

Track 48V

ARKOSLIGHT

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.

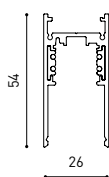


Track Options

Choose the track version required for your project configuration.

Surface

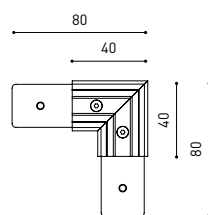
TRACK 48V SURFACE 1m	A338-11-00- NT WT
TRACK 48V SURFACE 2m	A338-12-00- NT WT
TRACK 48V SURFACE 3m	A338-13-00- NT WT



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

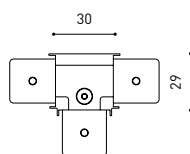


Corner 90° One Plane



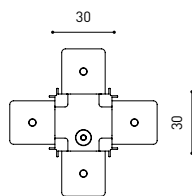
Straight joiner included

T-Joint

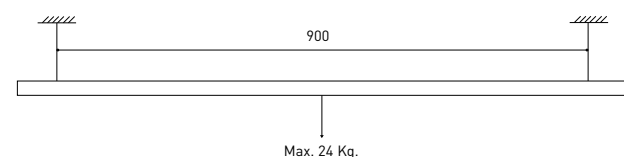


Straight joiner included

X-Joint



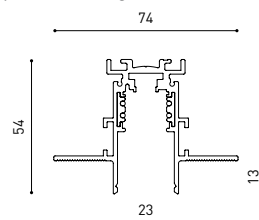
Straight joiner included



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.

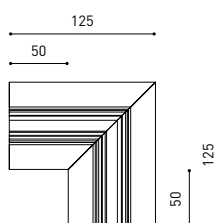


TRACK 48V TRIMLESS Corner 90° One Plane	A338-06-00- N WT
TRACK 48V TRIMLESS Corner 90° Two Planes	A338-07-00- N WT

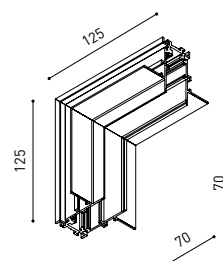
plasterboard ceiling, mandatory thickness 12,5mm. Recommended for installations where the profile can be installed before the false plasterboard ceiling.



Corner 90° One Plane



Corner 90° Two Planes



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.

Calle N, s/n - Pol. Ind. El Olival
 46394 Ribarroja del Turia-Valencia (Spain)
 info@arkoslight.com - www.arkoslight.com



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 |



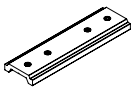
End Feed 48V

A338-00-07- | NT | WT |



Surface Straight Joiner 48V

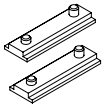
A338-00-11



Trimless

Trimless Straight Joiners (2 units) 48V

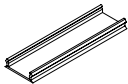
A338-00-05- | N | WT |



For all tracks

Cover Gap 1m 48V

A338-00-30- | N | W |

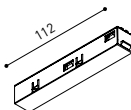


Connector options

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

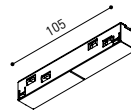
Live-End Connector 48V

A338-00-01- | N |



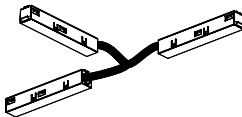
Central Connector 48V

A338-00-02- | N |



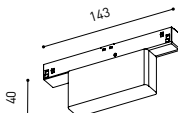
T-Joint Connector 48V

A450-00-07- | N |



Wireless Control 48V

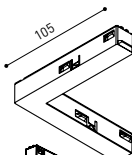
0434-01-31- | N | W | Casambi



Corner 90° Connector One Plane 48V

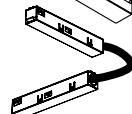
A338-00-24- | N | W |

*Not suitable for trimless version



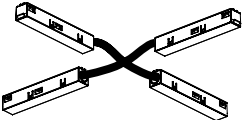
L-Joint Connector 48V

A338-00-12- | N |



X-Joint Connector 48V

A450-00-08- | N |



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

Power Supply Options

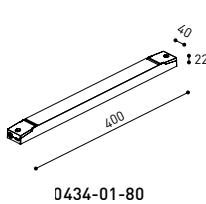
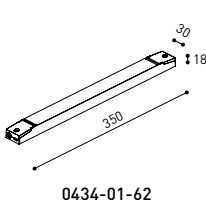
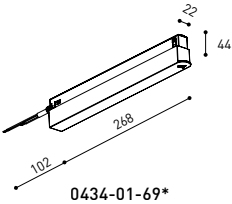
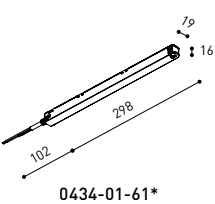
Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

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 | *To be installed inside the track.

