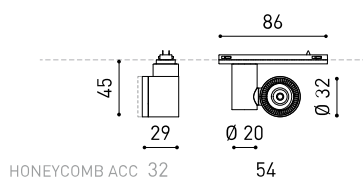


# iO Micro 24V

# ARKOSLIGHT



## Dimensions



## Accessories



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



MINIMAL TRACK OPTIONS

## Awards



reddot winner 2020  
innovative product  
& lighting design



Bronze Delta  
ADI Awards 2020



EUROPEAN  
PRODUCT  
DESIGN  
AWARD



WINNER  
2020



archiproducts  
DESIGN AWARDS  
WINNER 2020



PREMIO  
ADCV  
2022  
ORO

## PRODUCT

Name	IO MICRO 24V 54° 2700K NT
Reference	A3870030NT
Colour	Textured black
RAL	9005
Category	TRACK LIGHTS

## LIGHT SOURCE

Type	LED
Gross luminous flux	530 lm
Colour temperature	2700 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	4,7 W
Current	400 mA
Efficacy	113 lm/W
LED lifespan	L90B10 >60.000h
Energy efficiency class	F

## LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	85%
Light beam angle	54°

## LIGHTING FIXTURE | ELECTRICAL DATA

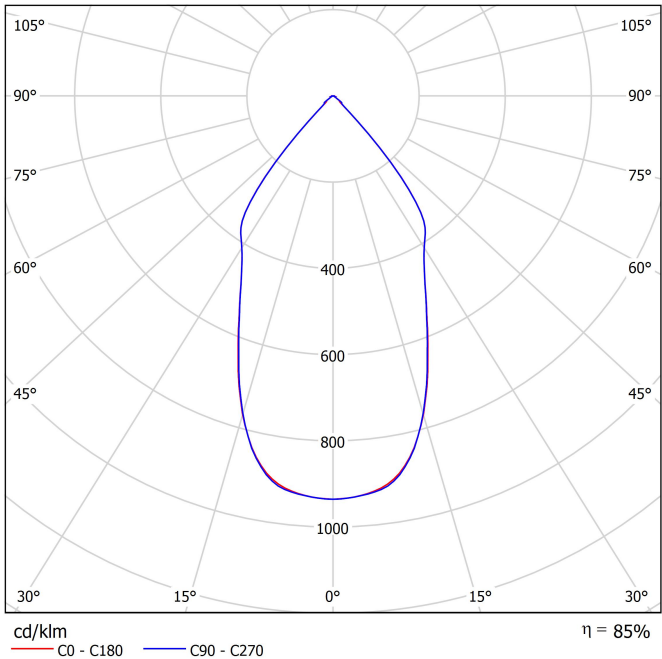
Power values of the system	5,35 W
Dimming	DIM options
Electrical insulation class	II

## OTHER DATA

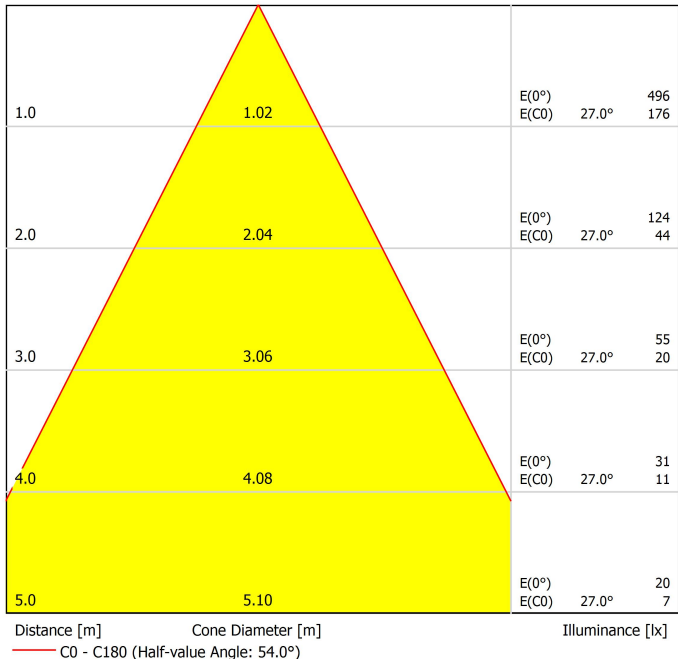
Sealing	IP20
Wireless control	Please Consult
Swivel angle	155°
Rotation angle	355°
Track type	Minimal Track
Weight	60 g
Packaged weight	100 g
Packaging dimensions	113 x 77 x 38 mm
Units per package	1
Materials	Aluminium / Polycarbonate

