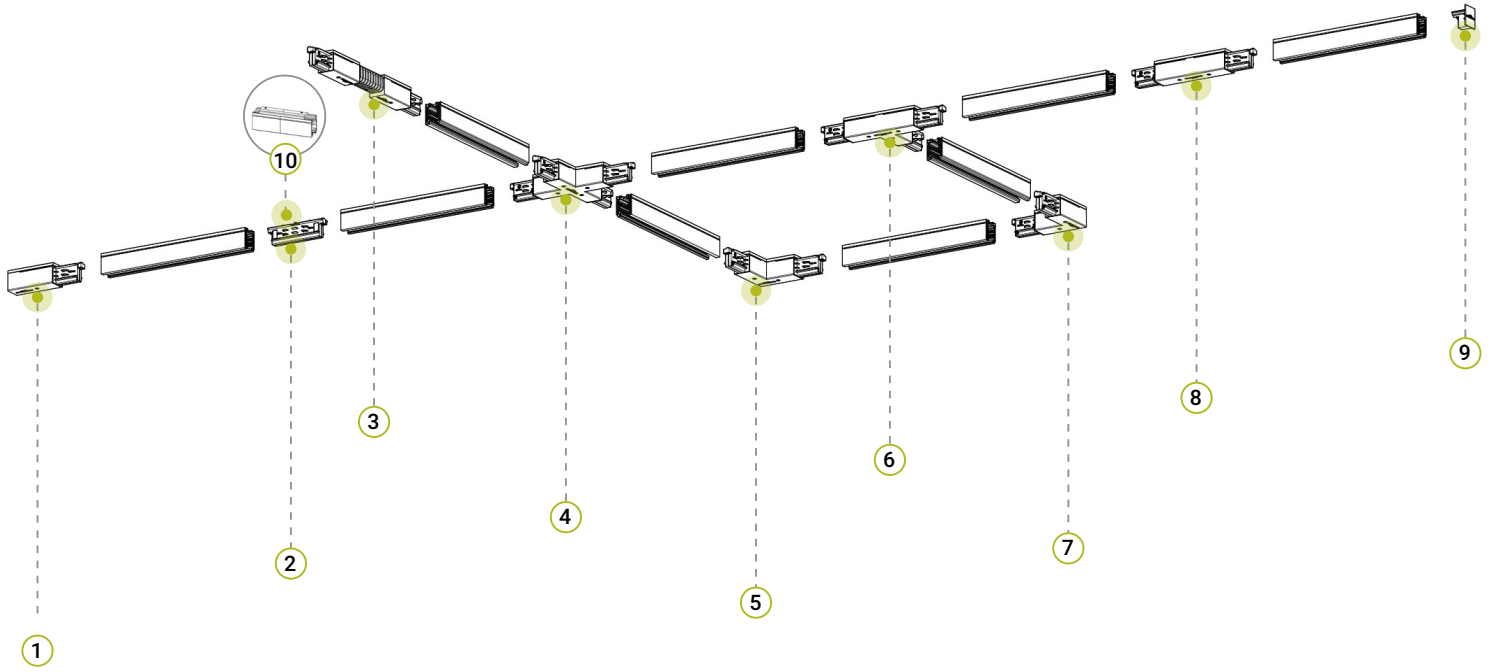
### DARA Lighting - personalized, efficient and beautiful light with a simple app

DARA Lighting is a Bluetooth and Wi-Fi enabled solution that makes light control and personalization a breeze. The solution is embedded in our compact DARA devices. No additional cabling or switches are needed. It comes with a smartphone application and a dashboard offering complex analytics and reporting on power consumption and luminaire usage rate. With DARA Lighting, you can control an unlimited number of luminaires and sensors.





