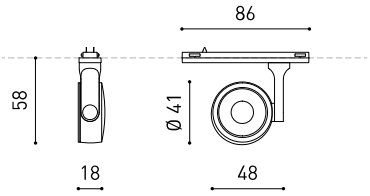
# Six XS 24V

ARKOSLIGHT

## Dimensions




## Accessories

HIGH CHROMATIC LED

MINIMAL TRACK OPTIONS

## Awards

reddot winner 2020
innovative product
& lighting design

Bronze Delta
ADI Awards 2020

HONORABLE MENTION
EUROPEAN PRODUCT DESIGN AWARD

FX INTERNATIONAL INTERIOR DESIGN AWARDS
WINNER 2020

archiproducts DESIGN AWARDS
WINNER 2020

PREMIO ADCV 2022
ORO

| PRODUCT | |
|---|---|
| Name | SIX XS 24V 23° 3000K NT |
| Reference | A3890021NT |
| Colour | Textured black |
| RAL | 9005 |
| Category | TRACK LIGHTS |

| LIGHT SOURCE | |
|---|---|
| Type | LED |
| Gross luminous flux | 420 lm |
| Colour temperature | 3000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 3,5 W |
| Current | 400 mA |
| Efficacy | 120 lm/W |
| LED lifespan | L90B10 >55.000h |
| Energy efficiency class | F |

| LIGHTING FIXTURE \| PHOTOMETRIC DATA | |
|---|---|
| Lighting efficiency | 86% |
| Light beam angle | 23° |

| LIGHTING FIXTURE \| ELECTRICAL DATA | |
|---|---|
| Power values of the system | 4,12 W |
| Dimming | DIM options |
| Electrical insulation class | |

| OTHER DATA | |
|---|---|
| Sealing | IP20 |
| Wireless control | Please Consult |
| Swivel angle | 310° |
| Rotation angle | 355° |
| Track type | Minimal Track |
| Weight | 55 g |
| Packaged weight | 85 g |
| Packaging dimensions | 112 x 89 x 26 mm |
| Units per package | 1 |
| Materials | Aluminium / Polycarbonate |

CE

Six XS 24V is a projector for the Minimal Track system that stands out for its lightness and elegance. Its body; disk looking, rounded shaped, encloses an innovative combination of reflector and lens. The combined action of both, allows Six to direct light rays with the maximum uniformity in a very small distance that, at the same time, has made possible its differential design-reduced and minimalist-.

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# Lighting technical data

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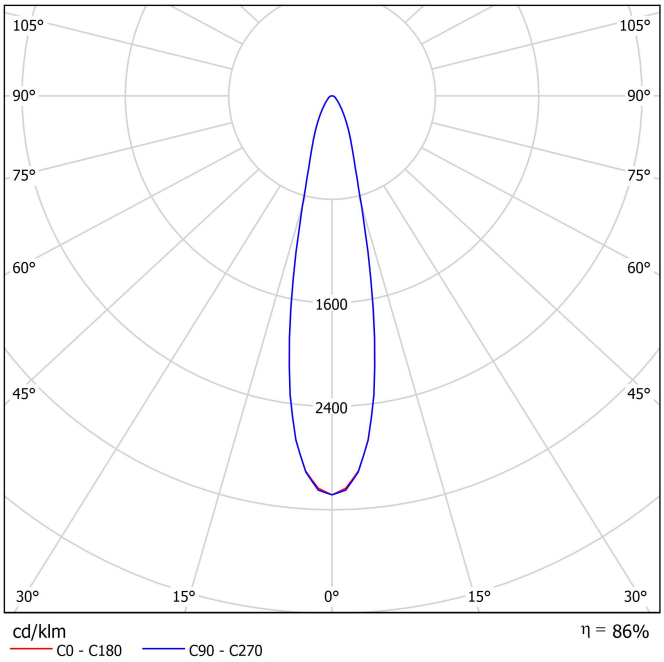
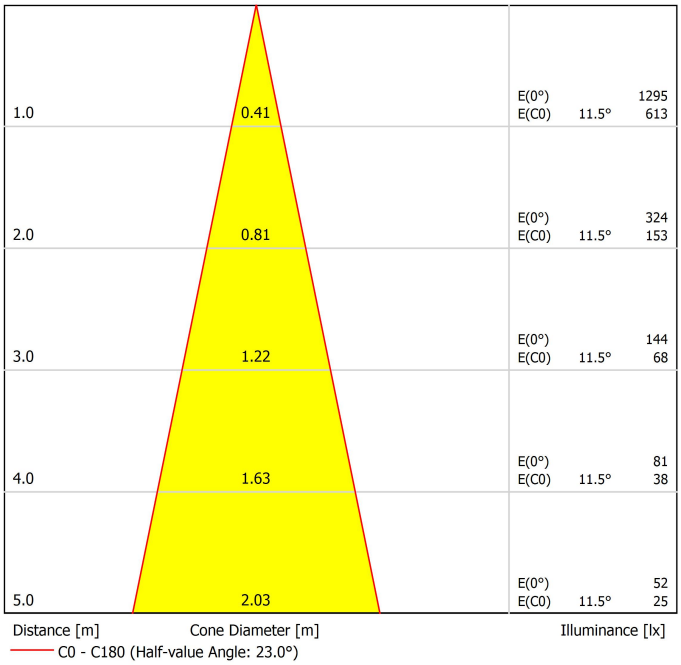
## Polar diagram




