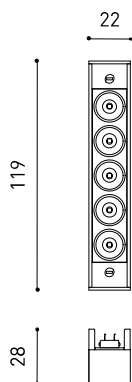




## DIMENSIONS



## ACCESSOIRES



MINIMAL TRACK OPTIONS

## PRIX



red dot winner 2020  
innovative product  
& lighting design



Bronze Delta  
ADI Awards 2020



HONORABLE MENTION  
EUROPEAN  
PRODUCT  
DESIGN  
AWARD



|           |                                  |
|-----------|----------------------------------|
| Nom       | BLACK FOSTER MICRO 24V 5 3500K N |
| Référence | A4152013N                        |
| Coleur    | Noir                             |
| RAL       | 9005                             |
| Catégorie | TRACK LIGHTS                     |

## PRODUIT

|                                    |                  |
|------------------------------------|------------------|
| Type                               | LED              |
| Flux lumineux brut                 | 825 lm           |
| Température de couleur             | 3500 K           |
| Stabilité chromatique              | MacAdam Step 3   |
| Indice de reproduction chromatique | CRI > 90         |
| Puissance                          | 7 W              |
| Efficacité                         | 111 lm/W         |
| Durée de vie de la LED             | L90B10 > 60.000h |

## SOURCE DE LUMIÈRE

|                            |     |
|----------------------------|-----|
| Efficacité lumineuse       | 87% |
| Angle du faisceau lumineux | 37° |

## LUMINAIRE | DONNÉES PHOTOMÉTRIQUES

|                                 |             |
|---------------------------------|-------------|
| Valeurs de puissance du système | 7,80 W      |
| Tension                         | 24Vdc       |
| Variation d'intensité           | Options DIM |
| Classe d'isolation électrique   | II          |

## LUMINAIRE | DONNÉES ÉLECTRIQUES

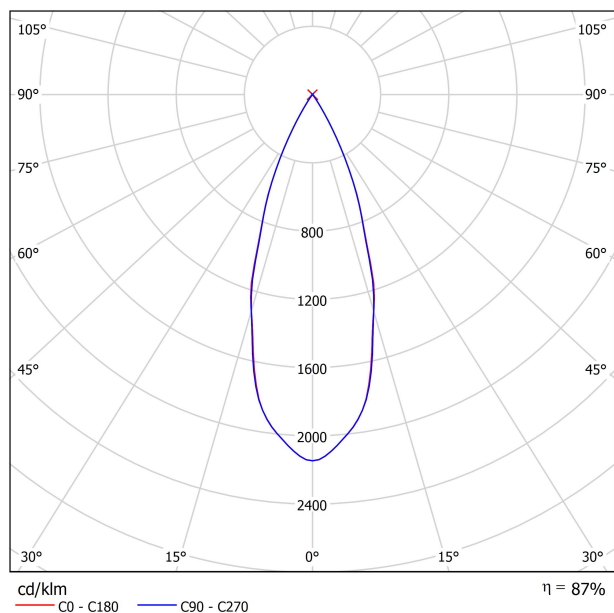
|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Étanchéité                | IP20                                                        |
| Contrôle sans fil         | Veillez consulter                                           |
| Type de rail              | Minimal Track                                               |
| Poids                     | 80 g                                                        |
| Poids avec emballage      | 91 g                                                        |
| Dimensions de l'emballage | 134 x 37 x 35 mm                                            |
| Unités par emballage      | 1                                                           |
| Matériaux                 | Aluminium / Acrylonitrile Butadiène Styrène / Polycarbonate |