# Breakdown Diagram

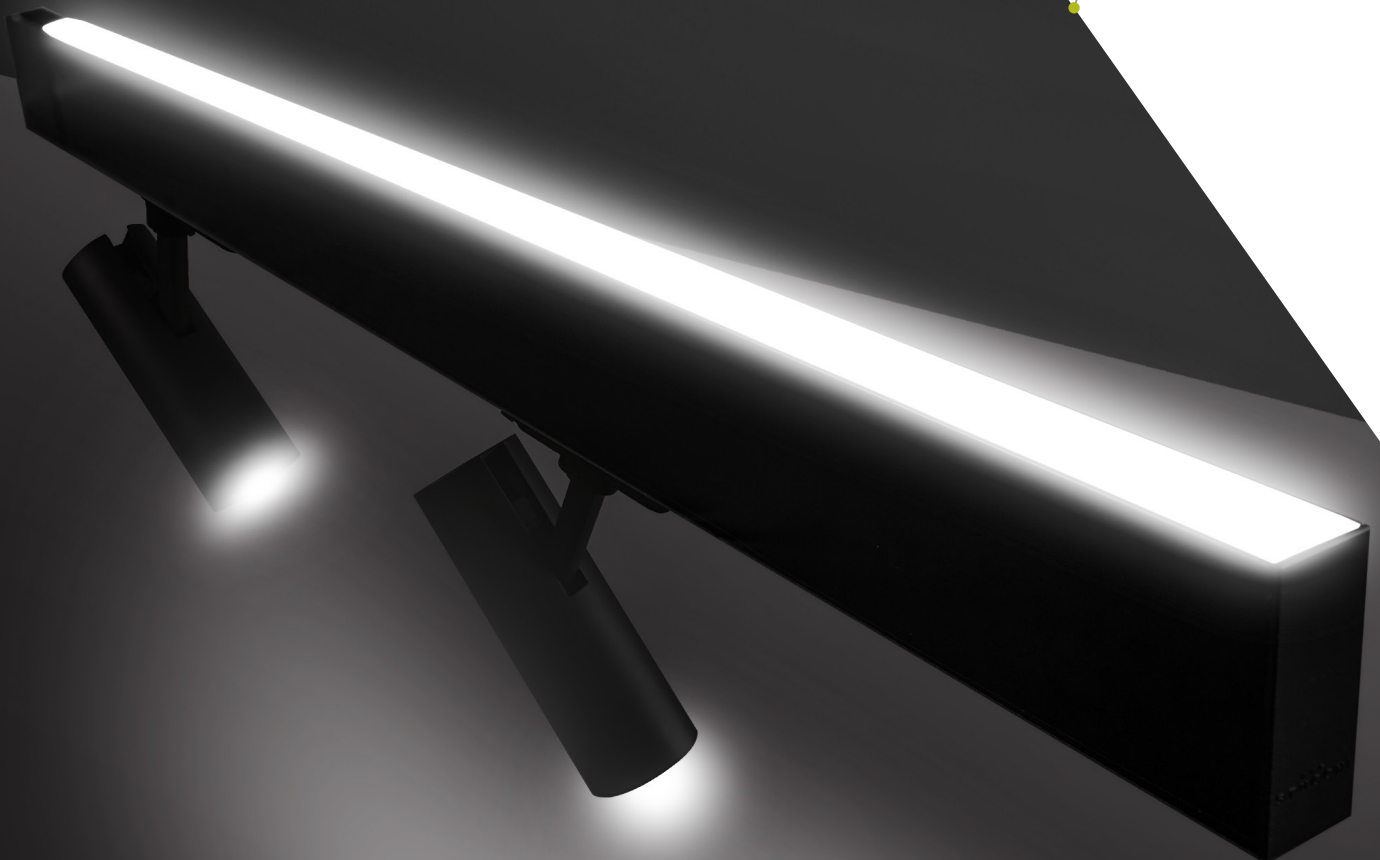


## Dyad track

A versatile track especially made to support architectural spaces.

Good lighting for architectural spaces complements the design and the architectural concept.

Therefore, the lighting design enhances the architectural applications in the most efficient way possible.



