lOuss

Lighting Emotion



MicroTrack Nano Simple • LL



MicroTrack 2 LED



MicroTrack 3 LED



MicroTrack 5 LED



MicroTrack Linear



MicroTrack Custom

MICROTRACK

The multipurpose track

c UL us LISTED

indoor | IP20 | Ta 20° | CE | made in FRANCE



MICROTRACK

Range	Luminaires on track for ambient and accent lighting			
Description	24V track - 50W max. Dimensions : • Width : 15mm • Height : 11mm • Length : 82mm to 2500mm according to version (32mm used by the connecting end cap and the end caps) Natural or black anodized aluminum 500mm cable (other length upon request) 3 possibilities of fixing devices : magnets, adhesive tape, screws Equipped with NANO spotlights, LED units, linear LED lights or a combination of any of these luminaires, with a maximum of 1kg per meter of track			
MicroTrack Nano	**NANO spotlight**	Diameter : 12mm Length : 29mm (Simple) 37mm (Low Luminance)		
	LED characteristics	2200K - 2700K – 3000K – 3500K - 4000K (other upon request) or different colors in alternation CRI 90 – 95 • R9>80		
	Optical beams	14°- 16°- 25° - 33° - 36°- 58° - 69° - 78°- 17°x47°		
	Power supply	ON/OFF Optional : Dimmable version		
	Number of spotlights	**1**	**2**	**3**
	Plug-in unit length	50mm (55mm DMX version)	100mm	150mm
	Unit Power	2.10W	3.20W	4.30W
	Net weight	13g	-	-
MicroTrack LED Units	**LED characteristics**	2200K - 2700K – 3000K – 3500K - 4000K (other upon request) or different colors in alternation CRI 90 – 95 • R9>80 60mm between each LED on each LED unit		
	Optical beams	14°- 16°- 25° - 33° - 36°- 58° - 69° - 78°- 17°x47°		
	Power supply	ON/OFF Optional : Dimmable version		
	Number of LEDs	**2 LED**	**3 LED**	**5 LED**
	Plug-in unit length	120mm	180mm	300mm
	Unit Power	3.20W	4.30W	6.50W
	Net weight	15g	-	27g

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

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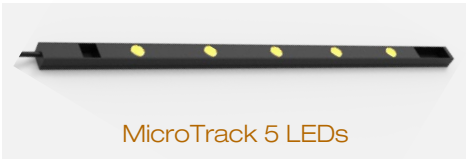
MicroTrack Nano Simple • LL



MicroTrack 2 LEDs



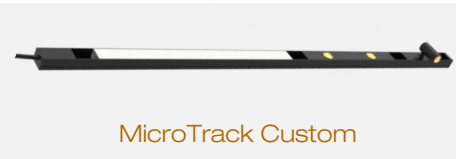
MicroTrack 3 LEDs



MicroTrack 5 LEDs



MicroTrack Linear



MicroTrack Custom

MICROTRACK

MicroTrack Linear	**LED characteristics**	2200K - 2700K – 3000K – 3500K - 4000K (other upon request) Or different colors in alternation CRI 90 – 95 • R9>80			
	Diffuser	Opal			
	Power supply	ON/OFF Optional : Dimmable version with dedicated track and DALI power supply (not available for Custom version)			
	Unit length	150mm	200mm	300mm	400mm
	LED Power 3000K CRI 95	2.20W -235lm	2.90W – 314lm	4.30W – 470lm	5.80W – 627lm
	Net weight	-	-	-	20g
Separate power supply	ON/OFF version : 24V constant voltage Dimmable version (except Custom version with linear module) : 24V constant voltage + PWM / DALI / DMX / Casambi For the US & Canada, use UL class 2 power supply				
Electrical class	III				
Use limitations	The product must be installed by a professional team into a ventilated area Any use with an ambient temperature higher than the specified ambient temperature (Ta 25°) may lead to a more rapid mortality of the product and the withdrawal of our guarantees This luminaire is a class III device and must be powered up by a SELV (Safety Extra Low Voltage) control gear delivering a constant current and compliant with the IEC 61347-2-13 standard The drivers must be approved by LOuss before use Indoor lighting IP rating: 20				
Warranty	Life span: L80B10 at 50,000 hours (80% remaining flux) at 25°C ambient temperature 3-year parts and labour warranty The warranty does not apply to products that have been opened, modified or repaired and does not cover the effects of a wrong connection, careless, abusive handling, overvoltage, lighting injury, as well as the normal wear of the product All products are electrically tested and received a functional burn-in				

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

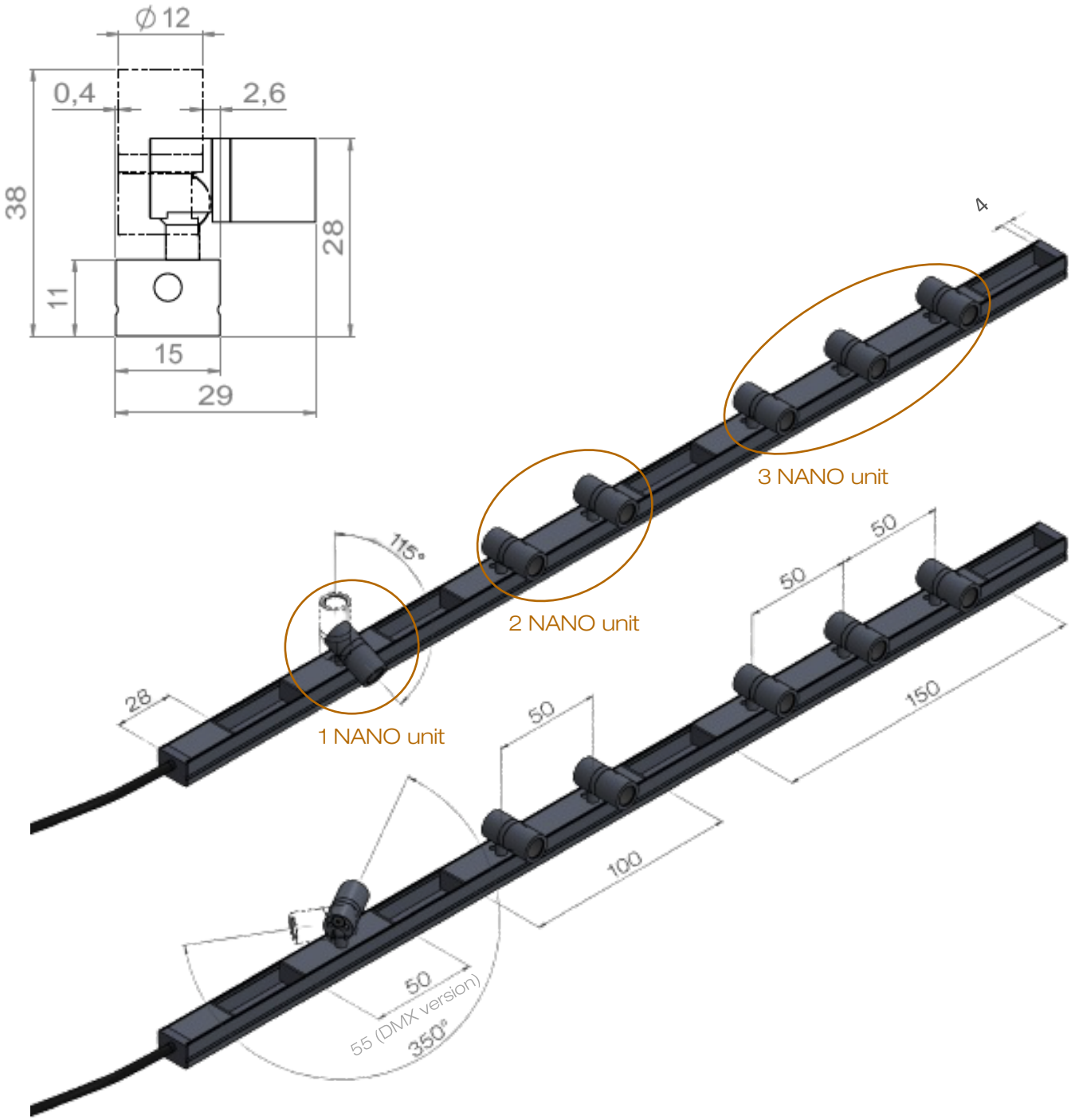
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MICROTRACK NANO
Simple