## D'AUTRES DONNÉES

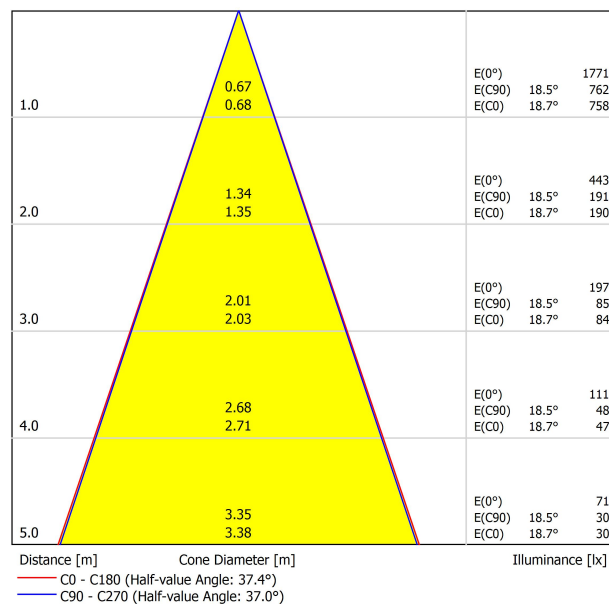


Black Foster Micro 24V pour Minimal Track, le spotlight le plus compact à effet «The Invisible Black». Ce luminaire linéaire dispose d'un excellent contrôle du faisceau lumineux, dont les rayons n'inondent pas le luminaire et sont directement dirigés vers l'extérieur sans toucher l'écran. De plus, son design réduit permet d'intégrer parfaitement des modules aux systèmes.

## DIAGRAMME POLAIRE



## DIAGRAMME CONIQUE



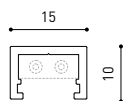
## UGR

| Glare Evaluation According to UGR                                |                                                   |      |      |      |      |                                            |      |      |      |      |
|------------------------------------------------------------------|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|
| ρ Ceiling                                                        | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |
| ρ Walls                                                          | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |
| ρ Floor                                                          | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |
| Room Size<br>X      Y                                            | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H                                                               | 2H                                                | 1.1  | 1.7  | 1.3  | 1.9  | 2.1                                        | 0.8  | 1.4  | 1.0  | 1.6  |
|                                                                  | 3H                                                | 4.4  | 5.0  | 4.7  | 5.2  | 5.4                                        | 4.2  | 4.7  | 4.4  | 5.0  |
|                                                                  | 4H                                                | 6.2  | 6.8  | 6.5  | 7.0  | 7.3                                        | 6.0  | 6.6  | 6.3  | 6.8  |
|                                                                  | 6H                                                | 8.1  | 8.7  | 8.5  | 8.9  | 9.2                                        | 8.1  | 8.6  | 8.4  | 8.9  |
|                                                                  | 8H                                                | 9.4  | 9.9  | 9.7  | 10.1 | 10.4                                       | 9.3  | 9.7  | 9.6  | 10.0 |
|                                                                  | 12H                                               | 10.7 | 11.2 | 11.1 | 11.5 | 11.8                                       | 10.7 | 11.1 | 11.0 | 11.4 |
| 4H                                                               | 2H                                                | 2.1  | 2.6  | 2.4  | 2.9  | 3.1                                        | 1.8  | 2.4  | 2.1  | 2.6  |
|                                                                  | 3H                                                | 5.5  | 6.0  | 5.9  | 6.3  | 6.6                                        | 5.4  | 5.9  | 5.8  | 6.2  |
|                                                                  | 4H                                                | 7.6  | 8.0  | 7.9  | 8.3  | 8.6                                        | 7.4  | 7.8  | 7.8  | 8.1  |
|                                                                  | 6H                                                | 9.7  | 10.1 | 10.1 | 10.4 | 10.8                                       | 9.7  | 10.0 | 10.1 | 10.4 |
|                                                                  | 8H                                                | 11.1 | 11.4 | 11.5 | 11.7 | 12.1                                       | 11.0 | 11.3 | 11.4 | 11.6 |
|                                                                  | 12H                                               | 12.6 | 12.8 | 13.0 | 13.2 | 13.6                                       | 12.5 | 12.8 | 12.9 | 13.2 |
| 8H                                                               | 4H                                                | 8.4  | 8.7  | 8.8  | 9.1  | 9.5                                        | 8.2  | 8.5  | 8.7  | 8.9  |
|                                                                  | 6H                                                | 10.8 | 11.0 | 11.3 | 11.5 | 11.9                                       | 10.8 | 11.0 | 11.3 | 11.5 |
|                                                                  | 8H                                                | 12.3 | 12.5 | 12.8 | 12.9 | 13.4                                       | 12.3 | 12.4 | 12.7 | 12.9 |
|                                                                  | 12H                                               | 14.1 | 14.2 | 14.5 | 14.7 | 15.2                                       | 14.0 | 14.2 | 14.5 | 14.6 |
| 12H                                                              | 4H                                                | 8.6  | 8.9  | 9.1  | 9.3  | 9.7                                        | 8.5  | 8.7  | 8.9  | 9.1  |
|                                                                  | 6H                                                | 11.2 | 11.3 | 11.6 | 11.8 | 12.3                                       | 11.2 | 11.3 | 11.6 | 11.8 |
|                                                                  | 8H                                                | 12.8 | 12.9 | 13.3 | 13.4 | 13.9                                       | 12.7 | 12.9 | 13.2 | 13.3 |
| Variation of the observer position for the luminaire distances S |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         | +3.5 / -1.3                                       |      |      |      |      | +3.6 / -1.3                                |      |      |      |      |
| S = 1.5H                                                         | +6.0 / -1.6                                       |      |      |      |      | +6.0 / -1.6                                |      |      |      |      |
| S = 2.0H                                                         | +8.0 / -1.7                                       |      |      |      |      | +8.0 / -1.9                                |      |      |      |      |
| Standard table                                                   | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Correction                                                       | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Summand                                                          | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Corrected Glare Indices referring to 825lm Total Luminous Flux   |                                                   |      |      |      |      |                                            |      |      |      |      |