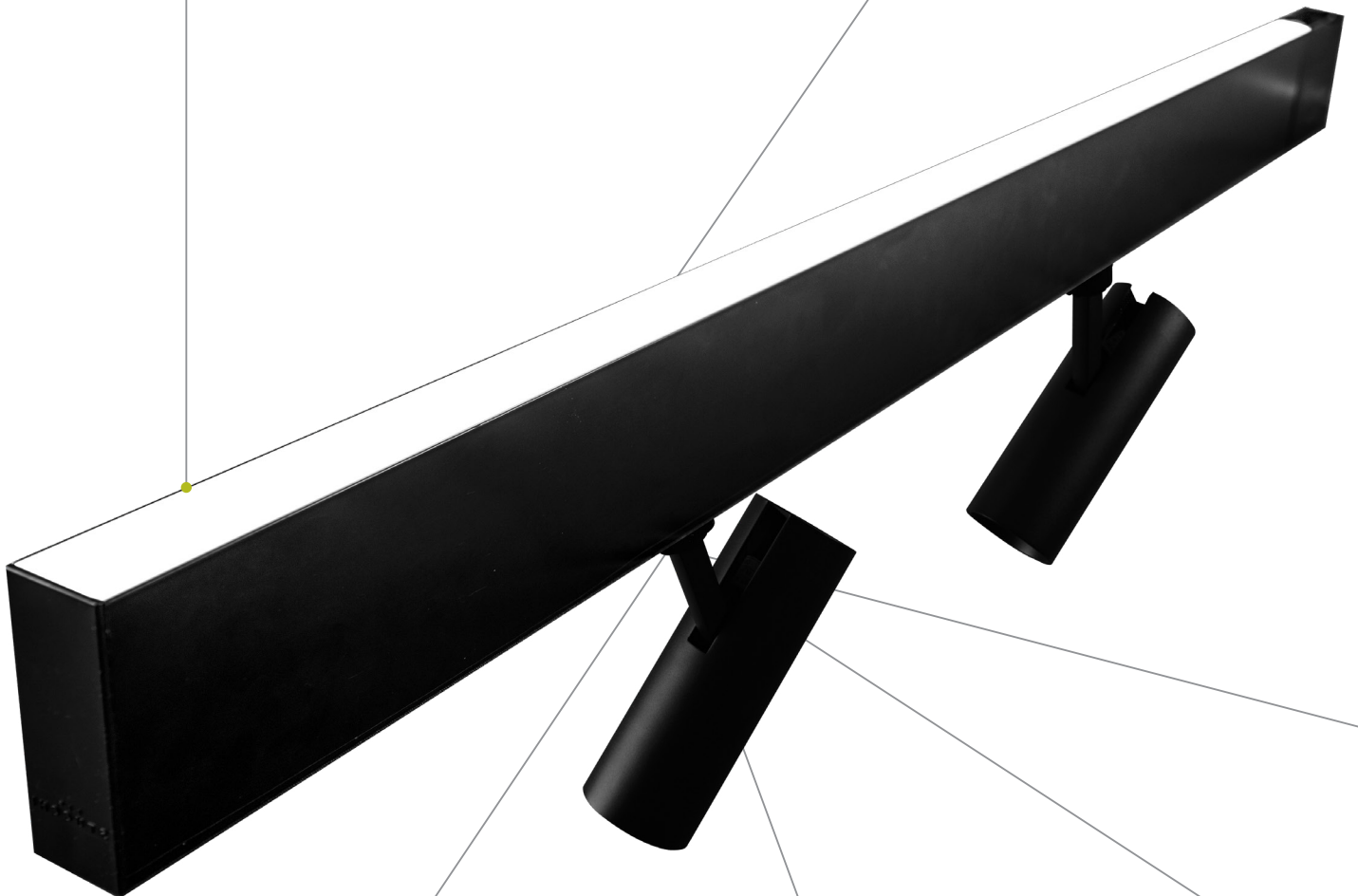
## Mounting methods

Dyad track

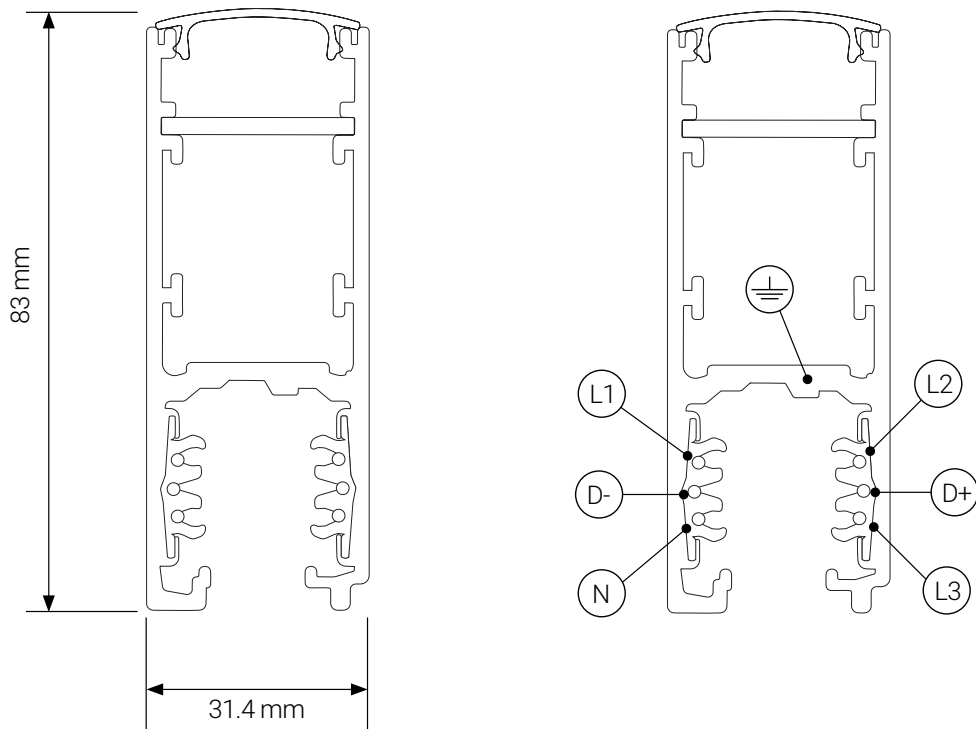


### Suspended

- RAL 9005 - Jet Black
- RAL 9010 - Pure White



**Suspended\***



**Legend**

- L1 - Phase 1
- L2 - Phase 2
- L3 - Phase 3
- N - Neutral
- ⊕ - Ground
- D+/D- - Dali (connected with the upper side luminaire)

*\*The appropriate fitting kits will be used, depending on the mounting type.*

# Dyad Track

The benefits

- **Perfect ambiance - light delivered upwards and downwards**

One track, two different lighting effects. Mellow light delivered upwards for a pleasant atmosphere. Adjustable accent lighting delivered downwards through track-mounted spotlights and linear luminaires. The same track creates a diverse lighting experience for unique interiors.

- **LED technology that enhances the requirements of architectural spaces**

Well-designed architectural spaces emphasize the relationship between space, light and mood. Dyad track enhances the aesthetics of all architectural spaces: residential facades, museums, monuments, art galleries, restaurants, and others.

- **Individual control for light delivered upwards and downwards**

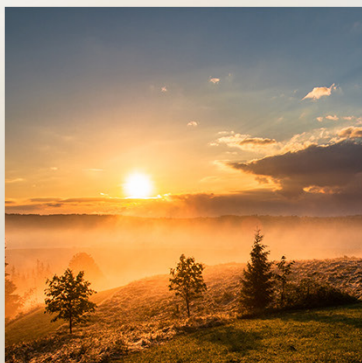
The track is equipped with DALI control gear which enables you to independently dim the ambient light delivered upwards and the accent or general light delivered downwards.



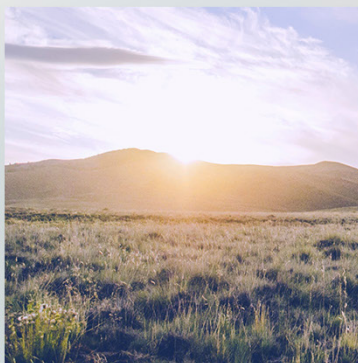
