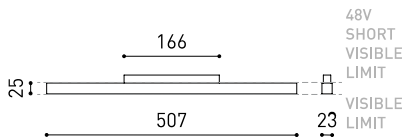




Dimensiones



Accesorios



TRACK 48V OPTIONS

| | |
|------------|--|
| Nombre | LINE 500 48V DIM DALI 4000K N |
| Referencia | A3761022N |
| Color | Negro Mate |
| RAL | Anodizado, baño de color, similar a RAL 9005 |
| Categoría | TRACK LIGHTS |

| | |
|----------------------------------|------------------|
| Tipo | LED |
| Flujo luminoso | 1650 lm |
| Temperatura de color | 4000 K |
| Estabilidad cromática | MacAdam Step 2 |
| Índice de reproducción cromática | CRI > 90 |
| Potencia | 10,5 W |
| Corriente | 350 mA |
| Eficacia | 157 lm/W |
| Horas de vida del LED | L80B10 > 60.000h |
| Eficiencia energética | D |

| | |
|-----------------------|-----|
| Eficiencia lumínica | 43% |
| Ángulo del haz de luz | 98° |

| | |
|------------------------------|---------|
| Potencia del sistema | 11,64 W |
| Tensión | 48Vdc |
| Regulación | DALI |
| Clase de seguridad eléctrica | ⚡ |

| | |
|-----------------------|--------------------------|
| Estanqueidad | IP20 |
| Control inalámbrico | Consultar |
| Tipo de carril | Track 48V |
| Peso | 230 g |
| Peso con embalaje | 400 g |
| Dimensiones embalaje | Ø55 x 550 mm |
| Unidades por embalaje | 1 |
| Materiales | Aluminio / Policarbonato |

PRODUCTO

FUENTE DE LUZ

LUMINARIA | DATOS FOTOMÉTRICOS

LUMINARIA | DATOS ELÉCTRICOS

OTROS DATOS

Line 48V es la luminaria lineal de luz difusa para aplicación en carril de bajo voltaje 48V. Esta solución traslada a este sistema de carril las características lumínicas y las ventajas de la iluminación longitudinal con difusor para aplicaciones de luz general.

Diagrama polar

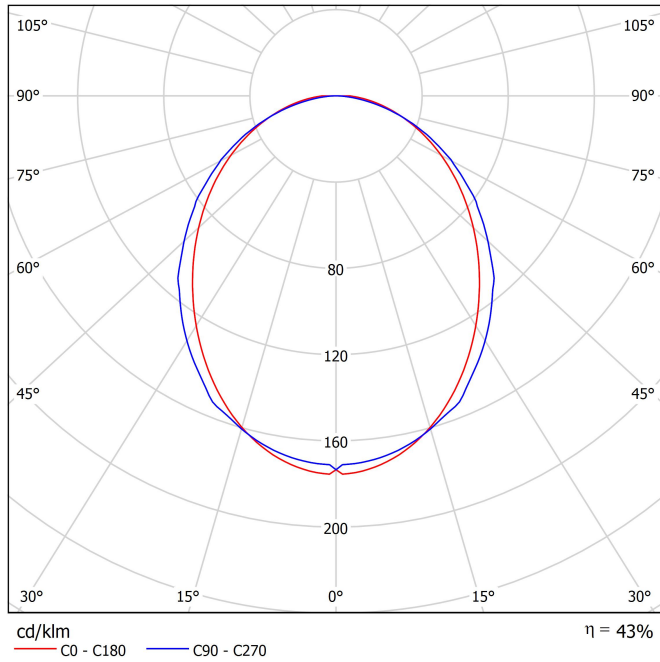
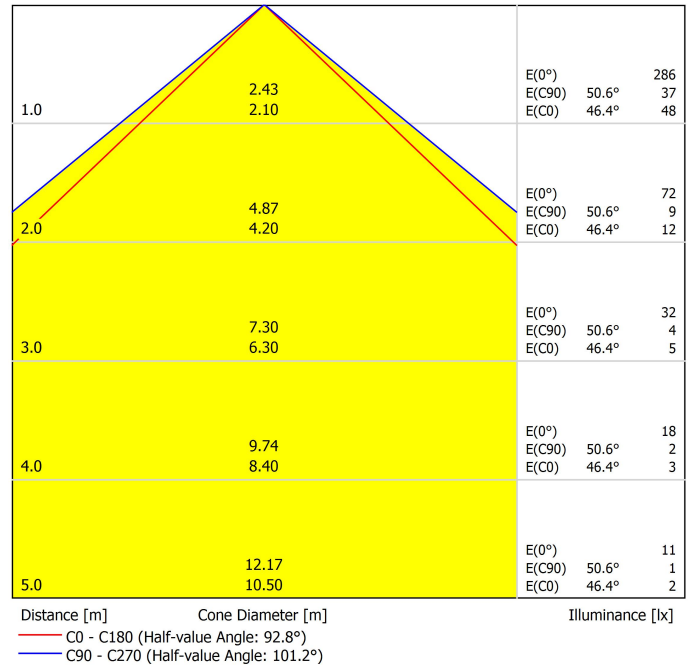