iO Micro 24V is a LED spotlight miniaturised in a fixture that is so small that it fits on the palm of your hand. Designed for accent lighting applications, its small dimensions mean it can be fitted in display cabinets, shop windows and small places without generating an invasive presence on the scene. Created to be placed on a track, it offers all the features of concentrated LED spotlights with a minimalist and hyper-reduced design.

Polar diagram



Conical diagram



Installation guide



<https://youtu.be/KnedJbKp7oo>



PRODUCT	
Model	Beam Mixer Diffuser
Reference	A3870000
Category	Accessories

NOT SOLD SEPARATELY.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.



PRODUCT	
Model	Anti-glare Honeycomb Louver
Reference	A387-00-01 NT
Colour	NT ■   Textured black
Category	Accessories
NOT SOLD SEPARATELY.	



Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

# Minimal Track

# ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your surface-mounted system.



Or 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 →](#)



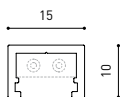
## Track & accessories - Surface mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

### MINIMAL TRACK 24V

#### Profile 2m

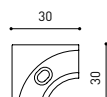
A384-02-00- | N | WT |



#### Corner 90° 1 Plane

A384-00-02- | N | WT |

Cable length = 35mm.



#### End Cap

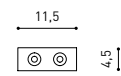
A384-00-05- | N | WT |



#### Rubber Cable n x 1m

A384-00-01- | N |

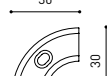
n = Total length of System



#### Corner 90° 1 Plane Rounded

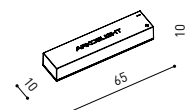
A384-00-03- | N | WT |

Cable length = 35mm.



#### Connection Box

A384-00-06- | N | WT |

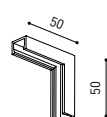


24V | Max. 4A | III

#### Corner 90° 2 Planes




A384-00-04- | N | WT |

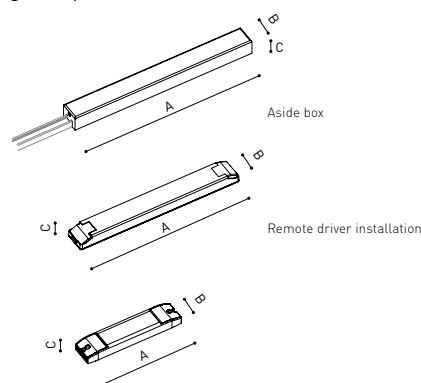
Cable length = 100mm.



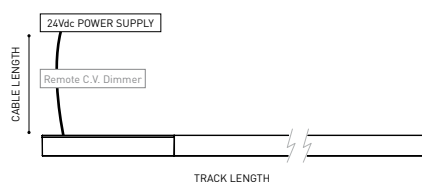
## Power Supply

Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

					P	V	D [A x B x C]
MINIMAL TRACK 24V Power Supply Box	 NO DIM	A384-00-07-   NT   WT	40W	24V	280 x 30 x 24mm		
		A384-00-08-   NT   WT	100W	24V	280 x 30 x 24mm		
MINIMAL TRACK 24V Remote Power Supply	 NO DIM	0434-01-37	60W	24V	180 x 52 x 30mm		
		0433-10-22	100W	24V	295 x 43 x 30mm		
220 V~ 240							
MINIMAL TRACK 24V Remote Constant Voltage Dimmer		0433-01-32	DALI / Push	24V	181 x 42 x 20mm		
		0433-01-35	CASAMBI	24V	72,6 x 30 x 18mm		
24V   other DIM options please consult							