- **Low energy consumption with maximum visual comfort**

With DARA Lighting, you can preset scenarios depending on the day of the week, the moment of the day or other special request. Create the most efficient lighting schemes that bring significant energy savings to any application. Movement and presence sensors will improve energy saving by decreasing the lighting when it's not needed.

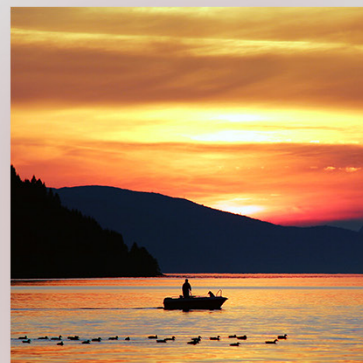




6:00 AM



12:00 PM



6:00 PM

IMPROVE

CIRCADIAN RHYTHMS

IMPROVED PRODUCTIVITY

VISUAL ACUITY

MOOD

ENERGY SAVING & SUSTAINABILITY

## PI-LED

- PI-LED allows implementation of top-level Human Centric Lighting solutions. This patented and proven innovation combines variable white light and RGB in a single light source making it the best biorhythmic lighting technology available on the market today.
- The quality of its light spectrum is comparable to sunlight and, like sunlight, the spectrum changes in the course of the day. PI-LED assists the maintenance of an even hormone balance and biorhythm and enhances well-being and vitality.
- Thanks to a wide range of designs, PI-LED can be used in all common types of luminaires and applications. Whatever the size and type of the project, biorhythmic lighting has a noticeable positive effect on powers of concentration and productivity as well as on sleeping patterns. This has been verified by various scientific studies.