Combination of NANO units upon request
Up to 50W on 2500mm max. 24V track

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

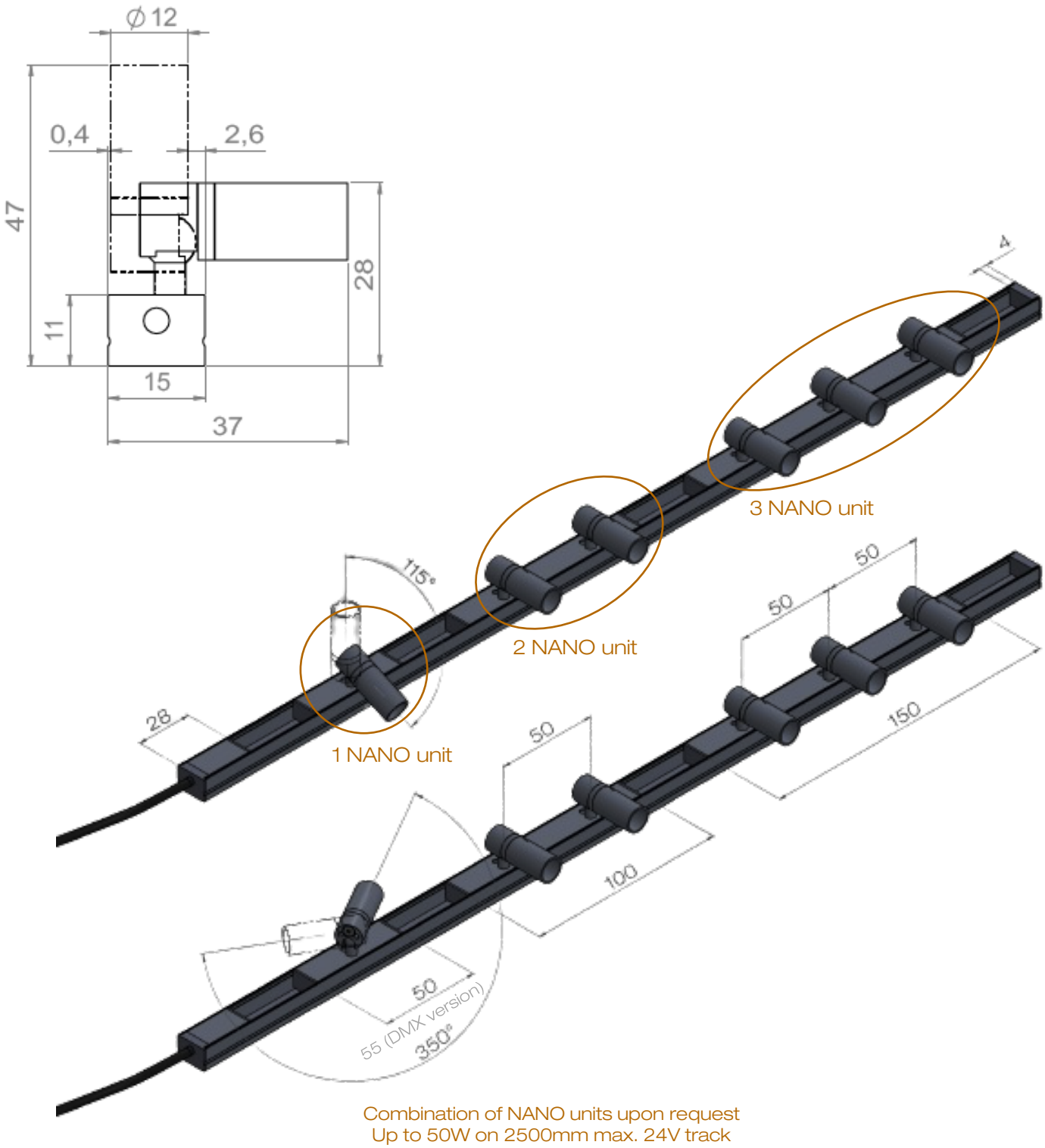
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MICROTRACK NANO
Low Luminance



Combination of NANO units upon request
Up to 50W on 2500mm max. 24V track

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otherwise the luminaires could be seriously damaged

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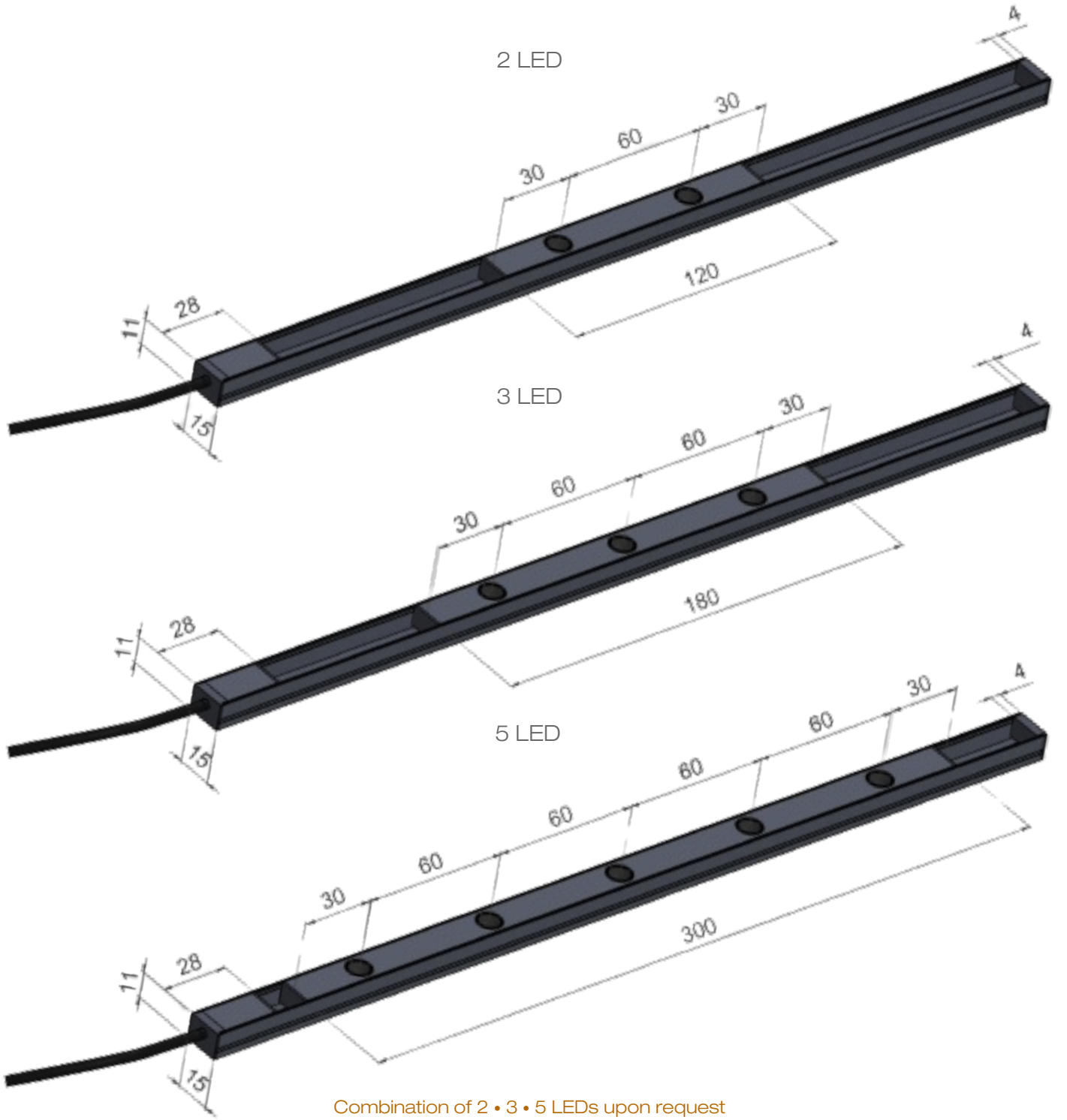
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MicroTrack 2 LED • 3 LED • 5 LED