## GUIDE D'INSTALLATION

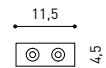


<https://youtu.be/KnedJbKp7oo>



**MINIMAL TRACK 24V Profile 2m**

A384-02-00- | N | WT |



**MINIMAL TRACK 24V Rubber Cable n x 1m**

A384-00-01- | N |

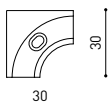
n = Total Length of System.

24V | Max. 4A

**MINIMAL TRACK 24V Corner 90° 1 Plane**

A384-00-02- | N | WT |

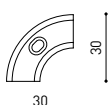
Cable Length = 35mm.



**MINIMAL TRACK 24V Corner 90° 1 Plane Rounded**

A384-00-03- | N | WT |

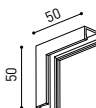
Cable Length = 35mm.



**MINIMAL TRACK 24V Corner 90° 2 Planes**

A384-00-04- | N | WT |

Cable Length = 100mm.



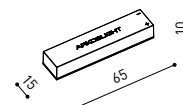
**MINIMAL TRACK 24V End Cap**

A384-00-05- | N | WT |

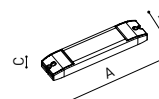
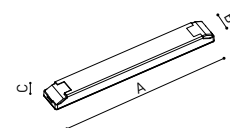
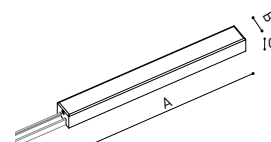


**MINIMAL TRACK 24V Connection Box**

A384-00-06- | N | WT |

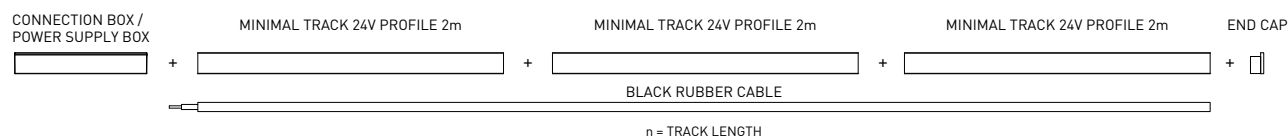
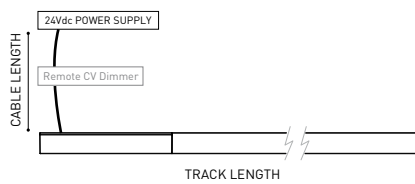