## Tunable white

- Light color temperature can be adjusted to reflect the need or mood of the user. The light provided by the luminaires can be changed from warm to cold, in a range between 2700K - 6500K.

# Dyad Track

Technical specifications

## Features & Benefits of the upper side

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- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life – L90/B10 at 50,000h
- Extra wide beam: 130°

## Specifications

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Color rendering	CRI 80
Protection Class	Safety class 1
Color temperature [K]	3000K, 4000K, 5000K, 6500K
Lens angle [°]	130°
UGR	17 - 22
Color consistency	MacAdam 4
Lumen maintenance	L90/B10@50,000h at 25°C
Control option	DALI
Housing materials	Aluminium & Polycarbonate
Housing color	RAL 9010 - Pure white, RAL 9005 - Jet black
Warranty [years]	5





## H track

Maximum flexibility in mounting,  
without the need for extra areas for new circuits.



## Mounting methods

H track

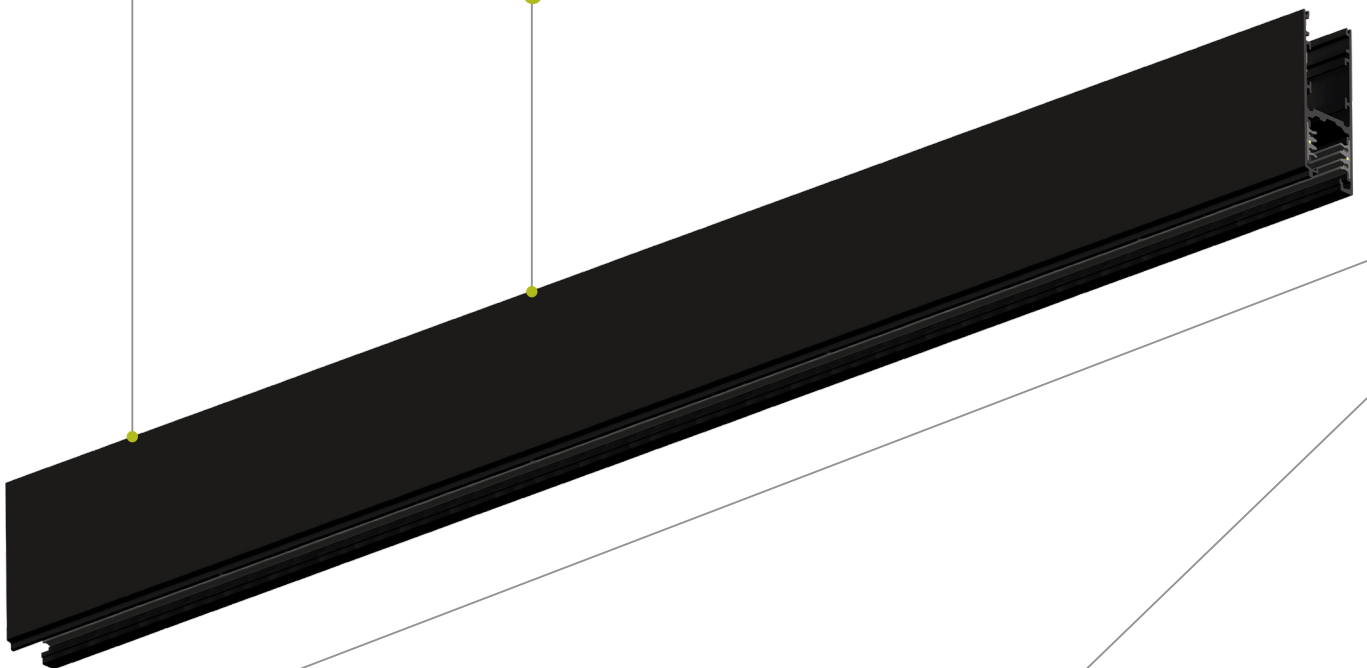
### Suspended

- RAL 9005 - Jet Black
- RAL 9010 - Pure White



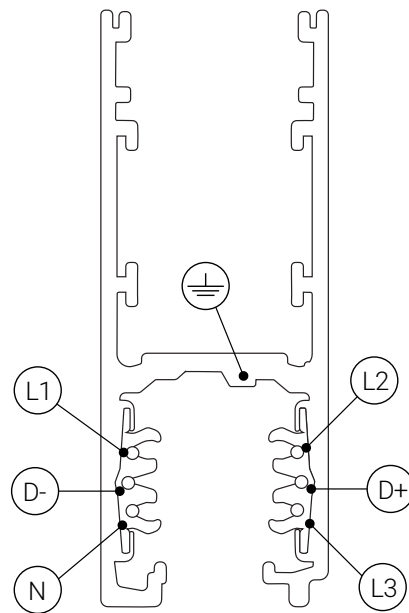
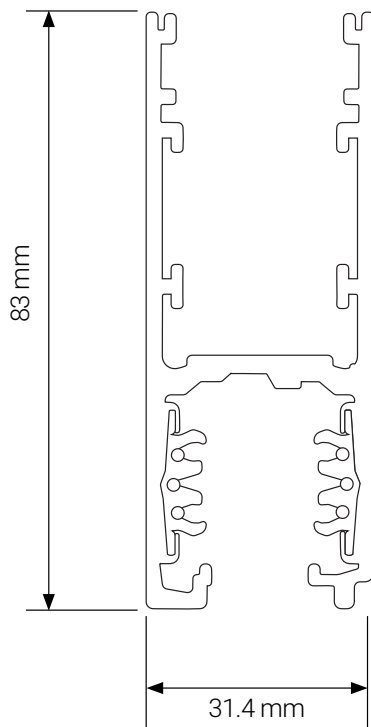
### Surface mounted\*

- RAL 9005 - Jet Black
- RAL 9010 - Pure White



\*On demand.

**Suspended\***



**Legend**

- L1 - Phase 1
- L2 - Phase 2
- L3 - Phase 3
- N - Neutral
- ⊕ - Ground
- D+/D- - general data signal (for example dali, dmx, lon, eib, etc.)

*\*The appropriate fitting kits will be used, depending on the mounting type.*

## H track

The benefits

### Special design

The complex H Track can be equipped on the underside with a wide range of track-mounted luminaires. The upward side has been especially designed for emerging wiring, audio systems and other.

### Maximum flexibility in mounting

The track has shown maximum versatility and flexibility in mounting, features a great design with no more visible wires and perfect alignment of the luminaires.