Combination of 2 • 3 • 5 LEDs upon request
Up to 50W on 2500mm max. 24V track

All the connections have to be made before powering up,
otherwise the luminaires could be seriously damaged

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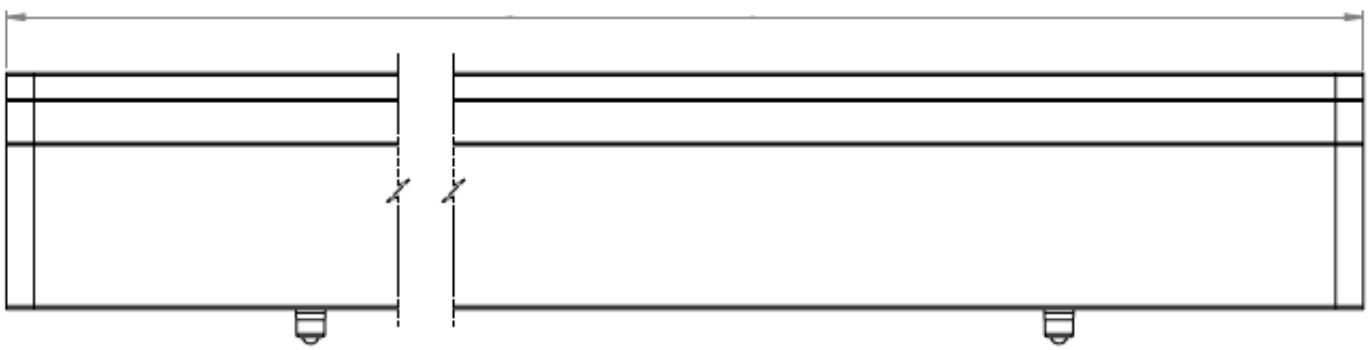
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MICROTRACK LINEAR





Unit length : 150mm to 400mm

Cut-out size : 50mm

Combination of linear LED units upon request
Up to 50W on 2500mm max. 24V track

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otherwise the luminaires could be seriously damaged

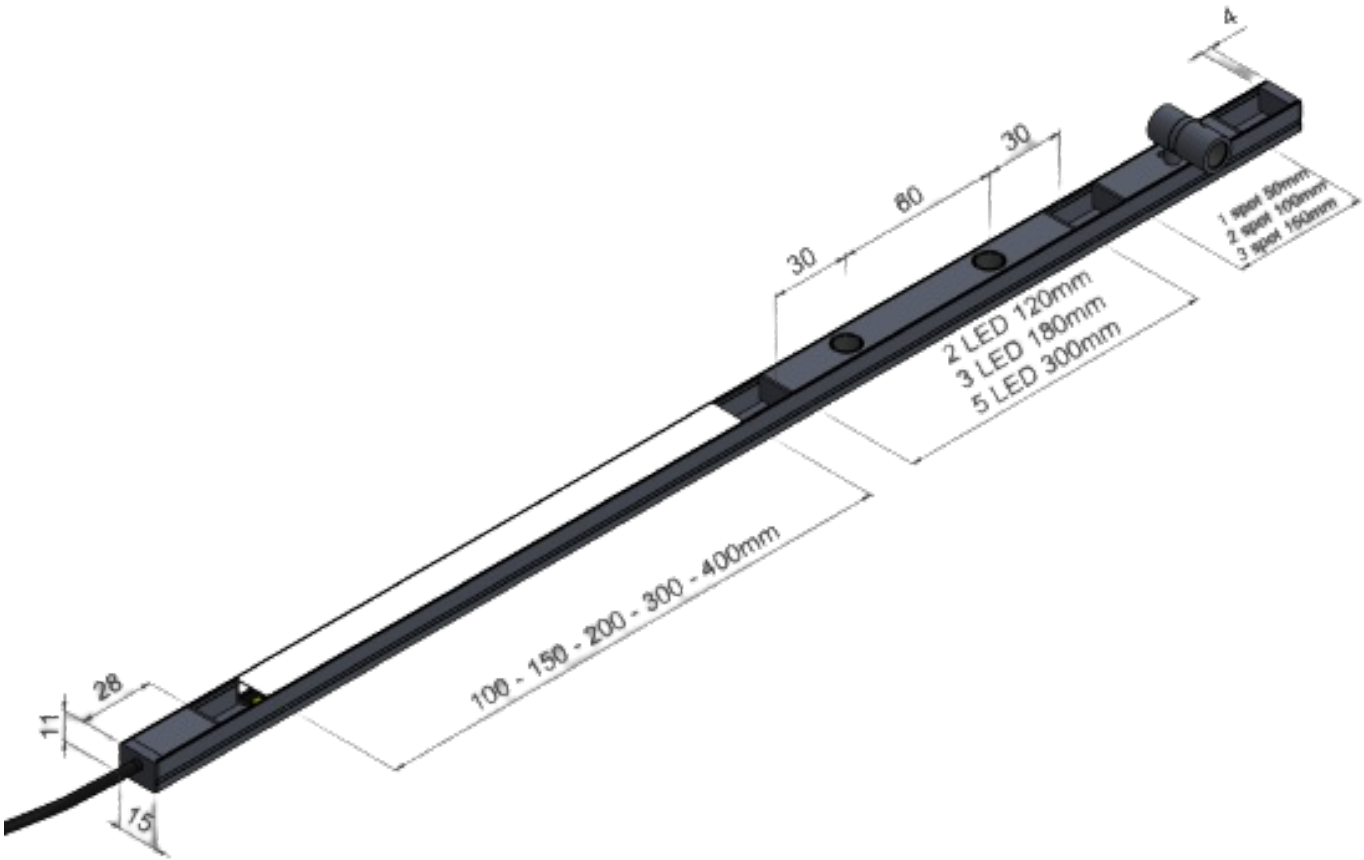
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MICROTRACK CUSTOM



Upon request, combination of :

- NANO units Simple or Low Luminance
- LED units
- Linear LED units

Up to 50W on 2500mm 24V track max.

1Kg of luminaires per meter max.

