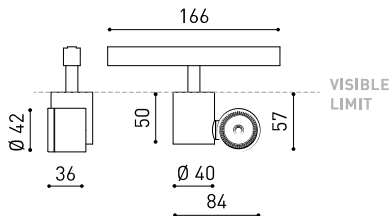




## Größe



## Zubehör



ANTI-GLARE HONEYCOMB LOUVER



BEAM MIXER DIFFUSER



HIGH CHROMATIC LED



TRACK 48V OPTIONS

## Preise



## PRODUKT

Name	IO 48V DIM DALI 20° 2700K NTW
Artikelnummer	A3480210NTW
Farbe	Schwarz strukturiert - Track Weiß
RAL	9005
Kategorie	TRACK LIGHTS

## LICHTQUELLE

Typ	LED
Bruttolichtstrom	485 lm
Farbtemperatur	2700 K
Farbstabilität	MacAdam Step 2
Farbwiedergabeindex	CRI > 90
Leistung	4,5 W
Stromstärke	500 mA
Lichtausbeute	108 lm/W
Nutzlebensdauer der LED in Betriebsstunden	L90B10 > 55.000h
Energieeffizienzklasse	F

## LEUCHTE | PHOTOMETRISCHE DATEN

Leuchtenwirkungsgrad (LOR)	92%
Abstrahlwinkel	20°

## LEUCHTE | ELEKTRISCHE DATEN

Leistungswerte des Systems	5,59 W
Spannung	48Vdc
Helligkeitssteuerung	DALI
Schutzklasse	III

## ANDERE DATEN

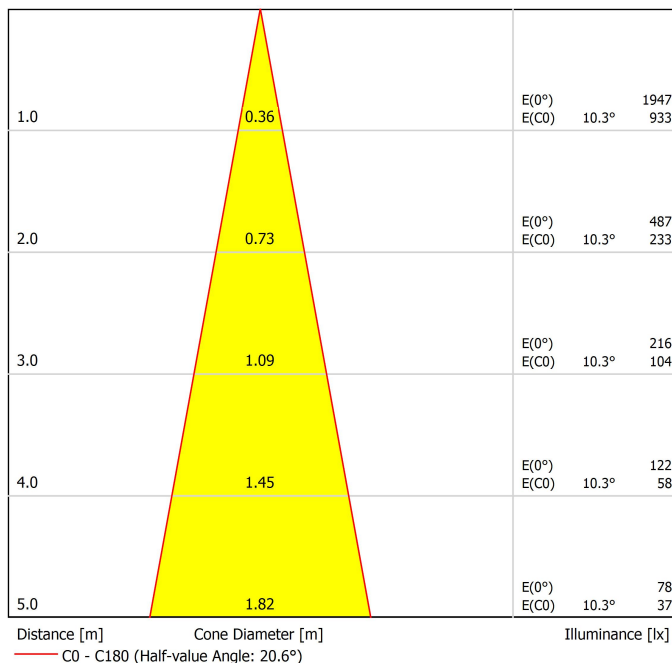
Dichtigkeit	IP20
Wireless control	Bitte anfragen
Schwenkwinkel	325°
Drehwinkel	360°
Schiennentyp	Track 48V
Gewicht	155 g
Gewicht inkl. Verpackung	225 g
Abmessungen der Verpackung	188 x 163 x 53 mm
Stück pro Verpackung	1
Materialien	Aluminium / Polycarbonat

iO 48V ist ein Miniatur-LED-Strahler, der so klein ist, dass er in eine Handfläche passt. Er ist für den Einsatz als Akzentbeleuchtung gedacht und seine geringen Abmessungen ermöglichen die Installation in Vitrinen, Schaufenstern und kleinen Räumen, ohne aufdringlich zu wirken. Ausgelegt für die Schieneninstallation, bietet er sämtliche Leistungen der besten LED-Strahler konzentriert in einem minimalistischen, hyperreduzierten Design.

Polar-koordinaten diagramm




Kegeldiagramm





PRODUCT	
Model	Anti-glare Honeycomb Louver
Reference	08060000NT
Colour	NT ■   Textured black
Category	Accessories

WIRD NICHT SEPARAT VERKAUFT. 

## Blendschutz-Wabenraster

Zubehörteil mit einem wabenförmigen Raster, das den Lichtstrahl lenkt, Blendung reduziert und die direkte Sicht auf die Lichtquelle verhindert.











	PRODUCT
Model	Beam Mixer Diffuser
Reference	08050100
Category	Accessories

WIRD NICHT SEPARAT VERKAUFT.

