

48V track lighting systems are low-voltage lighting solutions based on electrified tracks. The track serves both as a physical structure and as a power carrier, allowing light modules to be placed and repositioned as needed, offering flexibility, safety, and energy efficiency. Ideal for projects that demand minimalist design, high performance, and adaptability.

To configure your 48V system, you'll need to combine the following components:

1. Tracks - Available in surface, trimless, surface short, suspended (using suspension accessories with the surface track), and indirect light versions. They form the structural and electrical base of the system.
2. Connectors & Power Supply - Ensure electrical continuity between track sections and provide the 48V power input.
3. Accessories - Including end caps, joiners, mounting elements, and optional installation accessories to complete and secure the setup.



## Track Options

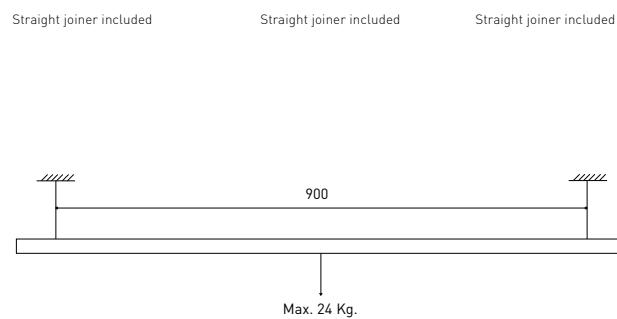
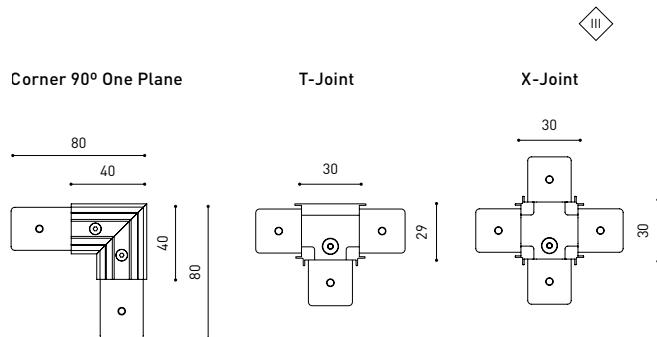
Choose the track version required for your project configuration.

### Surface

TRACK 48V SURFACE 1m	A338-11-00-   NT   WT
TRACK 48V SURFACE 2m	A338-12-00-   NT   WT
TRACK 48V SURFACE 3m	A338-13-00-   NT   WT



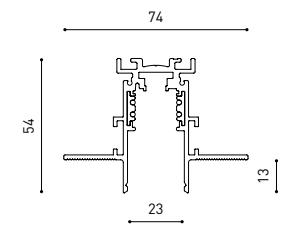
TRACK 48V SURFACE Corner 90° One Plane	A338-14-00-   NT   WT
TRACK 48V SURFACE T-Joint	A338-15-00-   NT
TRACK 48V SURFACE X-Joint	A338-16-00-   NT



### Trimless

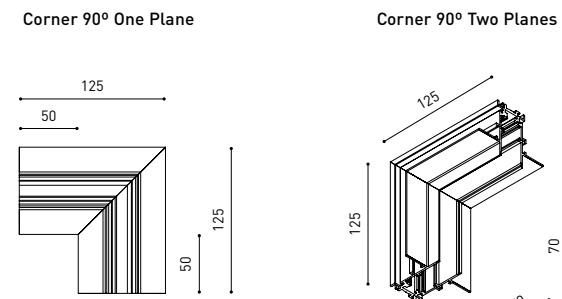
TRACK 48V TRIMLESS 1m	A338-01-00-   N   WT
TRACK 48V TRIMLESS 2m	A338-02-00-   N   WT
TRACK 48V TRIMLESS 3m	A338-03-00-   N   WT

plasterboard ceiling, mandatory thickness 12,5mm. Recommended for installations where the profile can be installed before the false plasterboard ceiling.