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

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MicroTrack Nano Simple • LL



MicroTrack 2 LEDs



MicroTrack 3 LEDs



MicroTrack 5 LEDs



MicroTrack Linear

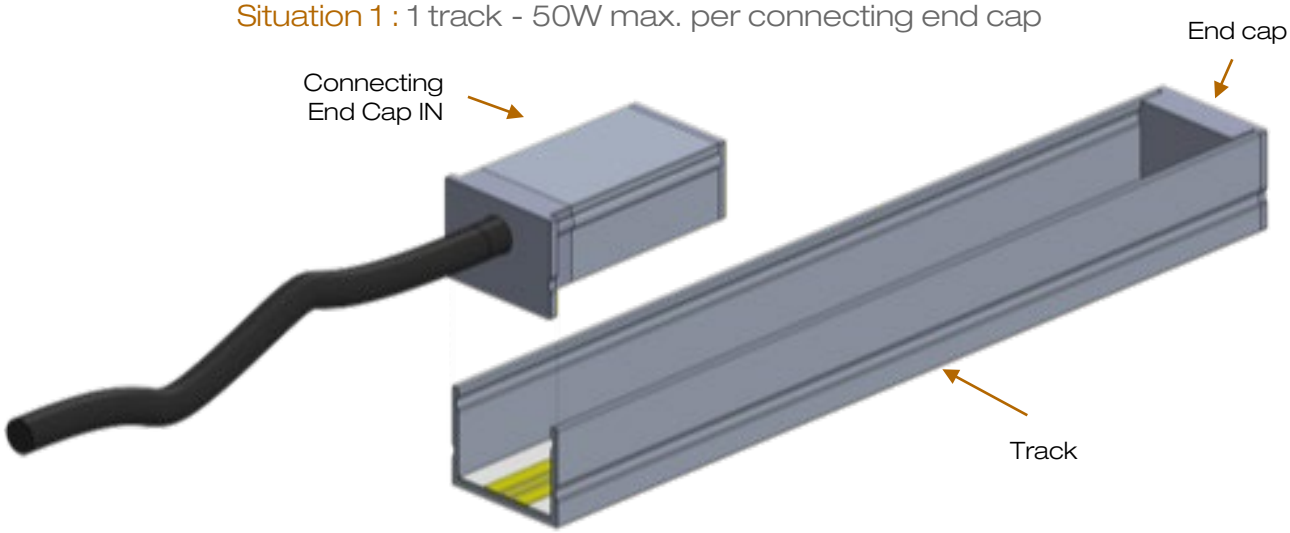


MicroTrack Custom

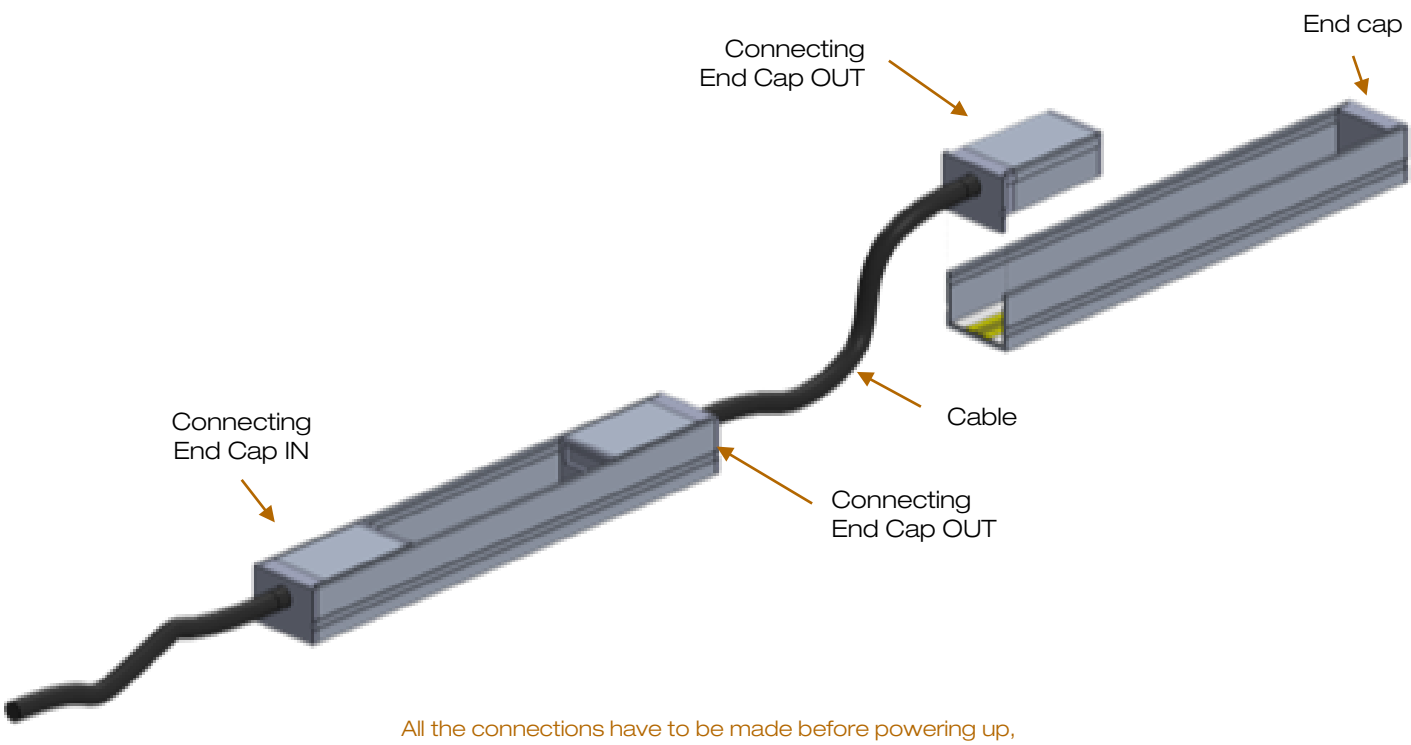
MICROTRACK

Individual or serial connection

Situation 1 : 1 track - 50W max. per connecting end cap



Situation 2 : Various chained tracks - 50W max. in total



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MICROTRACK

Dimensions & Notice d'installation

Veuillez lire toutes les instructions

Ne pas installer le rail dans un endroit mouillé ou humide
Ne pas installer de luminaire assemblé à moins de 15cm/ 6 inches d'un rideau ou matériau combustible comparable
Couper l'alimentation électrique avant d'ajouter un module ou changer la configuration du rail
Ne pas tenter d'alimenter à l'aide du rail un quelconque autre produit que les luminaires prévus à cet effet
Utilisation dans un meuble uniquement

MICROTRACK

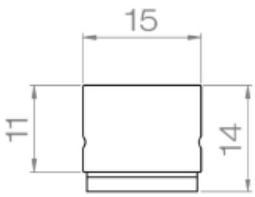
Dimensions & Installation guide

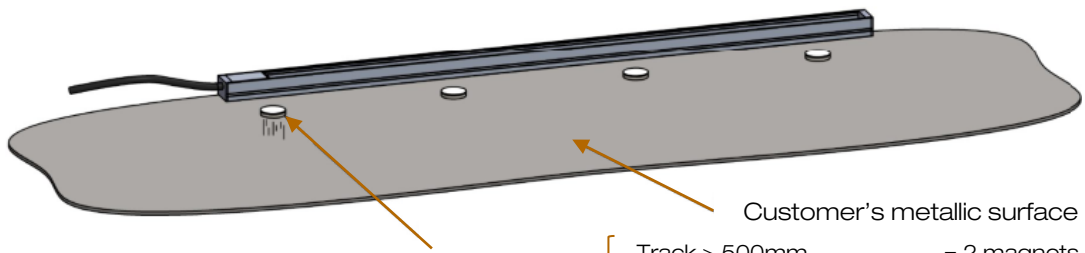
Please read all instructions

Do not install the track in damp or wet locations
Do not install any luminaire assembly closer than 15cm/ 6 inches from any curtain or similar combustible material
Disconnect electrical power before adding to, or changing the configuration of the track
Do not attempt to energize anything other than lighting track luminaires on the track
For cabinet use only