### Diffusor zur Homogenisierung des Lichtbündels

Der homogenisierende Diffusor mischt und glättet Unregelmäßigkeiten, die durch parabolische Linsen, Fresnel-Linsen oder TIR-Kollimatoren verursacht werden, und sorgt so für eine gleichmäßigere Lichtverteilung, ohne das Lichtbündel wesentlich zu verlängern.

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
 Reading			•	•	
 Fruits & Vegetables		•	•		
 Bakery	•				
 Retail		•	•		
 Cosmetics			•	•	
 Meat					•
 Fish				•	
 Seafood				•	•

## High Chromatic LED Für die Produktpräsentation.

Einige der Produkte von Arkoslight können mit einer Spezial-LED für die visuelle Bewerbung von Waren und Produkten zur Verkaufsförderung ausgerüstet werden.

Dabei handelt es sich um eine hochchromatische LED, um Farbtöne hervorzuheben, die positive psychologische Wahrnehmung des beleuchteten Objekts begünstigen.

Diese spezielle LED-Lichtquelle bietet eine ansprechendere und intensivere Farbpalette als eine herkömmliche LED. Dies wird durch die Konfiguration der LED nach einem "speziellen Sättigungsparameter" erreicht, der Farben und Textur der Objekte innerhalb des sichtbaren Spektralbereichs attraktiver erscheinen lässt.

Dafür wird die jeweils zweckdienliche Diode und spezifische Phosphorbeschichtung gewählt.

# 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

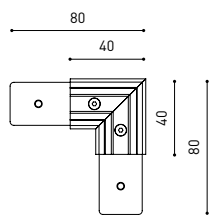
TRACK 48V SURFACE 1m	A338-11-00-   NT   WT
TRACK 48V SURFACE 2m	A338-12-00-   NT   WT
TRACK 48V SURFACE 3m	A338-13-00-   NT   WT



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

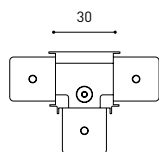


Corner 90° One Plane



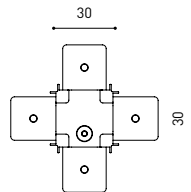
Straight joiner included

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.

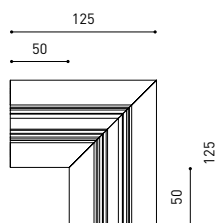


TRACK 48V TRIMLESS Corner 90° One Plane	A338-06-00-   N   WT
TRACK 48V TRIMLESS Corner 90° Two Planes	A338-07-00-   N   WT

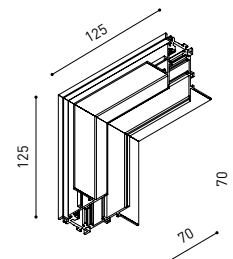
plasterboard ceiling, mandatory thickness 12,5mm. Recommended for installations where the profile can be installed before the false plasterboard ceiling.



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.

## 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 |



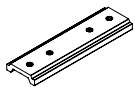
End Feed 48V

A338-00-07- | NT | WT |



Surface Straight Joiner 48V

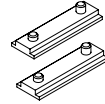
A338-00-11



### Trimless

Trimless Straight Joiners (2 units) 48V

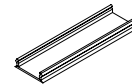
A338-00-05- | N | WT |



### For all tracks

Cover Gap 1m 48V

A338-00-30- | N | W |

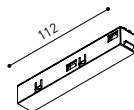


## Connector options

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

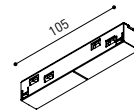
Live-End Connector 48V

A338-00-01- | N |



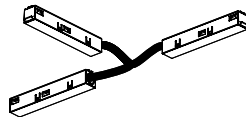
Central Connector 48V

A338-00-02- | N |



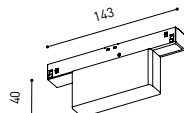
T-Joint Connector 48V

A450-00-07- | N |



Wireless Control 48V

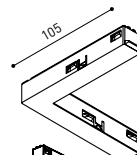
0434-01-31- | N | W | Casambi



Corner 90° Connector One Plane 48V

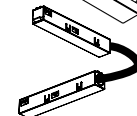
A338-00-24- | N | W |

\*Not suitable for trimless version



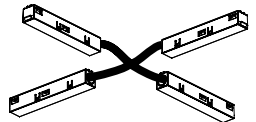
L-Joint Connector 48V

A338-00-12- | N |



X-Joint Connector 48V

A450-00-08- | N |



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

## Power Supply Options

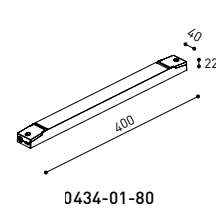
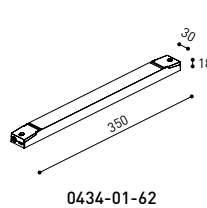
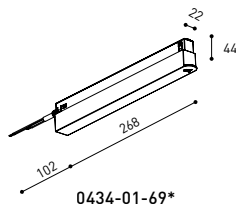
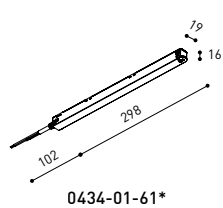
Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