TRACK 48V TRIMLESS Corner 90° One Plane	A338-06-00-   N   WT
TRACK 48V TRIMLESS Corner 90° Two Planes	A338-07-00-   N   WT

plasterboard ceiling, mandatory thickness 12,5mm. Recommended for installations where the profile can be installed before the false plasterboard ceiling.



TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

Electrical connections are not included. Please choose the required components from the Connectors section.

## Complementary track accessories

Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

### Surface

#### End 48V

A338-00-06- | NT | WT |



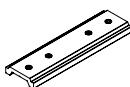
#### End Feed 48V

A338-00-07- | NT | WT |



#### Surface Straight Joiner 48V

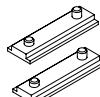
A338-00-11



### Trimless

#### Trimless Straight Joiners (2 units) 48V

A338-00-05- | N | WT |



### For all tracks

#### Cover Gap 1m 48V

A338-00-30- | N | W |

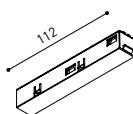


### Connector options

Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

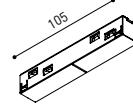
#### Live-End Connector 48V

A338-00-01- | N |



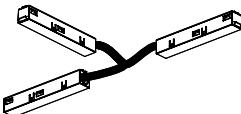
#### Central Connector 48V

A338-00-02- | N |



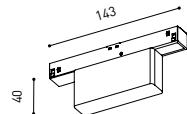
#### T-Joint Connector 48V

A450-00-07- | N |



#### Wireless Control 48V

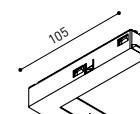
0434-01-31- | N | W | Casambi



#### Corner 90° Connector One Plane 48V

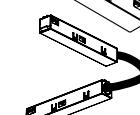
A338-00-24- | N | W |

\*Not suitable for trimless version



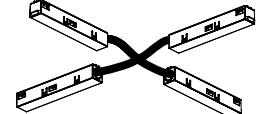
#### L-Joint Connector 48V

A338-00-12- | N |



#### X-Joint Connector 48V

A450-00-08- | N |



COLOUR | N ■ RAL 9005 | W □ RAL 9016 |

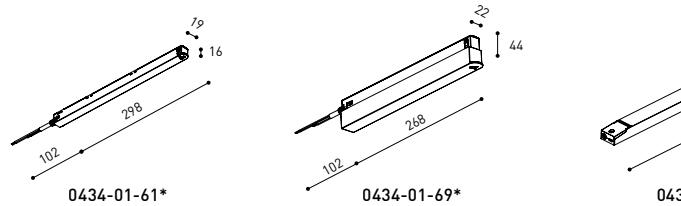
## Power Supply Options

Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

### For all tracks

Constant Voltage LED POWER SUPPLY	P	V	D (A x B x C)
0434-01-61*   N   W	100W	48V	298 x 19 x 16mm
0434-01-69*   N   W	250W	48V	268 x 22 x 40mm
0434-01-62	150W	48V	350 x 30 x 18mm
0434-01-80	250W	48V	400 x 40 x 22mm

220 V~ 240 V~ | \*To be installed inside the track.

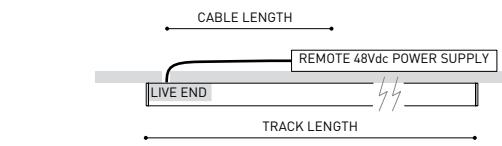


DROP VOLTAGE TABLE

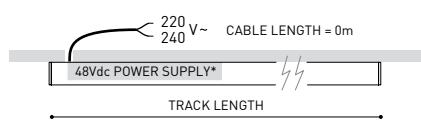
POWER (W)	CABLE SECTION (mm <sup>2</sup> )	CABLE LENGTH (m)			
		5	10	20	30
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