1 Install the track according to version

Magnetic version

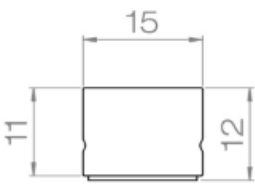




Track equipped with magnets, fixed with adhesive tape :
3 magnets every 500mm track

Track ≥ 500mm	= 2 magnets
Track ≥ 501mm ≤ 1000mm	= 3 magnets
Track ≥ 1001mm ≤ 1500mm	= 4 magnets
Track ≥ 1501mm ≤ 2000mm	= 5 magnets
Track ≥ 2001mm ≤ 2500mm	= 6 magnets

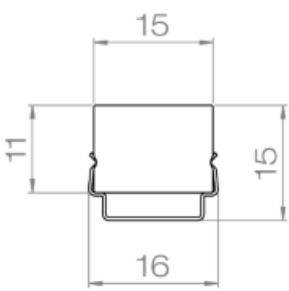
Adhesive tape version





Track equipped with
double-side adhesive tape

Fixing clips version





Track equipped with fixing clips and screws :
3 fixing clips every 500mm track

Track = 100mm ≤ 1000mm	= 2 clips
Track > 1001mm ≤ 2000mm	= 3 clips
Track > 2001mm ≤ 2500mm	= 4 clips

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

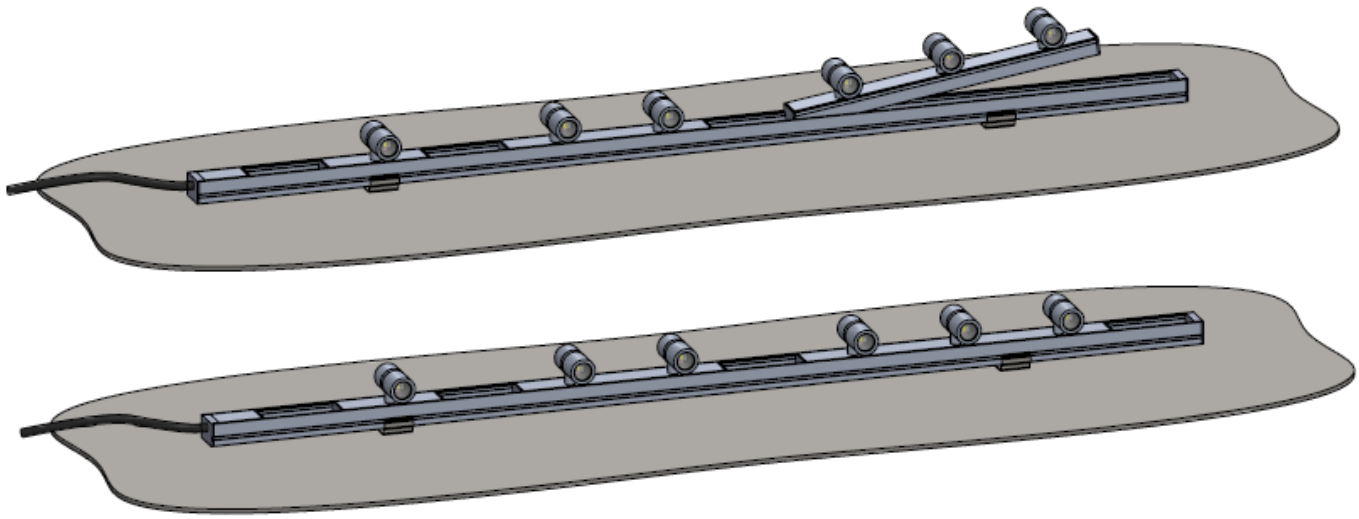
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2 Insert each unit into the track

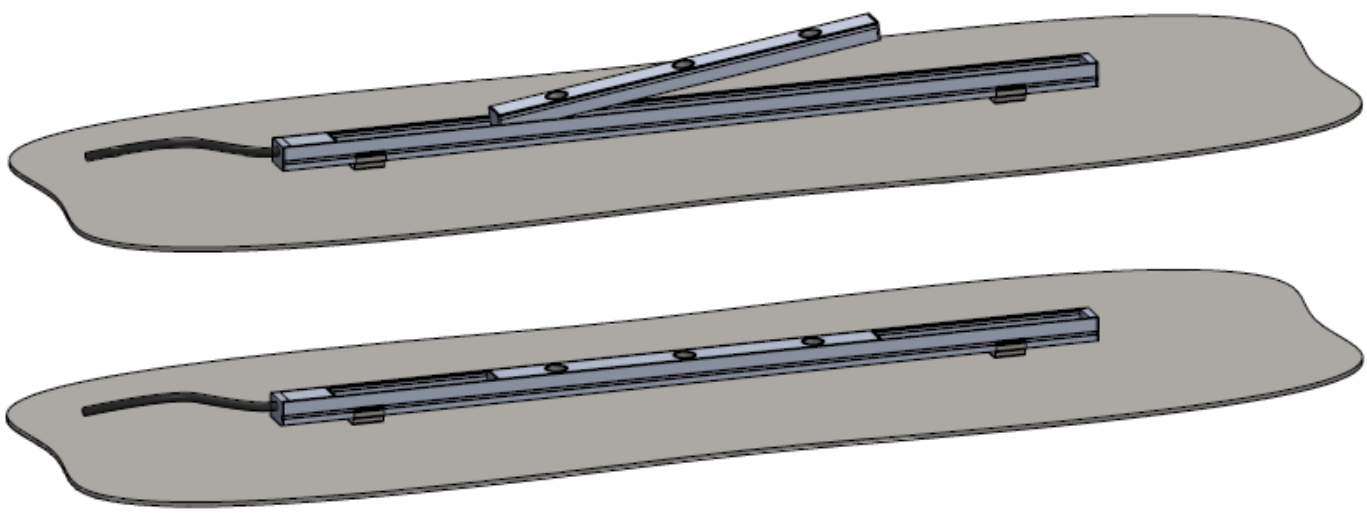
MicroTrack Nano



/!\ Do not slide the luminaires along the track, as this may damage whole lighting fixture /!\

Combination of NANO units upon request
Up to 50W on 2500mm max. 24V track

MicroTrack 2 LED • 3 LED • 5 LED



/!\ Do not slide the luminaires along the track, as this may damage whole lighting fixture /!\