Diagrama cónico



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|--|------|------|------|------|---|------|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X Y | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | | |
| 2H | 2H | 22.4 | 23.7 | 22.7 | 23.9 | 24.1 | 22.8 | 24.1 | 23.1 | 24.3 | 24.5 |
| | 3H | 24.1 | 25.3 | 24.5 | 25.6 | 25.8 | 24.5 | 25.7 | 24.8 | 25.9 | 26.2 |
| | 4H | 24.9 | 26.0 | 25.2 | 26.3 | 26.6 | 25.1 | 26.2 | 25.4 | 26.5 | 26.8 |
| | 6H | 25.5 | 26.5 | 25.9 | 26.8 | 27.2 | 25.5 | 26.6 | 25.9 | 26.9 | 27.2 |
| | 8H | 25.8 | 26.8 | 26.1 | 27.1 | 27.4 | 25.7 | 26.7 | 26.0 | 27.0 | 27.3 |
| 4H | 2H | 23.0 | 24.1 | 23.3 | 24.4 | 24.7 | 23.3 | 24.4 | 23.6 | 24.7 | 25.0 |
| | 3H | 25.0 | 25.9 | 25.4 | 26.3 | 26.6 | 25.2 | 26.2 | 25.6 | 26.5 | 26.9 |
| | 4H | 25.9 | 26.7 | 26.3 | 27.1 | 27.4 | 26.0 | 26.9 | 26.4 | 27.2 | 27.6 |
| | 6H | 26.7 | 27.4 | 27.1 | 27.8 | 28.2 | 26.6 | 27.3 | 27.0 | 27.7 | 28.1 |
| | 8H | 27.0 | 27.7 | 27.4 | 28.1 | 28.5 | 26.8 | 27.5 | 27.2 | 27.9 | 28.3 |
| 8H | 2H | 27.4 | 28.0 | 27.8 | 28.4 | 28.8 | 26.9 | 27.5 | 27.4 | 28.0 | 28.4 |
| | 4H | 26.2 | 26.9 | 26.7 | 27.3 | 27.7 | 26.4 | 27.0 | 26.8 | 27.4 | 27.8 |
| | 6H | 27.2 | 27.7 | 27.6 | 28.2 | 28.6 | 27.1 | 27.7 | 27.6 | 28.1 | 28.5 |
| | 8H | 27.7 | 28.1 | 28.1 | 28.6 | 29.1 | 27.4 | 27.9 | 27.9 | 28.3 | 28.8 |
| | 12H | 28.1 | 28.5 | 28.6 | 29.0 | 29.5 | 27.6 | 28.0 | 28.1 | 28.5 | 29.0 |
| 12H | 4H | 26.3 | 26.9 | 26.7 | 27.3 | 27.7 | 26.4 | 27.0 | 26.8 | 27.4 | 27.9 |
| | 6H | 27.3 | 27.8 | 27.8 | 28.2 | 28.7 | 27.2 | 27.7 | 27.7 | 28.1 | 28.6 |
| | 8H | 27.8 | 28.2 | 28.3 | 28.7 | 29.2 | 27.5 | 28.0 | 28.0 | 28.4 | 28.9 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.1 / -0.1 | | | | | +0.1 / -0.1 | | | | | |
| S = 1.5H | +0.2 / -0.3 | | | | | +0.2 / -0.3 | | | | | |
| S = 2.0H | +0.3 / -0.7 | | | | | +0.4 / -0.7 | | | | | |
| Standard table | BK07 | | | | | BK06 | | | | | |
| Correction Summand | 6.1 | | | | | 5.7 | | | | | |
| Corrected Glare Indices referring to 1650lm Total Luminous Flux | | | | | | | | | | | |

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 |

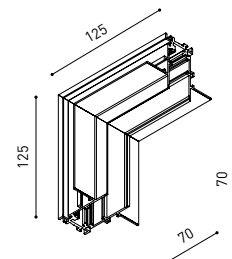
plasterboard ceiling, mandatory thickness 12,5mm. Recommended for installations where the profile can be installed before the false plasterboard ceiling.



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- | N T | WT |



End Feed 48V

A338-00-07- | N T | 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 ²) | 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
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
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



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

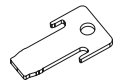
Recommended for installation



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

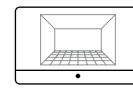


SUGGESTED MOUNTING ACCESSORIES QUANTITIES

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.

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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 |
|---------------------------------------|-----------------------|-------|-------|--------|-----|--------|
| 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 |

*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~ | 240 | *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 ²) | 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 |

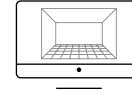
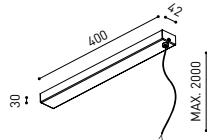
Other accessories

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

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[Start your configuration →](#)

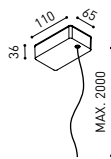
Required for remote or integrated driver installation:

| 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

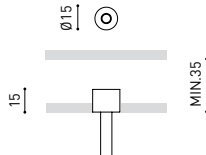


Wire trimless accessories

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

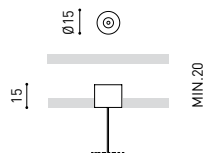
| FEED | | | |
|-----------------------|---|---|--------|
| Mains Trimless* | | | |
| A023-00-01- | W | N | NO DIM |
| Mains Thick Trimless* | | | |
| A023-00-02- | W | N | DIM |

REMOTE INCL Ø20



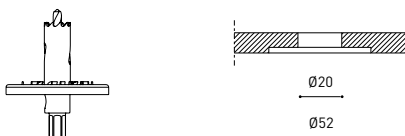
| FASTENING | | | |
|-----------------------|---|---|--|
| Steel Cable Trimless* | | | |
| A023-00-05- | W | N | |

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 |



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