## Conical diagram




## Installation guide

https://youtu.be/KnedJbKp7oo

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# High Chromatic LED

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| Vivid Model<br>Colour Temperature | 2700K | 3000K | 3500K | 4000K | Light Pink |
|---|---|---|---|---|---|
| Reading | | | ● | ● | |
| Fruits & Vegetables | | ● | ● | | |
| Bakery | ● | | | | |
| Retail | | ● | ● | | |
| Cosmetics | | | ● | ● | |
| Meat | | | | | ● |
| Fish | | | | ● | |
| Seafood | | | | ● | ● |

## High Chromatic LED

**For commercial product showcasing.**

Arkoslight offers, in some of its products, the possibility to incorporate a special LED designed to enhance the visual presentation of goods and products for commercial purposes.
This high-chromaticity LED is selected to highlight tones that encourage a positive psychological perception of the illuminated object.

The light source provides a more attractive and intense colour palette than a conventional LED. This is achieved through a specific LED configuration under a “special saturation parameter,” allowing colours and textures to appear more vivid within the visible spectrum.
The diode and its phosphor coating are carefully selected for each application.

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# Minimal Track

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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.

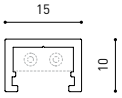
Or use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories. Start your configuration →

## Track & accessories - Surface mounting

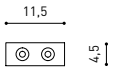
Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V

**Profile 2m**
A384-02-00- | N | WT |

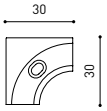



**Rubber Cable n x 1m**
A384-00-01- | N |
n = Total length of System

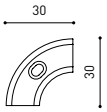



24V | Max. 4A | III

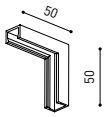
**Corner 90º 1 Plane**
A384-00-02- | N | WT |
Cable length = 35mm.




**Corner 90º 1 Plane Rounded**
A384-00-03- | N | WT |
Cable length = 35mm.

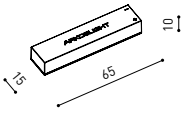



**Corner 90º 2 Planes**
A384-00-04- | N | WT |
Cable length = 100mm.




**End Cap**
A384-00-05- | N | WT |

**Connection Box**
A384-00-06- | N | WT |

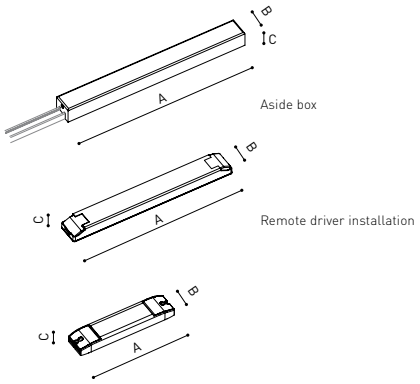



## Power Supply

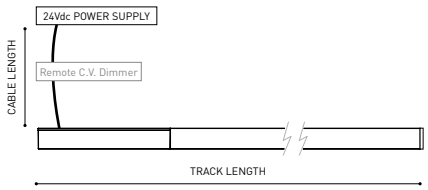
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

| | | | 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 |
| 220 240 V~ | | | | | |
| 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

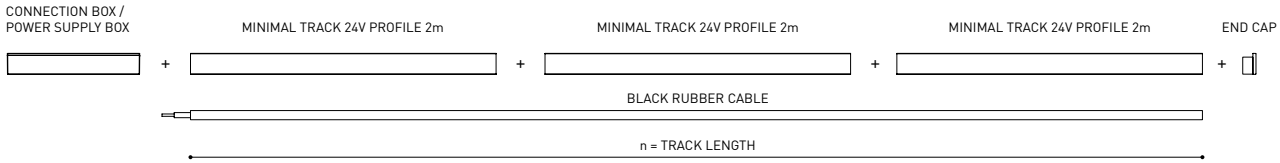



## Connection diagram:




DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | CABLE LENGTH (m) TRACK 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 |