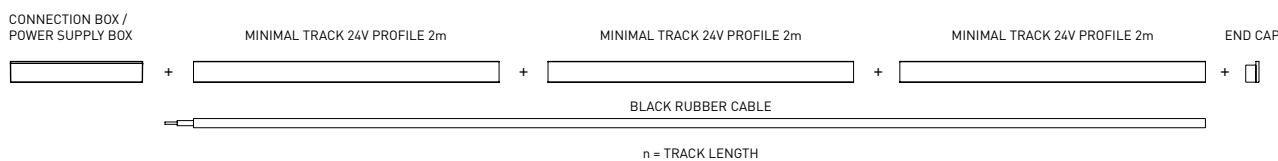


## Connection diagram:



### DROP VOLTAGE TABLE

		CABLE LENGTH (m)			
		<5	<10	<20	<30
POWER (W)	CABLE SECTION (mm²)	TRACK LENGTH (m)			
40	0,75	30	30	30	30
	1,5	30	30	30	30
60	0,75	30	30	20	10
	1,5	30	30	30	20
100	0,75	20	10	X	X
	1,5	20	20	10	X



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

INSTALLATION GUIDE  
<https://youtu.be/KnedJbKp7oo>



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



# Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your trimless-mounted system.



Or 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 →](#)



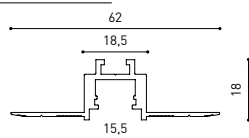
## Track & accessories - Trimless mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

### MINIMAL TRACK 24V

#### Trimless Profile 2m

A467-02-00- | N |

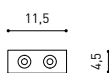


#### Trimless Rubber Cable n x 1m

A467-00-01- | N |

n = Total length of System

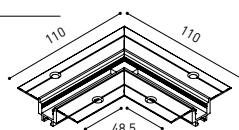
24V | Max. 4A | III



#### Trimless Corner 90° 1 Plane

A467-00-02- | N |

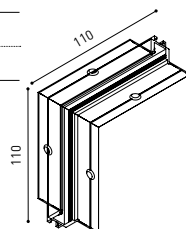
Cable length = 140mm.



#### Trimless Corner 90° 2 Planes

A467-00-04- | N |

Cable length = 200mm.



#### Trim. Corner 90° 1 Plane Conne.

A467-00-03- | N |



#### Trimless End Caps

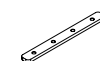
A467-00-05- | N |

Two End Caps Included



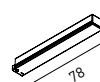
#### Trimless Straight Joiner

A467-00-06



#### Trimless Connection Box

A467-00-07- | N |



## Power Supply

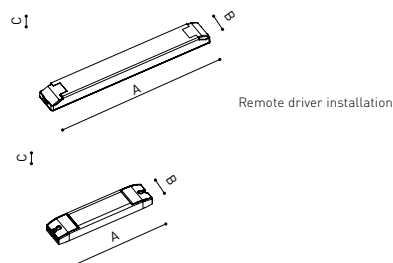
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

		P	V	D (A x B x C)
MINIMAL TRACK 24V	0434-01-37	60W	24V	180 x 52 x 30mm
Remote Power Supply	NO DIM 0433-10-22	100W	24V	295 x 43 x 30mm

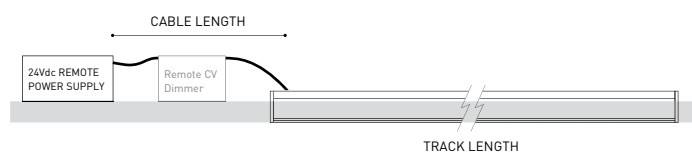
220 V~  
240

MINIMAL TRACK 24V	0433-01-32	DALI / Push	24V	181 x 42 x 20mm
Remote Constant Voltage Dimmer	0433-01-35	CASAMBI	24V	72,6 x 30 x 18mm

24V | other DIM options please consult



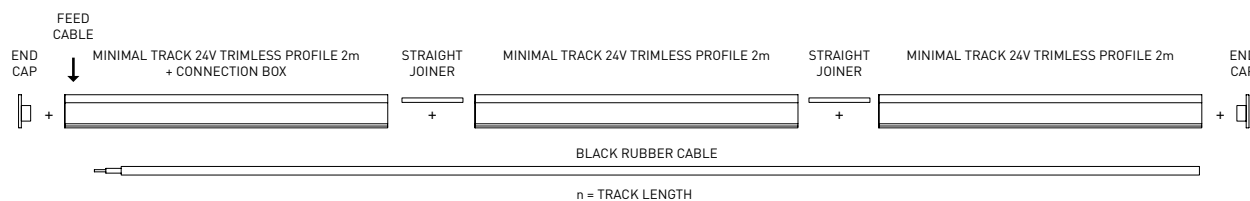
## Connection diagram:



### DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m)			
		<5	<10	<20	<30
40	0,75	30	30	30	30
	1,5	30	30	30	30
60	0,75	30	30	20	10
	1,5	30	30	30	20
100	0,75	20	10	X	X
	1,5	20	20	10	X

Reduce 5 meters per each 'Corner 90° 1 Plane CONNECTOR' used.



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

INSTALLATION GUIDE  
<https://youtu.be/KnedJbKp70o>



Calle N, s/n - Pol. Ind. El Oliveral  
46394 Ribarroja del Turia-Valencia (Spain)  
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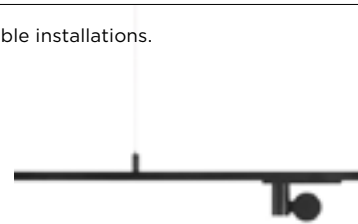
# Minimal Track

# ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your suspension-mounted system.



Or 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 →](#)



## Track & accessories - Suspension mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

### MINIMAL TRACK 24V Suspension

#### Profile 2m

A384-02-00- | N | WT |

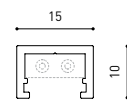
#### Profile 2m Initial feed kit

A400-02-10- | N | WT |

#### Profile 2m Middle feed kit\*

A400-02-20- | N | WT |

\* Unidirectional Middle Feed.

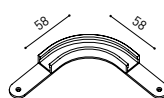
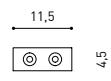


#### Rubber Cable n x 1m

A384-00-01- | N |

n = Total length of System

24V | Max. 4A | III



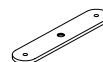
#### Corner 90°

A400-00-03- | N | WT |

Cable length = 85mm.

#### Suspension Straight Joiner

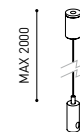
A400-00-02- | N | WT |



#### Suspension Kit

A400-02-04- | N | WT |

Max distance between suspension kits = 100 cm.



#### Suspension End Caps



A400-00-05- | N | WT |

Two End Caps Included.



## Power Supply

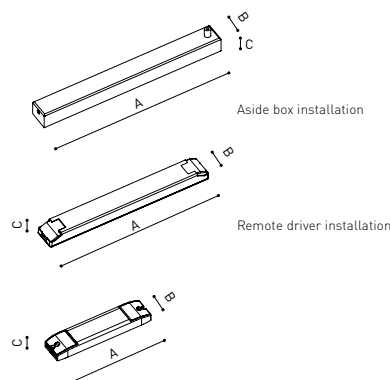
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

				P	V	D [A x B x C]
MINIMAL TRACK 24V Susp Power Supply Box		A400-00-06-   NT   WT	40W	24V	280 x 30 x 36mm	
		A400-00-07-   NT   WT	100W	24V	280 x 30 x 36mm	
MINIMAL TRACK 24V Remote Power Supply		0434-01-37	60W	24V	180 x 52 x 30mm	
		0433-10-22	100W	24V	295 x 43 x 30mm	

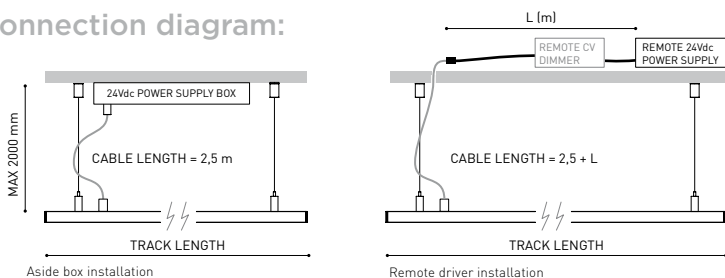
220 V~  
240

MINIMAL TRACK 24V Remote Constant Voltage Dimmer	0433-01-32	DALI / Push	24V	181 x 42 x 20mm
	0433-01-35	CASAMBI	24V	72,6 x 30 x 18mm