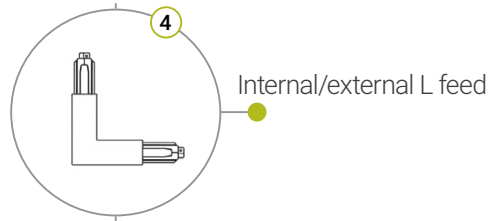
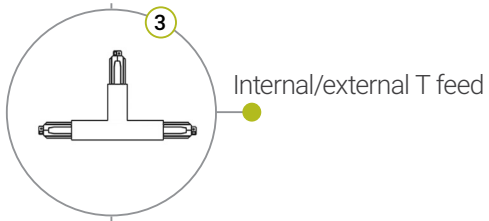
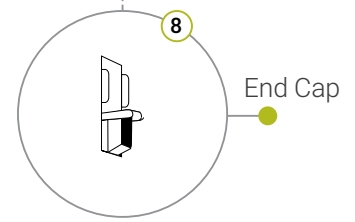
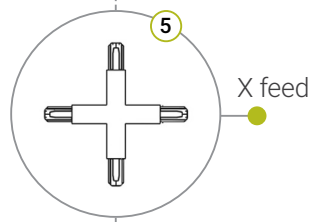
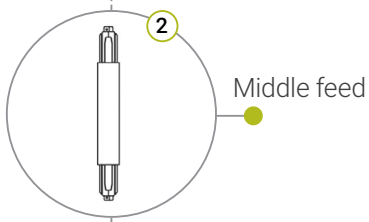
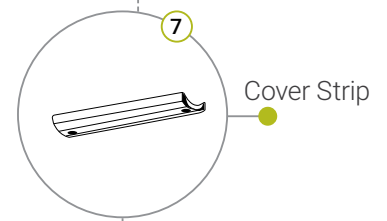
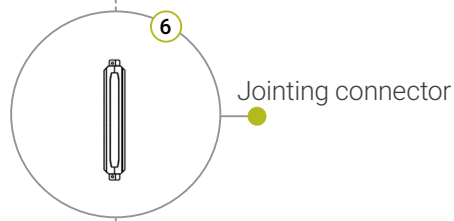
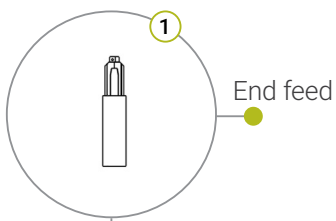
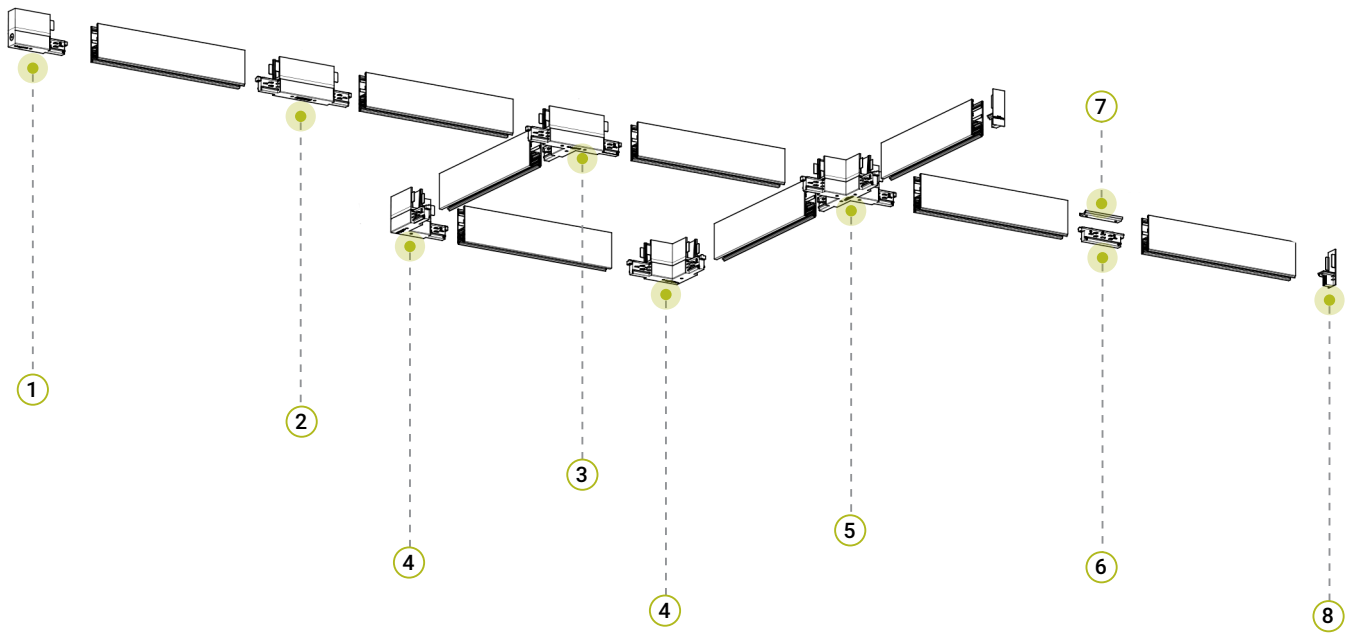


### The lighting infrastructure

Can be managed anytime and from everywhere, through DARA App for iOS and Android phones and tablets, that offer a variety of functionalities, like setting light intensity, the color temperature, changing the light color, switch it on and off, or setting automated light scenarios.