Combination of 2 • 3 • 5 LED upon request
Up to 50W on 2500mm max. 24V track

All the connections have to be made before powering up,
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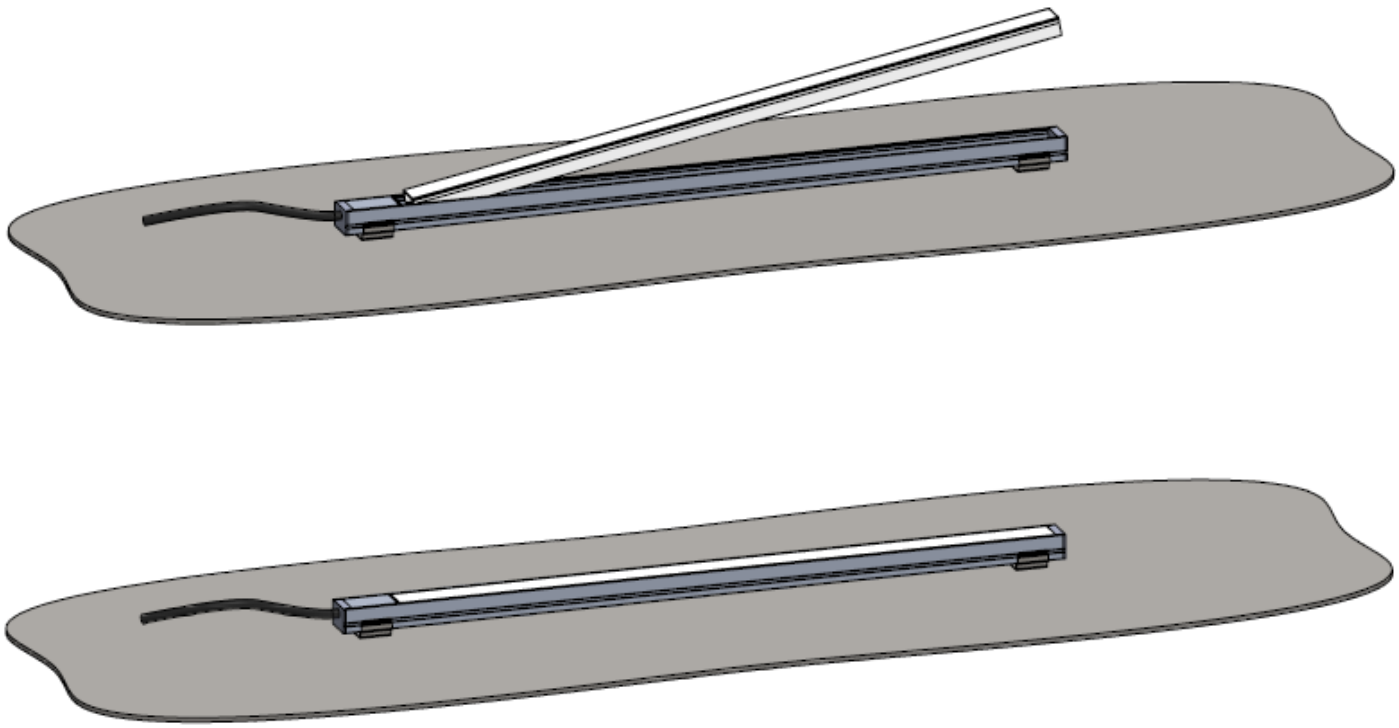
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2 Insert each unit into the track

MicroTrack Linear



/!\ Do not slide the luminaires along the track, as this may damage whole lighting fixture /!\

Combination of linear LED units upon request
Up to 50W on 2500mm max. 24V track

All the connections have to be made before powering up,
otherwise the luminaires could be seriously damaged

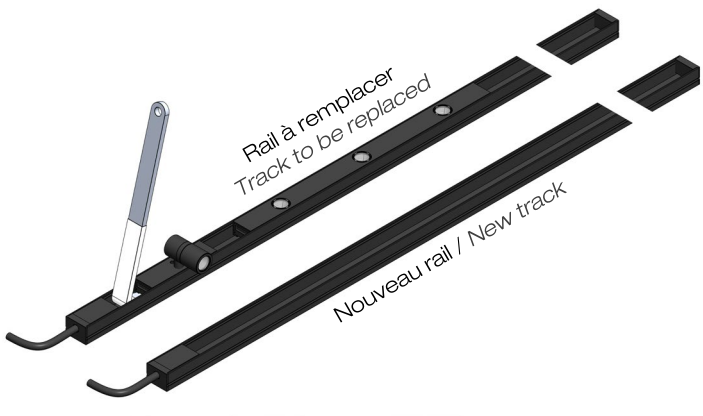
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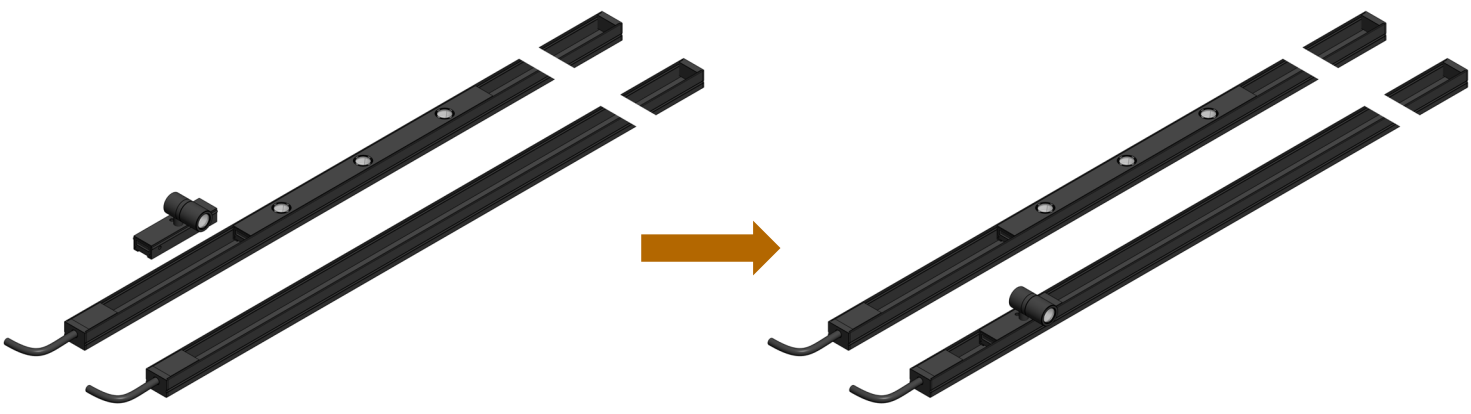
- Insert the tool under the LED module(s) or NANO spotlight(s)
- Gently lower the tool in order to release the LED modules and NANO spotlights one by one





2 Remove the track to be replaced and install the new track in the same location

3 Place the LED modules and NANO spotlights **in the exact same position as previously,** on the new track



/!\ Do not slide the luminaires along the track, as this may damage whole lighting fixture /!\