### For all tracks

#### Constant Voltage LED POWER SUPPLY

	P	V	D (A x B x C)
0434-01-61*   N   W   I	100W	48V	298 x 19 x 16mm
0434-01-69*   N   W   I	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

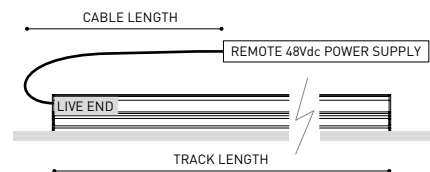


Remote driver installation

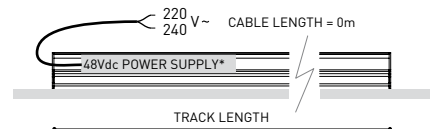


Integrated driver installation

### Trimless



Remote driver installation



Integrated driver installation

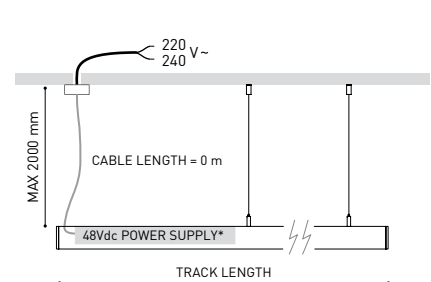
## Suspension



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:

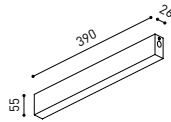
#### Power Supply Case 48V

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

220 V ~  
240



\*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 |



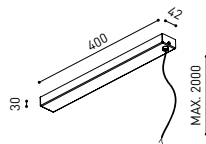
For suspension aside box installation replace the power supply:

#### Wired Power Supply Case 48V

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

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

220 V ~  
240



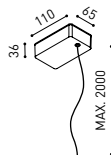
Required for remote or integrated driver installation:

#### 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.

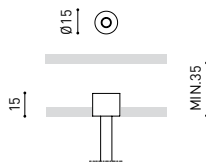
#### FEED

##### Mains Trimless\*

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

Mains Thick Trimless\*

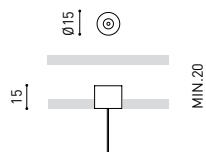
A023-00-02- | W | N | DIM



#### FASTENING

##### Steel Cable Trimless\*

A023-00-05- | W | N |



\* As many pieces as needed according to your product

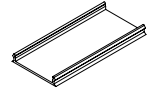
### Trimless mounting accessories

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

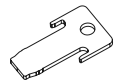
Recommended for installation



#### Fixing Template for Track 48V Trimless

A338-00-31

Recommended for installation



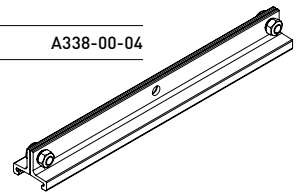
#### Trimless Short T-Bracket 48V

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

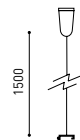
\*See accessories quantities



#### Trimless Suspension Kit 48V

A338-00-08

\*See accessories quantities



#### SUGGESTED MOUNTING ACCESSORIES QUANTITIES

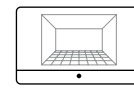
1000 mm - 2 Pcs

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 |

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.

		P	CCT	Flux	LOR	L
<b>TRACK 48V + IND. LIGHT</b> <b>1400</b>	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
<b>TRACK 48V + IND. LIGHT</b> <b>2800</b>	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 |

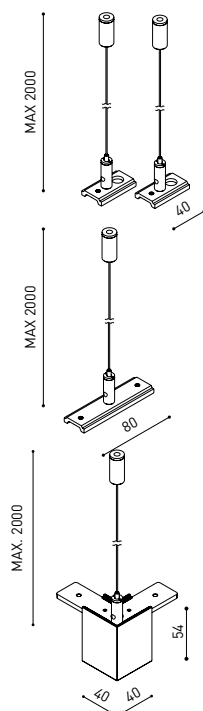
Suspension straight joiner kit 48V

A466-00-04- | NT | WT |

Suspension 90° Corner joiner kit 48V

A466-00-05- | NT | WT |

\*Electrical connection not included.