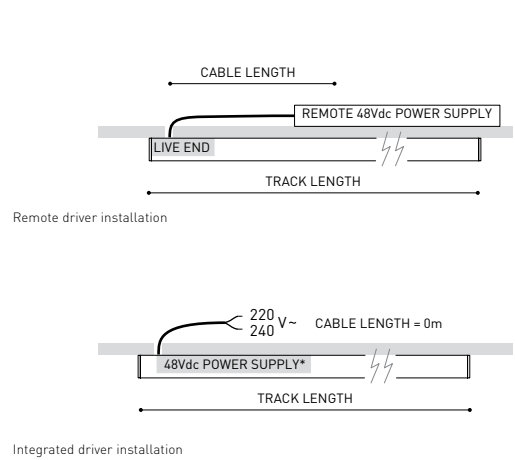


DROP VOLTAGE TABLE

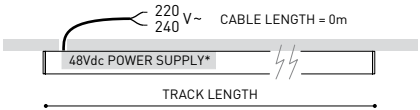
POWER [W]	CABLE SECTION (mm²)	CABLE LENGTH (m)			
		5	10	20	30
		TRACK LENGTH (m)			
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

Connection diagrams:

Surface

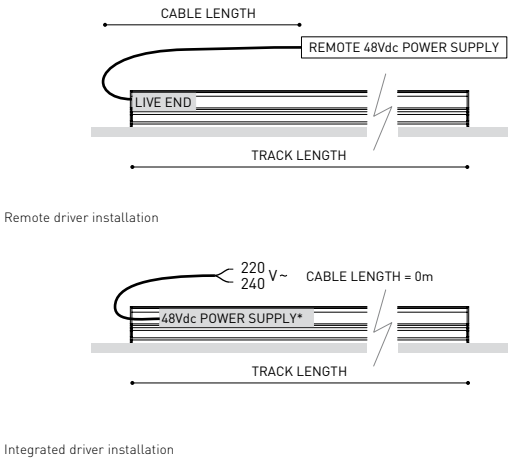


Remote driver installation

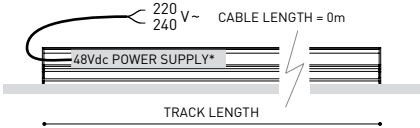


Integrated driver installation

Trimless

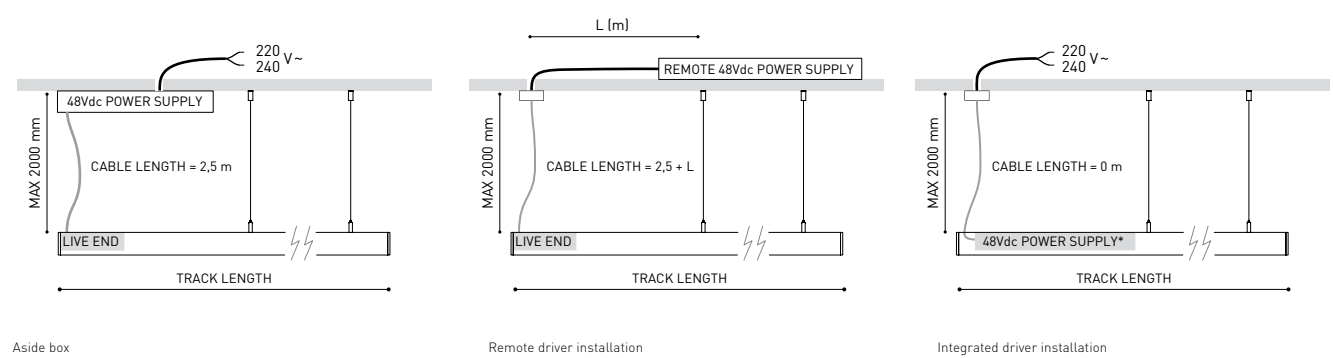


Remote driver installation



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:

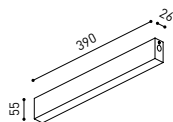
Power Supply Case 48V

A338-00-29- | NT | WT | 150W

220 V ~
240



*To be installed aside 48V Surface Tracks

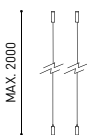


Suspension components

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

SURFACE Suspension Kit (2 units) 48V

A338-00-15- | NT | WT |



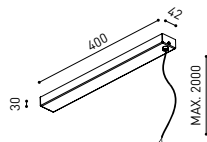
For suspension aside box installation replace the power supply:

Wired Power Supply Case 48V

A338-00-25- | NT | WT | 150W NO DIM

A338-00-26- | NT | WT | 150W DIM

220 V ~
240



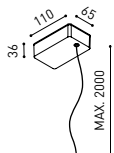
Required for remote or integrated driver installation:

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.

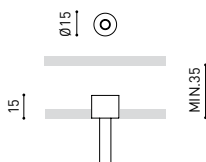
FEED

Mains Trimless*

A023-00-01- | W | N | NO DIM

Mains Thick Trimless*

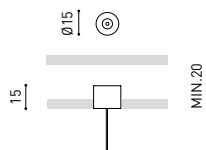
A023-00-02- | W | N | DIM



FASTENING

Steel Cable Trimless*

A023-00-05- | W | N |



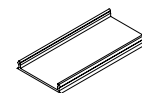
* As many pieces as needed according to your product

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



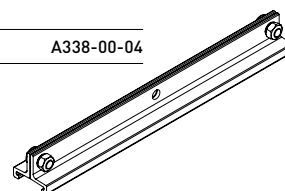
Trimless Short T-Bracket 48V

A338-00-03



Trimless Short T-Bracket 48V

A338-00-04



Trimless Clamp for M6 ROD 48V

A338-00-09

*See accessories quantities



Trimless Track Clamp 48V

A338-00-10

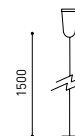
*See accessories quantities



Trimless Suspension Kit 48V

A338-00-08

*See accessories quantities



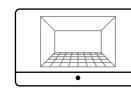
SUGGESTED MOUNTING ACCESSORIES QUANTITIES

1000 mm - 2 Pcs

2000 mm - 2 Pcs

3000 mm - 3 Pcs

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 →](#)

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

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- 3. Accessories – Including end caps, joiners, mounting elements, and optional installation accessories to complete and secure the setup.

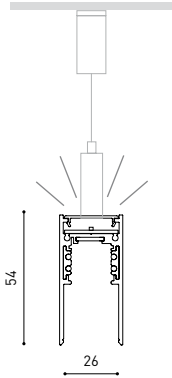


Track Options

Choose the track version required for your project configuration.

		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 | III | IP20 | CRI>90 | L90B5 >50.000h



Complementary track accessories

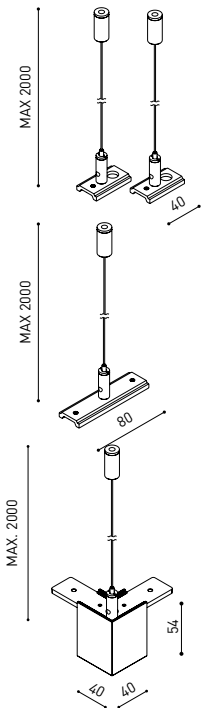
Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

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 |

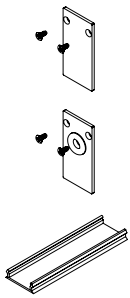
III *Electrical connection not included.



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

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

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



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

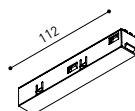
Electrical connections are not included. Please choose the required components from the Connectors section.