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MicroTrack Nano Simple • LL



MicroTrack 2 LEDs



MicroTrack 3 LEDs



MicroTrack 5 LEDs



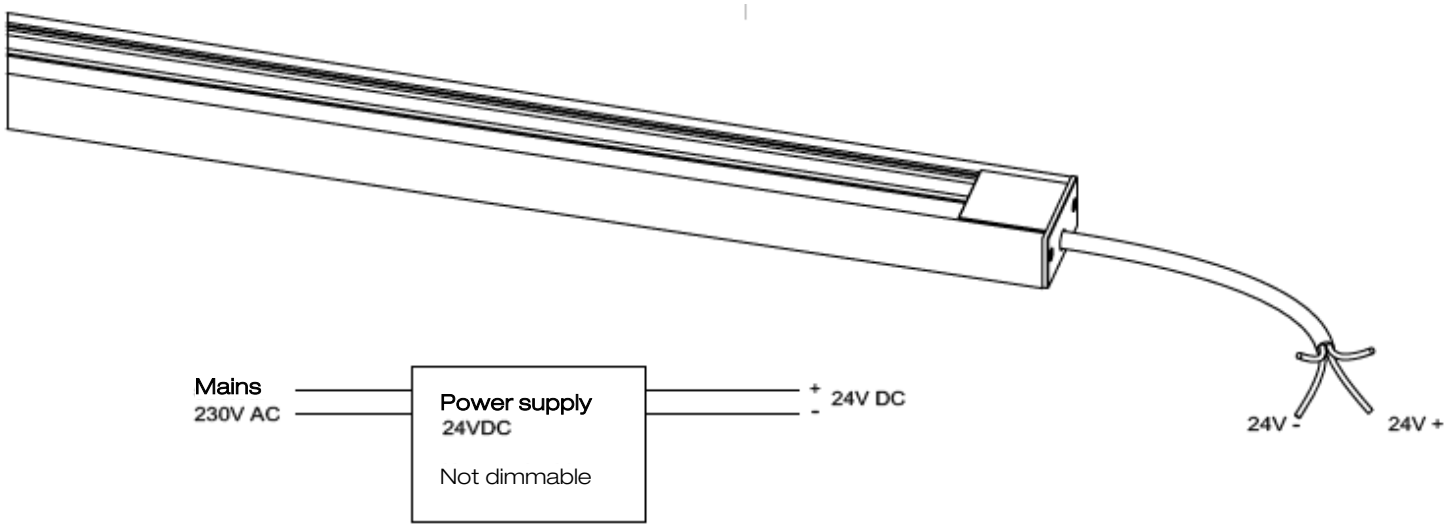
MicroTrack Linear



MicroTrack Custom

MICROTRACK

Wiring system
ON/OFF



All the connections have to be made before powering up,
otherwise the luminaires could be seriously damaged

Creation : 2025.01.10 / Last update : 2026.10.14

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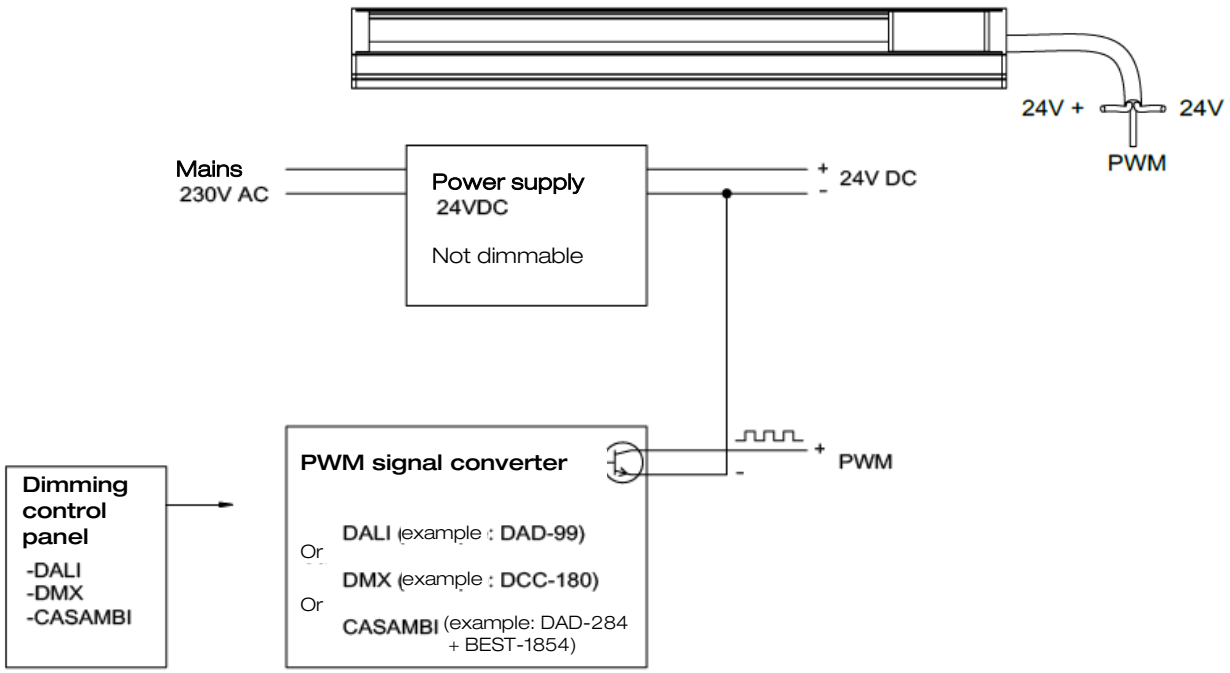