24V | other DIM options please consult

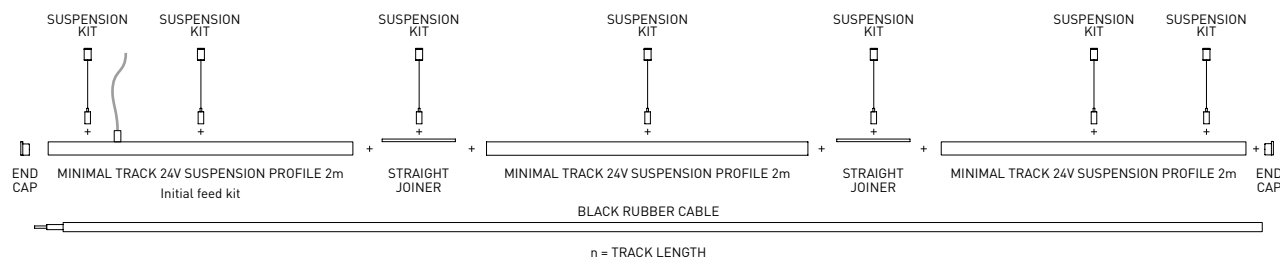


## Connection diagram:



### DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m)			
		<5	<10	<20	<30
40	0,75	30	30	30	30
	1,5	30	30	30	30
60	0,75	30	30	20	10
	1,5	30	30	30	20
100	0,75	20	10	X	X
	1,5	20	20	10	X



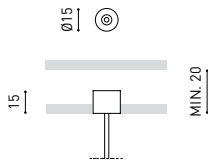
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |



PRODUCT	
Model	Coaxial Trimless
Reference	A023-00-03-   W   N
Colour	W <input type="checkbox"/> RAL 9016   N <input checked="" type="checkbox"/> RAL 9005
Category	Accessories



Dimmensional drawing



Accessory for trimless cable

Wire Trimless Accessory is a collection of accessories for fitting tensioners and cables to Arkoslight luminaires suspended directly from the ceiling with any visible ceiling rose or fixings. This achieves a minimalist application with a visually tidy finish.

With Wire Trimless Accessory the items adjacent to the ceiling of the standard product (ceiling roses, fixings, driver boxes, etc.) are concealed by a simple recessed application.

Wire Trimless Accessory reduces the visual impact of the installation leading to extremely minimalist aesthetics. The wires come out of the ceiling material as a part of the structure. This detail creates a much purer, more essential layout, particular when several luminaires are fitted in an arrangement.

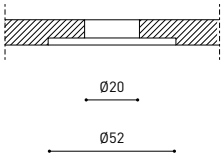
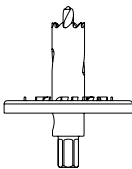




INSTALLATION GUIDE  
[https://youtu.be/sa\\_xAgj4ji4](https://youtu.be/sa_xAgj4ji4)



PRODUCT	
Model	Trimless Tool <b>D20 X D52 MM</b>
Reference	A478-00-01
Category	Accessories





Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

## Instrucciones para el final de vida y la eliminación de los componentes:

### Instructions on end-of-life and component disposal:

### Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

### Istruzioni per il fine vita e lo smaltimento dei componenti:

### Anweisungen zur entsorgung der Leuchtenkomponenten:



Interrumpir la alimentación del aparato  
Cut the power supply to the luminaire  
Couper l'alimentation du luminaire  
Interrompere l'alimentazione dell'apparecchio  
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
Remove light source(s) for disposal  
Retirer la (les) source(s) lumineuse(s) pour l'élimination  
Rimuovere la/le sorgente/e di luce per lo smaltimento  
Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
Remove the battery for decommissioning  
Retirer la batterie pour sa mise au rebut  
Rimuovere la batteria per la dismissione  
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
Remove control gear for disposal  
Retirer le dispositif de commande pour l'élimination  
Rimuovere l'alimentatore per lo smaltimento  
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE  
Send the materials to a WEEE collection centre  
Envoyer les matériaux dans une déchetterie DEEE  
Inviare i materiali ad un centro di raccolta RAEE  
Die Materialien in einem WEEE-Zentrum entsorgen