|                                                     |                                                                                     |                                     |             |    | P    | V    | D [A x B x C]    |                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------|-------------|----|------|------|------------------|-----------------|
| MINIMAL TRACK 24V<br>Power Supply Box               | ON/OFF                                                                              | A384-00-07-                         | NT          | WT | 40W  | 24V  | 280 x 30 x 24mm  |                 |
|                                                     |                                                                                     | A384-00-08-                         | NT          | WT | 100W | 24V  | 280 x 30 x 24mm  |                 |
| 220<br>240                                          | V~                                                                                  | Included ON/OFF 24Vdc Power Supply. |             |    |      |      |                  |                 |
| MINIMAL TRACK 24V<br>Remote Power Supply            | ON/OFF                                                                              | 0434-01-37                          |             |    |      | 60W  | 24V              | 180 x 52 x 30mm |
|                                                     |                                                                                     | 0433-10-22                          |             |    |      | 100W | 24V              | 295 x 43 x 30mm |
| 220<br>240                                          | V~                                                                                  |                                     |             |    |      |      |                  |                 |
| MINIMAL TRACK 24V<br>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 |                 |
|                                                     |                                                                                     | 0434-01-64                          | WIFI        |    |      | 24V  | 105 x 44 x 23mm  |                 |
| 24 V                                                |                                                                                     |                                     |             |    |      |      |                  |                 |



**DROP VOLTAGE TABLE**

|           |                     | CABLE LENGTH (m) |     |     |     |
|-----------|---------------------|------------------|-----|-----|-----|
|           |                     | <5               | <10 | <20 | <30 |
| POWER [W] | CABLE SECTION [mm²] | TRACK LENGTH (m) |     |     |     |
|           |                     | 30               | 30  | 30  | 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 | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT

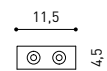
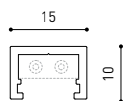
Calle N · Pol. Ind. EL OLIVERAL  
46394 Ribarroja del Turia · Valencia (Spain)  
Tel. +34 961 667 207 · Fax +34 961 667 054  
info@arkoslight.com · www.arkoslight.com

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



# MINIMAL TRACK SUSPENSION

ARKOSLIGHT



## 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\*

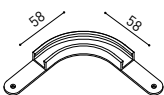
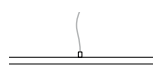
A400-02-20- | N | WT |

\* Unidirectional Middle Feed.

## MINIMAL TRACK 24V Suspension Corner 90°

A400-00-03- | N | WT |

Cable Length = 85mm.



## MINIMAL TRACK 24V Suspension

Rubber Cable n x 1m

A400-00-01- | N |

n = Total Length of System.

## MINIMAL TRACK 24V Suspension Straight Joiner

A400-00-02- | N | WT |

## MINIMAL TRACK 24V Suspension Kit

A400-02-04- | N | WT |

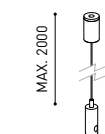
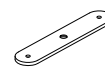
Max distance between suspension kits = 100 cm.

## MINIMAL TRACK 24V Suspension End Caps

A400-00-05- | N | WT |

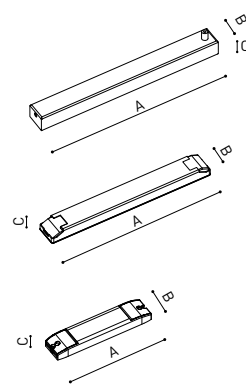
Two End Caps Included.