# Breakdown Diagram



## Track recommended luminaires

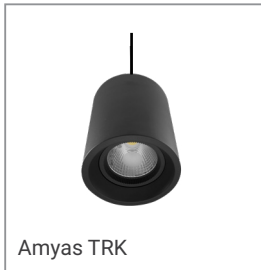
Elegant of highly-efficient luminaires in a wide variety – from track lights used for accent lighting to linear luminaires for general lighting, our luminaire range comprises:

Track Downlight



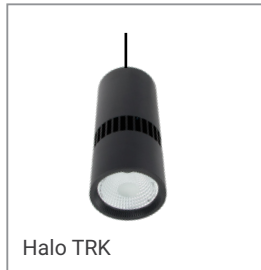
Sola TRK

Track Downlight



Amyas TRK

Track Downlight



Halo TRK

Track Spotlight



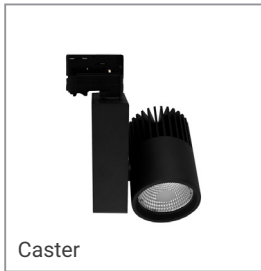
Chase

Track Spotlight



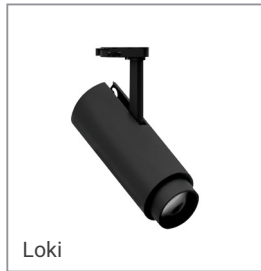
Tulip S & L

Track Spotlight



Caster

Track Spotlight



Loki

Track Spotlight



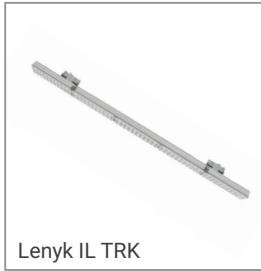
Orion

Track Linear Luminaire



Lenyk Slim TRK

Track Linear Luminaire



Lenyk IL TRK

Track Linear Luminaire



Lenyk N IL TRK

Track Linear Luminaire



Lenyk PC TRK

Track Linear Luminaire



Galaxy Slim TRK

Track Linear Luminaire



LightBlade

Track Linear Luminaire



Artus TRK

Track Linear Luminaire



Artus N TRK



Weinwelt Prodega  
Location - Switzerland

Selgros Cash & Carry  
Supermarket  
Location - Germany

**Projects**  
Track System

Annabella Supermarket  
Location - Romania



Romania's Pavilion at The 2017 Venice Biennale  
Location - Italy



## Projects

Track System

Maria Lucia Hohan  
Location - Romania



Frische Paradies  
Supermarket  
Location - Germany





Irina Schrotter  
Location - Romania

Irina Schrotter  
Location - Romania

**Projects**  
Track System

Cristallini Consiglieri  
Location - Romania









Light Guide for Grocery Stores & Supermarkets





Light Guide for Industrial & Logistic Applications



Light Guide for Office Lighting




Light Guide for Special Colors





Light Guide for Art & Exhibition



Light Guide for Hospitality



Light Guide for Fashion and Retail



Light Guide for DARA Lighting

Greentek Lighting is a company developing smart LED lighting systems for the commercial, industrial, logistic and office building fields. With over 9 years of market experience, we are already one of top European LED lighting providers. The R&D and testing facility in Iasi, Romania – develops LED luminaires tailored to very specific purposes – with a focus on special color temperatures for food, fashion and art. Beyond production of luminaires, we also offer turnkey lighting solutions – from luminaire design to mounting and full project management services. Selgros Cash&Carry, Transgourmet (FR, CH, DE), Colliers or EA Games are among our portfolio.

For more information, please access: [www.greentek.eu](http://www.greentek.eu)



**TRUST**

We have 9+ years' experience developing innovative led lighting solutions.

**SPECIAL COLORS**

Greentek is a pioneer in developing special tonal effects for retail and DIY industries, proven to enhance purchase intent.

**FLEXIBILITY AND CUSTOMISATION**

For us, business is personal. Greentek can develop or adjust luminaires according to your needs in order to create savings and value.

**INCREDIBLE CUSTOMER CARE**

We are in the business of customer care and we happen to create led luminaires. We take a 360° client view from technical consultancy, Intelligent Light Solutions, Project Management and site survey, to on-site implementation, product development and lab testing.

**LIGHT CONCEPT & DESIGN**

Our lighting experts analyze your lighting infrastructure and provide you the best plan to implement it, based on the latest industry requirements and trends.

**MADE IN EU**

In order to keep high quality, Greentek luminaires are designed and manufactured in the European Union using European components.

**DIVERSITY**

We cover all ranges of ceiling mounted and light distribution systems, special colors and other niche products.

**Why Greentek?**



**GREENTEK**

LIGHTING

## **CONTACTS**

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