INSTALLATION GUIDE
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# Minimal Track

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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 →

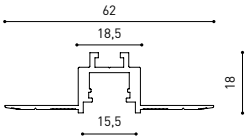
## Track & accessories - Trimless mounting

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**

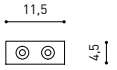
**A467-02-00- | N |**




**Trimless Rubber Cable n x 1m**

**A467-00-01- | N |**

n = Total length of System

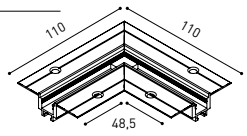



24V | Max. 4A | III

**Trimless Corner 90º 1 Plane**

**A467-00-02- | N |**

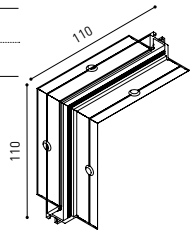
Cable length = 140mm.




**Trimless Corner 90º 2 Planes**

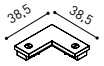
**A467-00-04- | N |**

Cable length = 200mm.




**Trim. Corner 90º 1 Plane Connec.**

**A467-00-03- | N |**




**Trimless End Caps**

**A467-00-05- | N |**

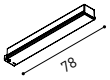
Two End Caps Included

**Trimless Straight Joiner**

**A467-00-06**

**Trimless Connection Box**

**A467-00-07- | N |**

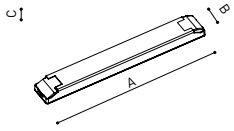



## Power Supply

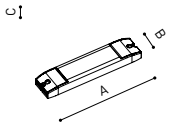
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

| | | | P | V | D (A x B x C) |
|---|---|---|---|---|---|
| MINIMAL TRACK 24V 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 |
| 220 240 V~ | | | | | |
| 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 |

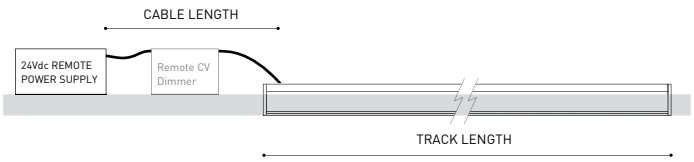
24V | other DIM options please consult




Remote driver installation



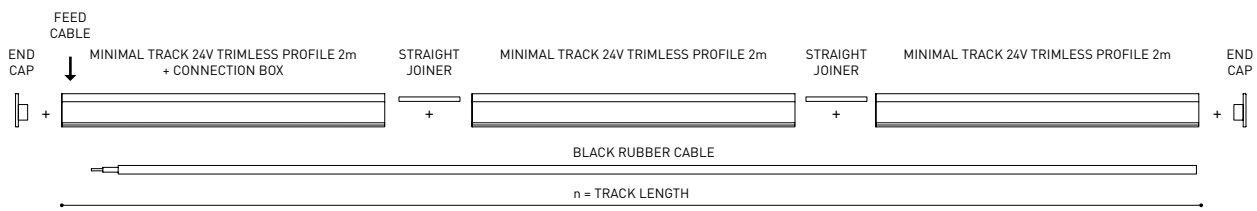

## Connection diagram:




DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | CABLE LENGTH (m) <5 | <10 | <20 | <30 |
|---|---|---|---|---|---|
| | | 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 |

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




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

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# Minimal Track

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On this page, you'll find the necessary components to configure your suspension-mounted system.

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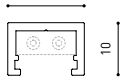
## Track & accessories - Suspension mounting

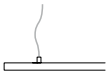
Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

**MINIMAL TRACK 24V Suspension**

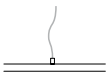
**Profile 2m**
A384-02-00- | N | WT |




**Profile 2m Initial feed kit**
A400-02-10- | N | WT |

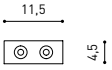


**Profile 2m Middle feed kit***
A400-02-20- | N | WT |



* Unidirectional Middle Feed.

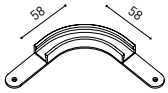
**Rubber Cable n x 1m**
A384-00-01- | N |




n = Total length of System

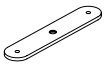
24 V | Max. 4A | III

**Corner 90º**
A400-00-03- | N | WT |

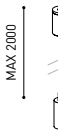



Cable length = 85mm.