24 V | Max. 4A



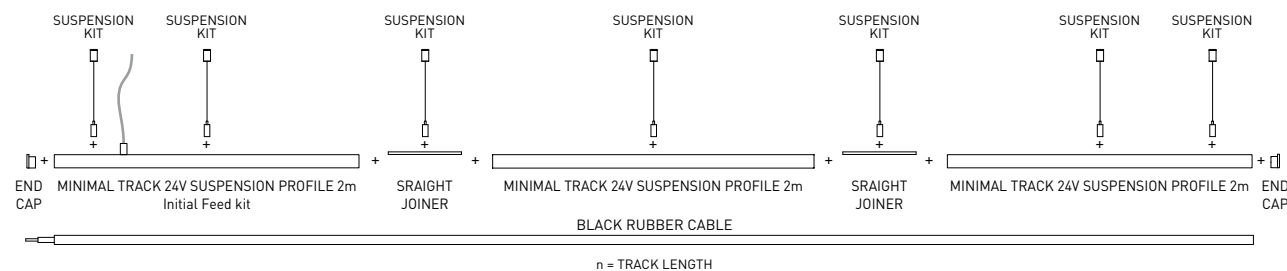
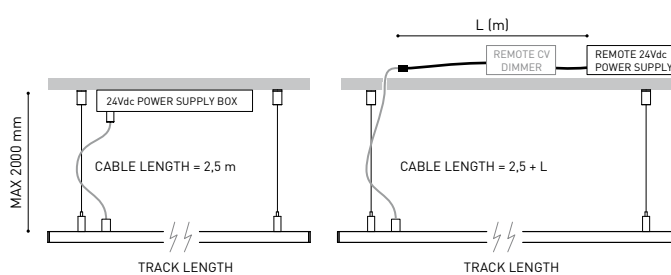
|                                                  |                                                                                     |                       | P           | V   | D (A x B x C)    |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------|-----|------------------|
| MINIMAL TRACK 24V Suspension Power Supply Box    | ON/OFF                                                                              | A400-00-06-   NT   WT | 40W         | 24V | 280 x 30 x 36mm  |
|                                                  |                                                                                     | A400-00-07-   NT   WT | 100W        | 24V | 280 x 30 x 36mm  |
| 220 240 V~   Included ON/OFF 24Vdc Power Supply. |                                                                                     |                       |             |     |                  |
| MINIMAL TRACK 24V Remote Power Supply            | ON/OFF                                                                              | 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 |
|                                                  |                                                                                     | 0434-01-64            | WIFI        | 24V | 105 x 44 x 23mm  |

24V



## DROP VOLTAGE TABLE

|           |                     | CABLE LENGTH (m) |     |     |     |
|-----------|---------------------|------------------|-----|-----|-----|
|           |                     | <5               | <10 | <20 | <30 |
| POWER (W) | CABLE SECTION (mm²) | 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 | N ■ | NT ■ | WT □ |

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Calle N · Pol. Ind. EL OLIVERAL  
46394 Ribarroja del Turia · Valencia (Spain)  
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info@arkoslight.com · www.arkoslight.com

5Year  
GUARANTEE

# WIRE TRIMLESS ACCESSORY

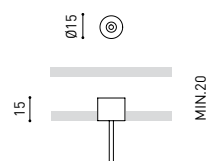
ARKOSLIGHT®

## MINIMAL TRACK SUSPENSION



| PRODUCT                                                                                                                                                                                                                                                                           |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Model                                                                                                                                                                                                                                                                             | Coaxial Trimless                                                          |
| Reference                                                                                                                                                                                                                                                                         | A023-00-03-   W   N                                                       |
| Colour                                                                                                                                                                                                                                                                            | W <input type="checkbox"/> RAL 9016   N <input type="checkbox"/> RAL 9005 |
| Category                                                                                                                                                                                                                                                                          | Accessories                                                               |
| Fasteners not available                                                                                                                                                                                                                                                           |                                                                           |
|  REMOTE  INCL  Ø20 |                                                                           |

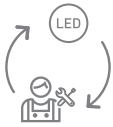
### DIMENSIONAL DRAWING



Wire Trimless Accessory est une collection d'accessoires qui permettent d'installer les tendeurs et les câbles des luminaires suspendus d'Arkosligh directement au plafond, sans rosette ni fixation apparente. Ceci permet d'obtenir une application minimaliste et visuellement propre dans l'espace.

Grâce aux Wire Trimless Accessory, les éléments adjacents au plafond du produit standard (rosette, fixation, boîtiers de driver...) sont dissimulés au moyen d'un montage encastré.

Wire Trimless Accessory réduit le poids visuel de l'installation et crée une esthétique extrêmement minimaliste. Les câbles émanent des éléments au plafond comme s'ils faisaient partie de la propre structure. Ce détail favorise une disposition beaucoup plus épurée et essentielle, notamment dans les compositions de plusieurs luminaires.



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 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



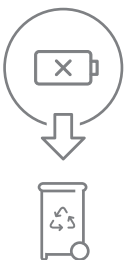
Quitar la(s) fuente(s) de luz para el desecho

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