Connector options

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

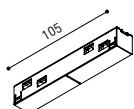
Live-End Connector 48V

A338-00-01- | N | W |



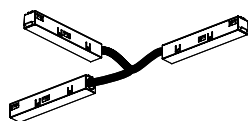
Central Connector 48V

A338-00-12- | N | W |



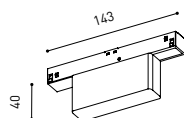
T-Joint Connector 48V

A450-00-07- | N |



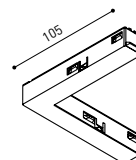
Wireless Control 48V

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



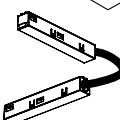
Corner 90° Connector One Plane 48V

A338-00-24- | N | W |



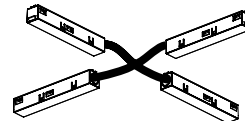
L-Joint Connector 48V

A338-00-12- | N | W |



X-Joint Connector 48V

A450-00-08- | N |



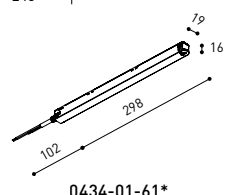
Power Supply Options

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

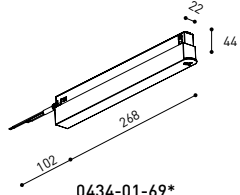
Constant Voltage LED POWER SUPPLY

	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

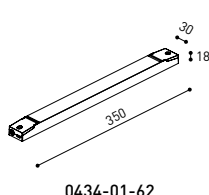
220 V~ 240 | *To be installed inside the track.



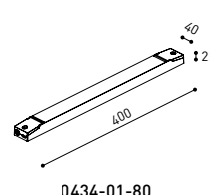
0434-01-61*



0434-01-69*



0434-01-62

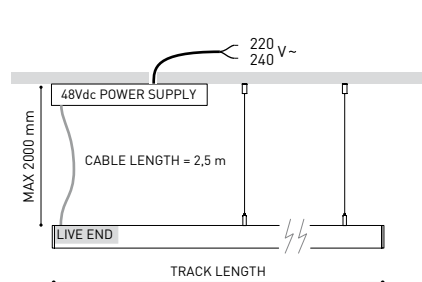


0434-01-80

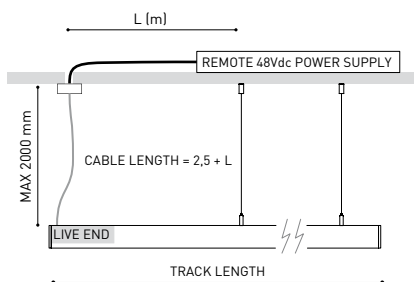
DROP VOLTAGE TABLE

		CABLE LENGTH (m)			
		5	10	20	30
POWER (W)	CABLE SECTION (mm²)	TRACK 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

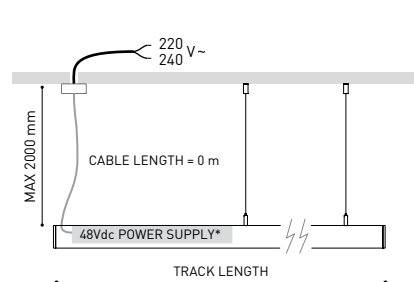
Connection diagrams:



Aside box



Remote driver installation



Integrated driver installation

COLOUR | N ■ RAL 9005 |

Other accessories

Suspension components

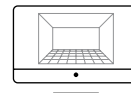
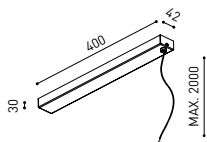
For suspension aside box installation replace the power supply:

Wired Power Supply Case 48V

A338-00-25- | NT | WT | 150W  NO DIM

A338-00-26- | NT | WT | 150W  DIM

220 V~
240
INCL 



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 →](#)

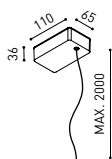
Required for remote or integrated driver installation:

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.

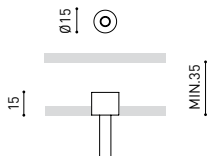
FEED

Mains Trimless*

A023-00-01- | W | N |  NO DIM

Mains Thick Trimless*

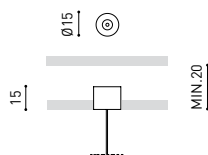
A023-00-02- | W | N |  DIM



FASTENING

Steel Cable Trimless*

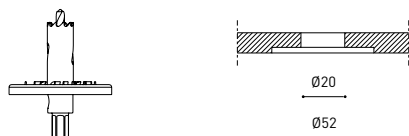
A023-00-05- | W | N |



* 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 |