End 48V

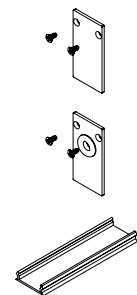
A338-00-06- | NT | WT |

End Feed 48V

A338-00-07- | NT | WT |

Cover Gap 1m 48V

A338-00-30- | N | 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.

## Connector options

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

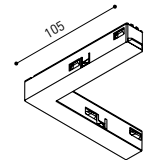
### Live-End Connector 48V

A338-00-01- | N | W |



### Corner 90° Connector One Plane 48V

A338-00-24- | N | W |



### Central Connector 48V

A338-00-02- | N | W |



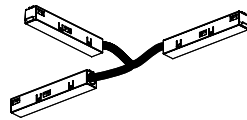
### L-Joint Connector 48V

A338-00-12- | N | W |



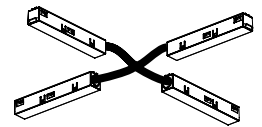
### T-Joint Connector 48V

A450-00-07- | N |



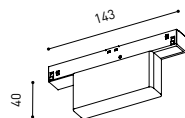
### X-Joint Connector 48V

A450-00-08- | N |



### Wireless Control 48V

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



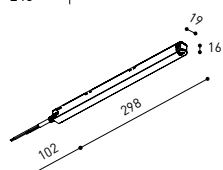
## Power Supply Options

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

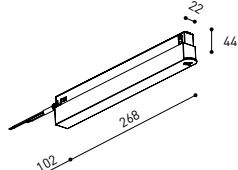
### Constant Voltage LED POWER SUPPLY

	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

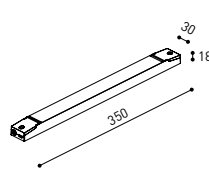
220 V~ | \*To be installed inside the track.



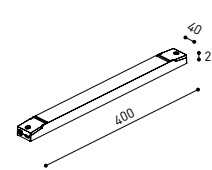
0434-01-61\*



0434-01-69\*



0434-01-62

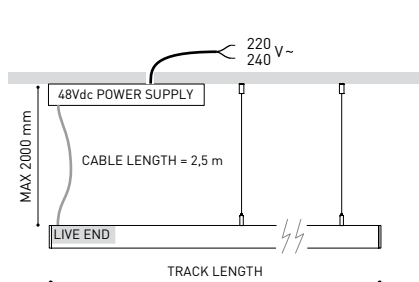


0434-01-80

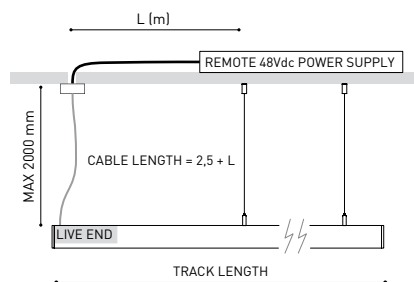
### DROP VOLTAGE TABLE

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

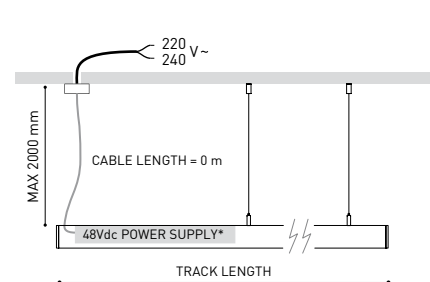
## Connection diagrams:



Aside box



Remote driver installation



Integrated driver installation

COLOUR | N ■ RAL 9005 |

## Other accessories

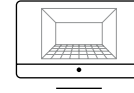
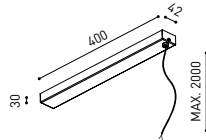
### Suspension components

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 V-  
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.

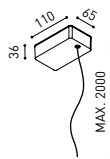
[Start your configuration →](#)

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.

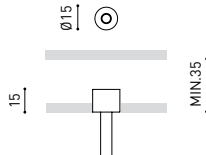
#### FEED

##### Mains Trimless\*

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

##### Mains Thick Trimless\*

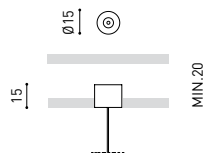
A023-00-02-	W   N	DIM
-------------	-------	-----



#### FASTENING

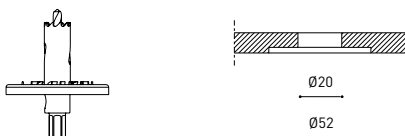
##### Steel Cable Trimless\*

A023-00-05-	W   N	
-------------	-------	--

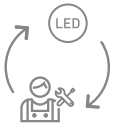


\* As many pieces as needed according to your product

#### TRIMLESS TOOL D20 X D52mm A478-00-01



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



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