### Connection diagrams:

#### Surface

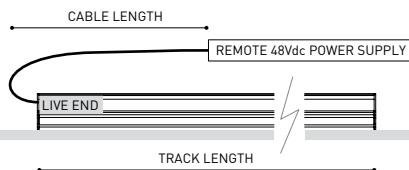


Remote driver installation

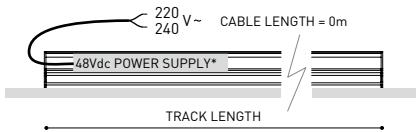


Integrated driver installation

#### Trimless

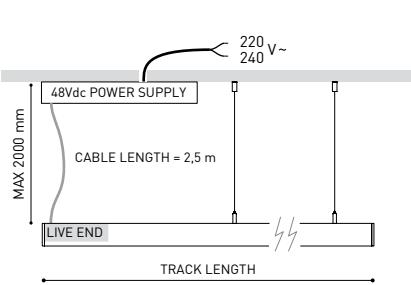


Remote driver installation

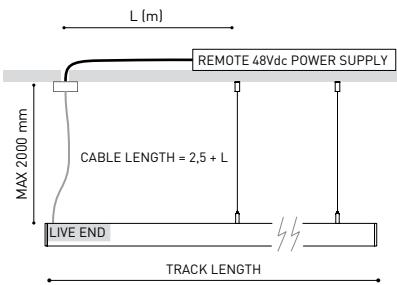


Integrated driver installation

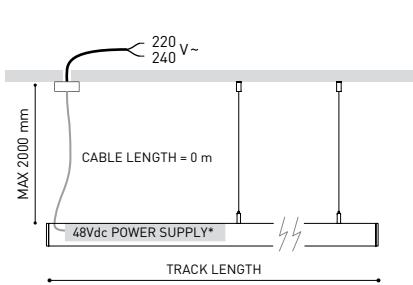
#### Suspension



Aside box



Remote driver installation



Integrated driver installation

COLOUR | N ■ RAL 9005 |

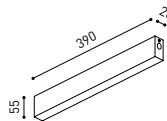
## Other accessories

### Alternative surface installation

For aside box installation replace the power supply:

#### Power Supply Case 48V

A338-00-29-   NT   WT	150W
220 V~ 240 V~ INCL	*To be installed aside 48V Surface Tracks



### Suspension components

For a suspended configuration, use surface components together with the following accessories:

#### SURFACE Suspension Kit [2 units] 48V

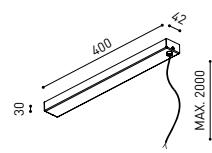
A338-00-15-   NT   WT
-----------------------



For suspension aside box installation replace the power supply:

#### Wired Power Supply Case 48V

A338-00-25-   NT   WT   150W	NO DIM
A338-00-26-   NT   WT   150W	DIM
220 V~ 240 V~ INCL	

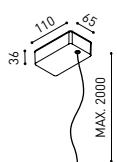


Required for remote or integrated driver installation:

#### Suspension Feed Kit 48V

A338-00-16-   N   W	NO DIM
A338-00-17-   N   W	DIM

For remote power supply



A338-00-27-   N   W	NO DIM
A338-00-28-   N   W	DIM

For power supply inside the track

### Wire trimless accessories

For installing the suspension system cleanly and discreetly — with no visible ceiling boxes or mounting elements.

#### FEED

##### Mains Trimless\*

A023-00-01-   W   N	NO DIM
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##### Mains Thick Trimless\*

A023-00-02-   W   N	DIM
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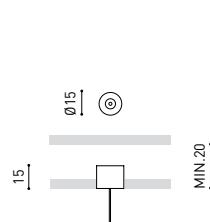
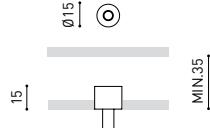
#### FASTENING

##### Steel Cable Trimless\*

A023-00-05-   W   N	
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\* As many pieces as needed according to your product



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

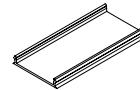
### Trimless mounting accessories

These accessories offer different options for installing trimless track systems according to ceiling type and project needs.