**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 | NO DIM | 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 | NO DIM | 0434-01-37 | 60W | 24V | 180 x 52 x 30mm |
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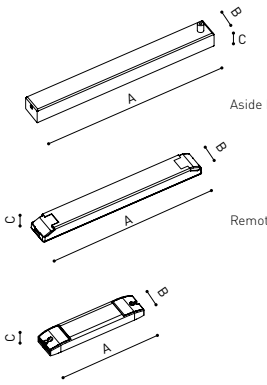
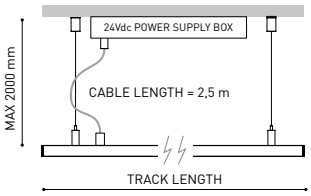
| | | 0433-01-35 | CASAMBI | 24V | 72,6 x 30 x 18mm |

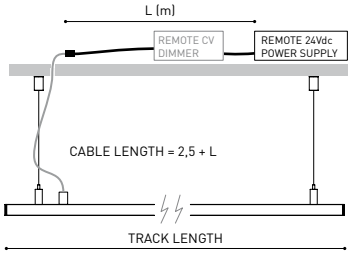
24 V | other DIM options please consult




## Connection diagram:



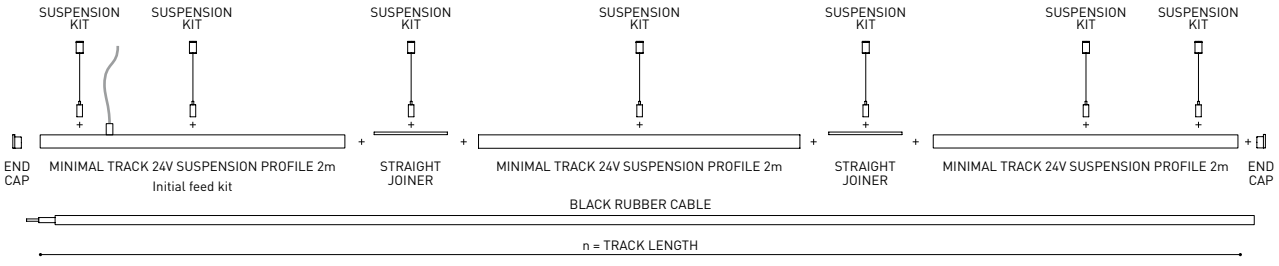

Aside box installation




Remote driver installation

DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | CABLE LENGTH (m) <5 | <10 | <20 | <30 |
|---|---|---|---|---|---|
| | | 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 |

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5 Year GUARANTEE

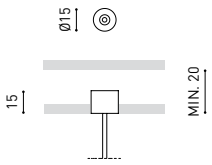
# Wire Trimless accessory

ARKOSLIGHT

| | PRODUCT |
|---|---|
| Model | Coaxial Trimless |
| Reference | A023-00-03- \| W \| N \| |
| Colour | **W** ☐ RAL 9016 \| **N** ■ RAL 9005 |
| Category | Accessories |

INCL Ø20

## 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.

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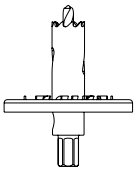
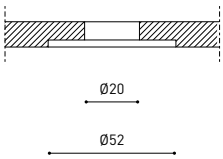
# Trimless Tool

ARKOSLIGHT

INSTALLATION GUIDE
https://youtu.be/sa_xAgj4ji4

| | PRODUCT |
|---|---|
| Model | Trimless Tool **D20 X D52 MM** |
| Reference | A478-00-01 |
| Category | Accessories |



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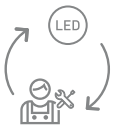
# Ecodesign and Energy Labelling

ARKOSLIGHT




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

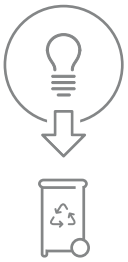
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

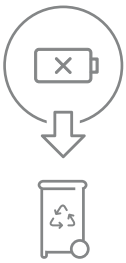
Auswechselbares Betriebsgerät durch autorisierten Fachmann

## 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:

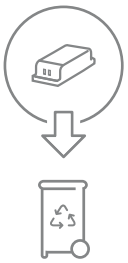
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

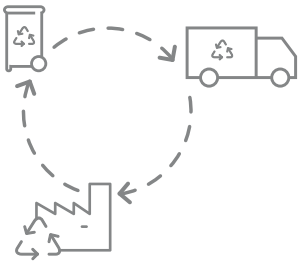


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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