MicroTrack Custom

MICROTRACK

Wiring system
Dimmable version • 24V PWM

Dimming of the whole track - all units simultaneously

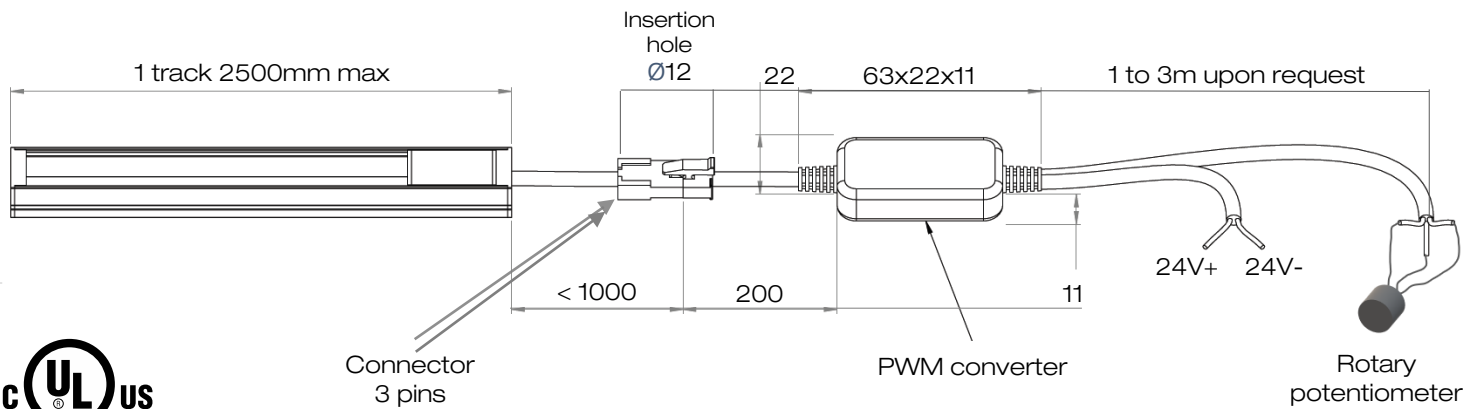


MICROTRACK

Wiring system
Dimmable by potentiometer version • 24V PWM

Dimming of the whole track - all units simultaneously

Suitable for NANO units & LED units with dimming option only



All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged

Creation : 2025.01.10 / Last update : 2026.10.14

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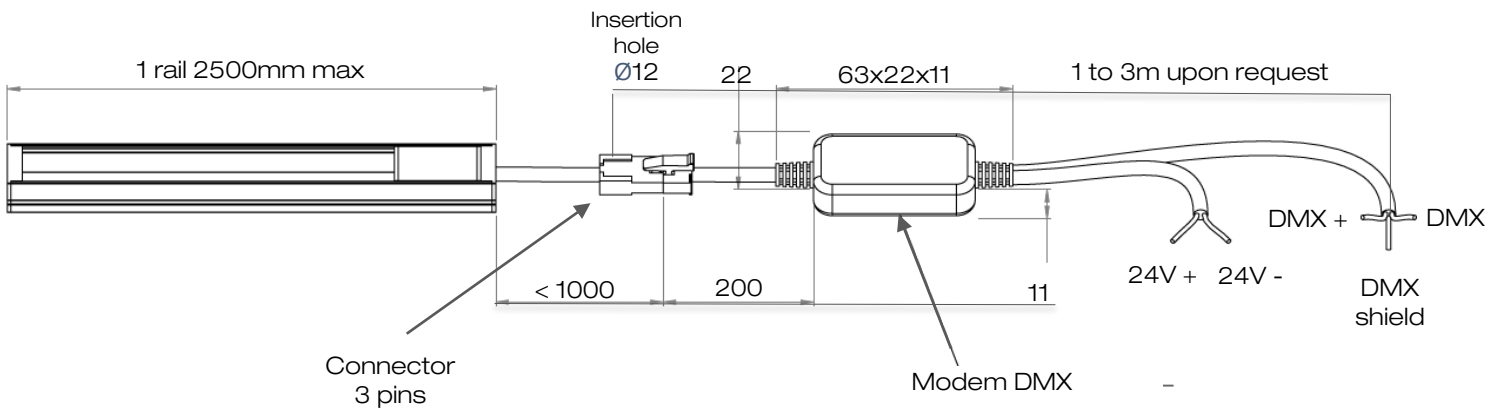
MICROTRACK

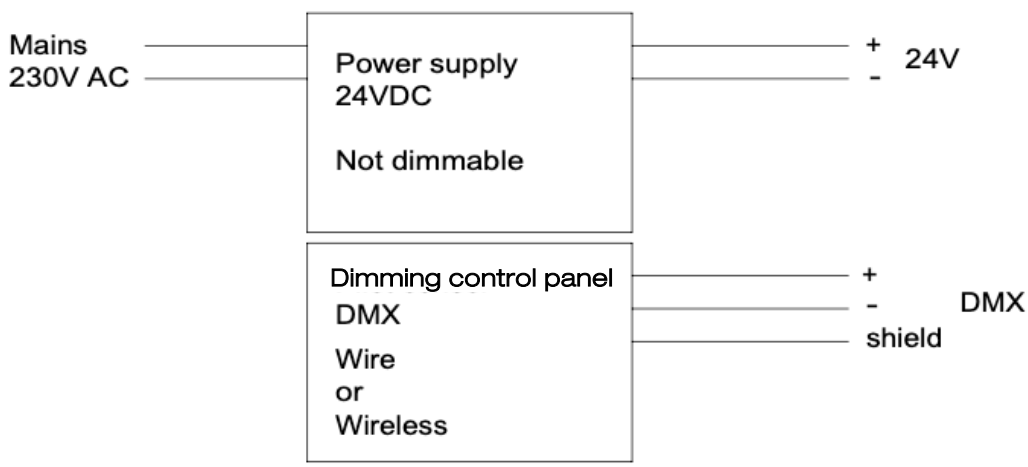
Wiring system
Dimmable version • 24V DMX

Independent dimming of each unit

1 unit = 1 DMX address

10 DMX drivers max. per track





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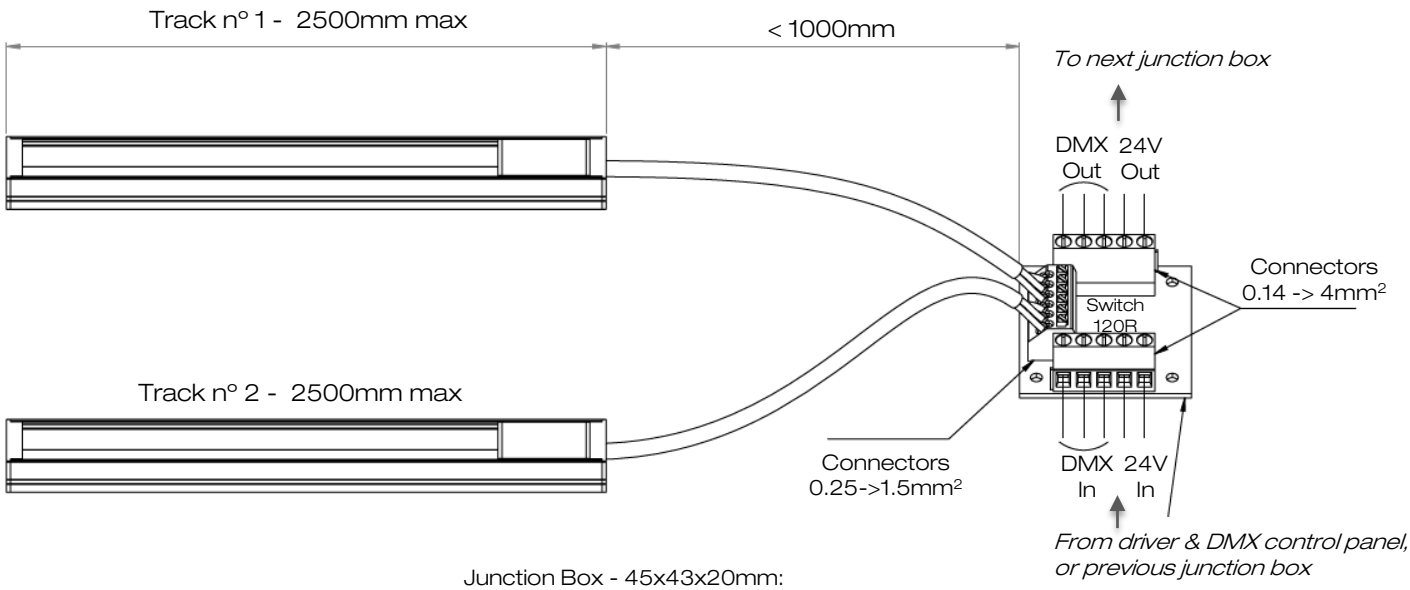
MICROTRACK

Wiring system
Dimmable version • 24V DMX

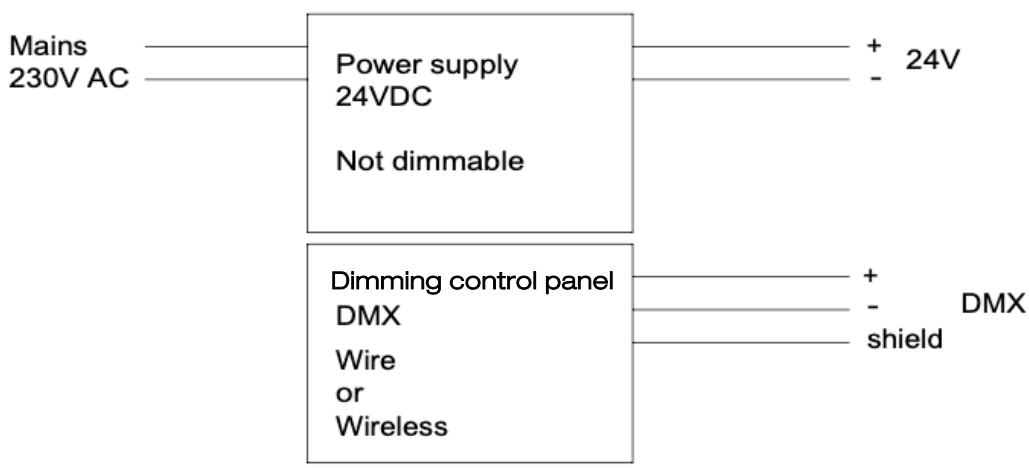
Independent dimming of each unit

1 unit = 1 DMX address

Daisy Chain - 10 DMX drivers max. per track



Junction Box - 45x43x20mm:
- DMX Modem for 2 tracks
- 1 DMX output
- Terminal 120R selectable by switch



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