#### Trimless Plaster Installation Guard 1m 48V

A338-00-21
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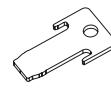
Recommended for installation



#### Fixing Template for Track 48V Trimless

A338-00-31
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Recommended for installation



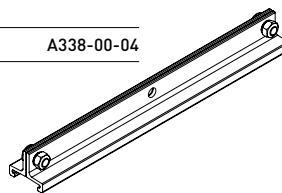
#### Trimless Short T-Bracket 48V

A338-00-03
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#### Trimless Short T-Bracket 48V

A338-00-04
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#### Trimless Clamp for M6 ROD 48V

A338-00-09
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\*See accessories quantities



#### Trimless Track Clamp 48V

A338-00-10
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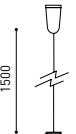
\*See accessories quantities



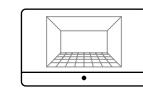
#### Trimless Suspension Kit 48V

A338-00-08
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\*See accessories quantities



TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



### PRODUCT CONFIGURATOR

Use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories.

[Start your configuration →](#)

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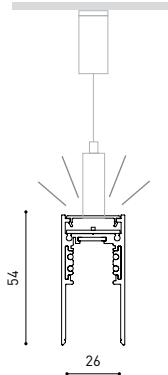


## Track Options

Choose the track version required for your project configuration.

		P	CCT	Flux	LOR	L
TRACK 48V + IND. LIGHT 1400	A466-01-20-   NT   WT	18,3W	2700K	2320lm	70%	1402mm
	A466-01-21-   NT   WT	18,3W	3000K	2380lm	70%	1402mm
	A466-01-22-   NT   WT	18,3W	4000K	2585lm	70%	1402mm
TRACK 48V + IND. LIGHT 2800	A466-02-20-   NT   WT	39,2W	2700K	5210lm	70%	2802mm
	A466-02-21-   NT   WT	39,2W	3000K	5360lm	70%	2802mm
	A466-02-22-   NT   WT	39,2W	4000K	5820lm	70%	2802mm

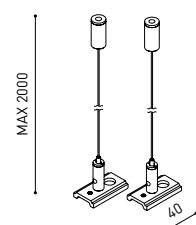
48V | IP20 | CRI>90 | L90B5  
>50.000 h



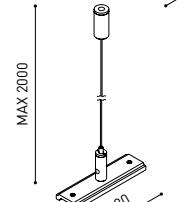
## Complementary track accessories

Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

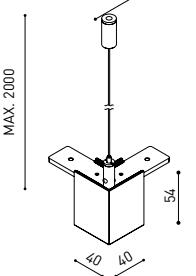
Indirect Light Suspension kit 48V (2 units)  
A466-00-03- | NT | WT |



Suspension straight joiner kit 48V  
A466-00-04- | NT | WT |



Suspension 90° Corner joiner kit 48V  
A466-00-05- | NT | WT |

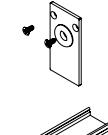


COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

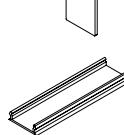
End 48V  
A338-00-06- | NT | WT |



End Feed 48V  
A338-00-07- | NT | WT |



Cover Gap 1m 48V  
A338-00-30- | N | W |

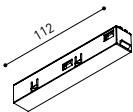


## Connector options

Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

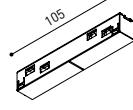
Live-End Connector 48V

A338-00-01- | N | W |



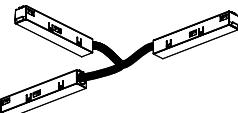
Central Connector 48V

A338-00-02- | N | W |



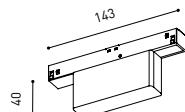
T-Joint Connector 48V

A450-00-07- | N |



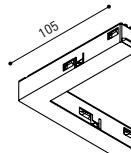
Wireless Control 48V

0434-01-31- | N | W | Casambi



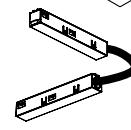
Corner 90° Connector One Plane 48V

A338-00-24- | N | W |



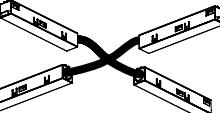
L-Joint Connector 48V

A338-00-12- | N | W |



X-Joint Connector 48V

A450-00-08- | N |



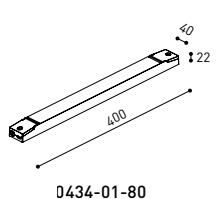
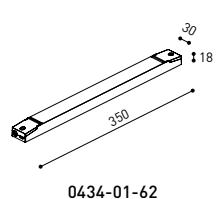
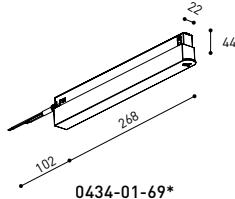
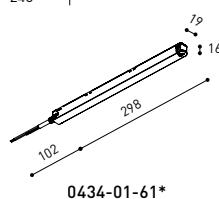
## Power Supply Options

Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

Constant Voltage  
LED POWER SUPPLY

	P	V	D (A x B x C)
0434-01-61*   N   W	100W	48V	298 x 19 x 16mm
0434-01-69*   N   W	250W	48V	268 x 22 x 40mm
0434-01-62	150W	48V	350 x 30 x 18mm
0434-01-80	250W	48V	400 x 40 x 22mm

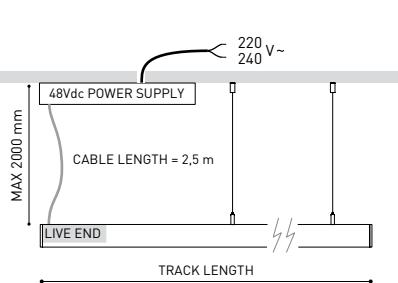
220 V~ | 240 V~ | \*To be installed inside the track.



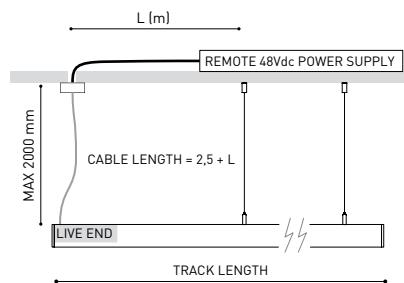
DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm <sup>2</sup> )	CABLE LENGTH (m)			
		5	10	20	30
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

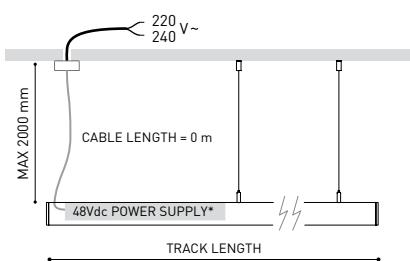
## Connection diagrams:



Aside box



Remote driver installation



Integrated driver installation

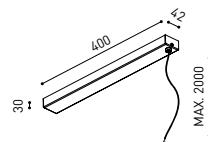
COLOUR | N ■ RAL 9005 |

## Other accessories

### Suspension components

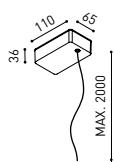
For suspension aside box installation replace the power supply:

Wired Power Supply Case 48V			
A338-00-25-		NT	WT   150W
			■■■ NO DIM
A338-00-26-		NT	WT   150W
			■■■■■ DIM
220	V~	240	INCL



Required for remote or integrated driver installation:

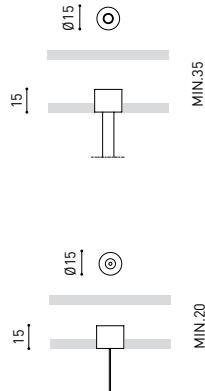
Suspension Feed Kit 48V			
A338-00-16-		N	W
			■■■ NO DIM
A338-00-17-		N	W
			■■■■■ DIM
For remote power supply			
A338-00-27-		N	W
			■■■ NO DIM
A338-00-28-		N	W
			■■■■■ DIM
For power supply inside the track			



### Wire trimless accessories

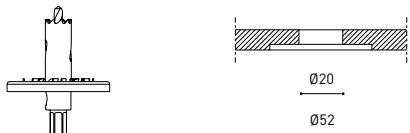
For installing the suspension system cleanly and discreetly — with no visible ceiling boxes or mounting elements.

FEED			
Mains Trimless*			
A023-00-01-		W	N
NO DIM			
Mains Thick Trimless*			
A023-00-02-		W	N
DIM			
REMOTE			
INCL			
Ø20			
FASTENING			
Steel Cable Trimless*			
A023-00-05-		W	N
INCL			
Ø20			



\* As many pieces as needed according to your product

TRIMLESS TOOL D20 X D52mm A478-00-01



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |