Black Foster Micro 24V Surface

ARKOSLIGHT

PRODUCTO

Nombre	BLACK FOSTER MICRO 24V SURFACE 5 4000K NT
Referencia	A4682012NT
Color	Negro Texturado
RAL	9005
Categoría	TRACKLIGHTS

FUENTE DE LUZ

Tipo	LED
Flujo Luminoso	850 lm
Temperatura de color	4000 K
Estabilidad cromática	MacAdam Step 3
Índice de reproducción cromática	CRI>90
Potencia	7 W
Corriente	500 mA
Eficacia	121 lm/W
Horas de Vida del LED	L90B10 >60.000h

LUMINARIA | DATOS FOTOMÉTRICOS

Eficiencia Lumínica	87%
Ángulo del haz de luz	37°

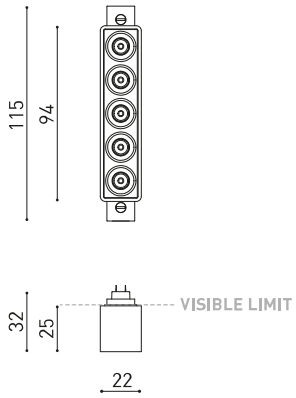
LUMINARIA | DATOS ELÉCTRICOS

Driver	Incluido
Potencia del sistema	7,80 W
Tensión	24Vdc
Regulación	Opciones DIM
Clase de seguridad eléctrica	

OTROS DATOS

Estanqueidad	IP20
Control inalámbrico	Consultar
Tipo de carril	Minimal Track
Peso	80 g
Peso con embalaje	100 g
Dimensiones embalaje	148 x 74 x 26 mm
Unidades por embalaje	1
Materiales	Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato

DIMENSIONES



ACCESORIOS

MINIMAL TRACK OPTIONS

PREMIOS

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

Black Foster Micro 24V Surface para Minimal Track, el downlight más compacto con efecto «The Invisible Black». Esta luminaria lineal cuenta con un excelente control del haz de luz cuyos rayos no bañan la luminaria y se encauzan directamente al exterior sin tocar la pantalla. Además, su reducido diseño permite insertar módulos en los sistemas con una absoluta integración.

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5 Year GUARANTEE*

DIAGRAMA POLAR

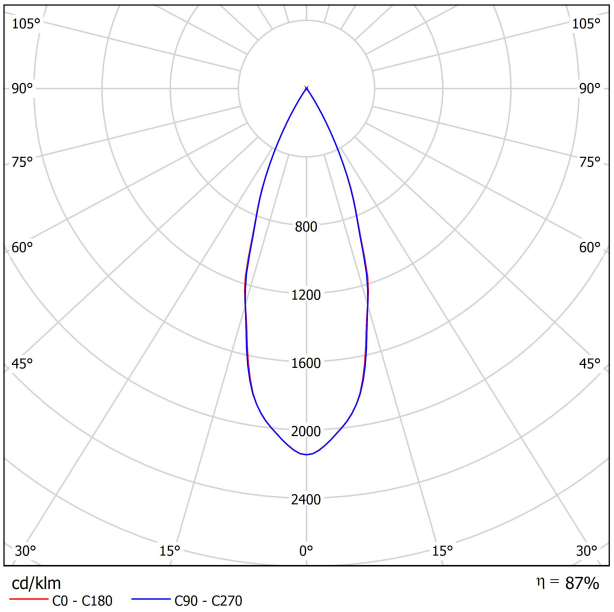
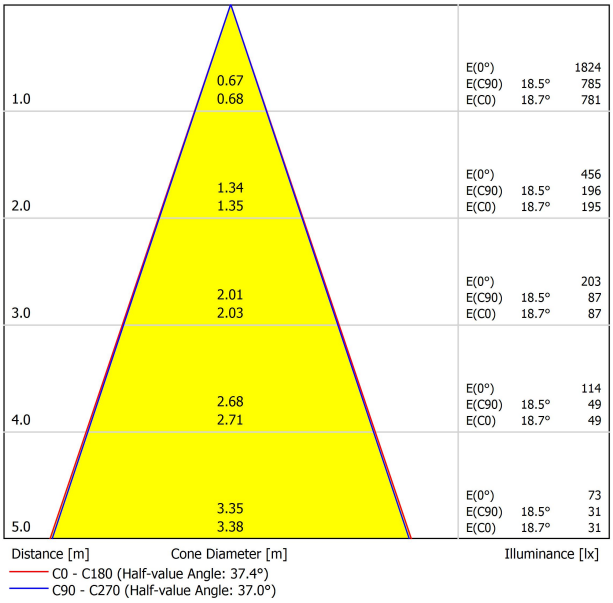


DIAGRAMA CÓNICO



UGR

Glare Evaluation According to UGR

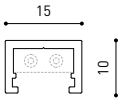
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	2.3	2.9	2.5	3.1	3.3	1.9	2.6	2.2	2.8	3.0
	3H	5.6	6.2	5.9	6.4	6.6	5.3	5.9	5.6	6.1	6.4
	4H	7.4	8.0	7.7	8.2	8.5	7.2	7.7	7.5	8.0	8.2
	6H	9.3	9.8	9.6	10.1	10.4	9.3	9.8	9.6	10.1	10.4
	8H	10.6	11.0	10.9	11.3	11.6	10.4	10.9	10.8	11.2	11.5
	12H	11.9	12.4	12.3	12.7	13.0	11.8	12.3	12.2	12.6	12.9
4H	2H	3.2	3.8	3.5	4.0	4.3	3.0	3.6	3.3	3.8	4.1
	3H	6.7	7.2	7.1	7.5	7.8	6.6	7.1	7.0	7.4	7.7
	4H	8.8	9.2	9.1	9.5	9.8	8.6	9.0	8.9	9.3	9.6
	6H	10.9	11.2	11.3	11.6	12.0	10.9	11.2	11.3	11.6	12.0
	8H	12.2	12.5	12.7	12.9	13.3	12.2	12.4	12.6	12.8	13.2
	12H	13.8	14.0	14.2	14.4	14.8	13.7	13.9	14.1	14.3	14.8
8H	4H	9.6	9.9	10.0	10.2	10.6	9.4	9.7	9.8	10.1	10.5
	6H	12.0	12.2	12.5	12.6	13.1	12.0	12.2	12.5	12.6	13.1
	8H	13.5	13.7	14.0	14.1	14.6	13.4	13.6	13.9	14.1	14.5
	12H	15.2	15.4	15.7	15.8	16.3	15.2	15.3	15.7	15.8	16.3
12H	4H	9.8	10.1	10.2	10.5	10.9	9.7	9.9	10.1	10.3	10.7
	6H	12.3	12.5	12.8	13.0	13.4	12.3	12.5	12.8	13.0	13.4
	8H	14.0	14.1	14.4	14.6	15.1	13.9	14.0	14.4	14.5	15.0
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 850lm Total Luminous Flux											

GUÍA DE INSTALACIÓN

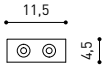
https://youtu.be/KnedJbKp7oo

MINIMAL TRACK

ARKOSLIGHT



MINIMAL TRACK 24V Profile 2m — A384-02-00- | N | WT |



MINIMAL TRACK 24V Rubber Cable n x 1m — A384-00-01- | N |

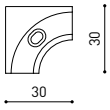
n = Total Lenght of System.

24 V | Max. 4A

MINIMAL TRACK 24V Corner 90º 1 Plane

A384-00-02- | N | WT |

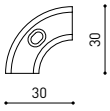
Cable Lenght = 35mm.



MINIMAL TRACK 24V Corner 90º 1 Plane Rounded

A384-00-03- | N | WT |

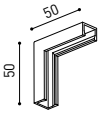
Cable Lenght = 35mm.



MINIMAL TRACK 24V Corner 90º 2 Planes

A384-00-04- | N | WT |

Cable Lenght = 100mm.

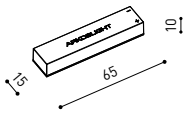


MINIMAL TRACK 24V End Cap

A384-00-05- | N | WT |

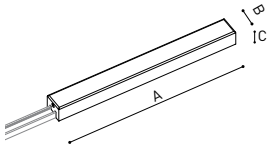
MINIMAL TRACK 24V Connection Box

A384-00-06- | N | WT |



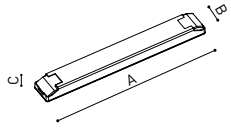
			P	V	D (A x B x C)
MINIMAL TRACK 24V Power Supply Box	ON/OFF	A384-00-07- | NT | WT |	40W	24V	280 x 30 x 24mm
		A384-00-08- | NT | WT |	100W	24V	280 x 30 x 24mm

220 240 V~ | Included ON/OFF 24Vdc Power Supply.



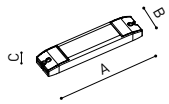
MINIMAL TRACK 24V Remote Power Supply	ON/OFF	0434-01-37	60W	24V	180 x 52 x 30mm
		0433-10-22	100W	24V	295 x 43 x 30mm

220 240 V~



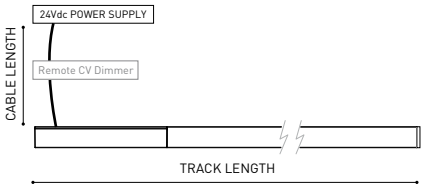
MINIMAL TRACK 24V Remote Constant Voltage Dimmer		0433-01-32	DALI / Push	24V	181 x 42 x 20mm
		0433-01-35	CASAMBI	24V	72,6 x 30 x 18mm
		0434-01-64	WIFI	24V	105 x 44 x 23mm

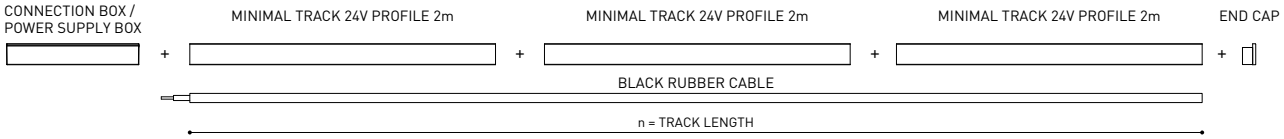
24 V



DROP VOLTAGE TABLE

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

DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

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5 Year GUARANTEE

MINIMAL TRACK SUSPENSION

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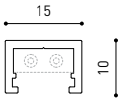
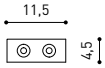




MINIMAL TRACK 24V Suspension

Profile 2m

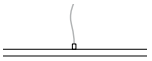
A384-02-00- | N | WT |

Profile 2m Initial feed kit

A400-02-10- | N | WT |

Profile 2m Middle feed kit*

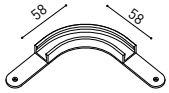
A400-02-20- | N | WT |



* Unidirectional Middle Feed.

MINIMAL TRACK 24V Suspension **Corner 90º**

A400-00-03- | N | WT |



Cable Lenght = 85mm.

MINIMAL TRACK 24V Suspension

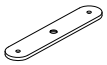
Rubber Cable n x 1m **A400-00-01- | N |**

n = Total Lenght of System.

24 V | Max. 4A III

MINIMAL TRACK 24V Suspension **Straight Joiner**

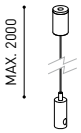
A400-00-02- | N | WT |



MINIMAL TRACK 24V Suspension Kit

A400-02-04- | N | WT |

Max distance between suspension kits = 100 cm.

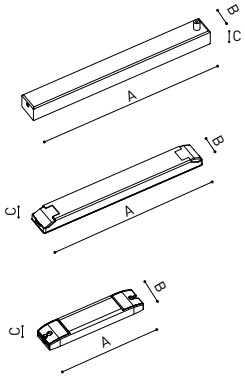


MINIMAL TRACK 24V Suspension **End Caps**

A400-00-05- | N | WT |

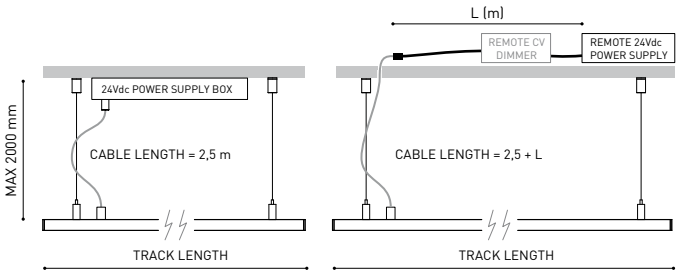
Two End Caps Included.

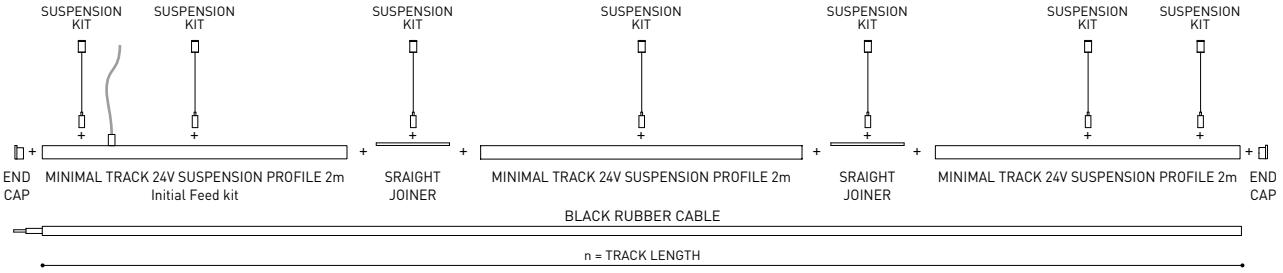
			P	V	D (A x B x C)
MINIMAL TRACK 24V Suspension Power Supply Box	ON/OFF	**A400-00-06- | NT | WT |**	40W	24V	280 x 30 x 36mm
		A400-00-07- | NT | WT |	100W	24V	280 x 30 x 36mm
220 240 V~ | Included ON/OFF 24Vdc Power Supply.					
MINIMAL TRACK 24V Remote Power Supply	ON/OFF	**0434-01-37**	60W	24V	180 x 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
24 V					



DROP VOLTAGE TABLE

		CABLE LENGHT (m)			
		<5	<10	<20	<30
POWER (W)	**CABLE SECTION** (mm²)	**TRACK LENGHT** (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 | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT

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5 Year GUARANTEE

MINIMAL TRACK TRIMLESS

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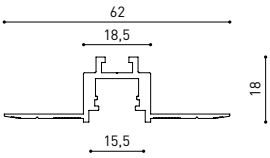
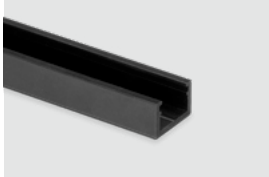
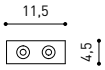


MINIMAL TRACK 24V **Trimless**

Profile 2m — **A467-02-00- | N |**





MINIMAL TRACK 24V **Trimless**

Rubber Cable n x 1m — **A467-00-01- | N |**

n = Total Lenght of System.

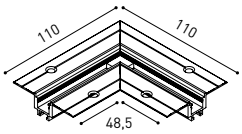
24V | Max. 4A

MINIMAL TRACK 24V **Trimless**

Corner 90º 1 Plane

A467-00-02- | N |

Cable Lenght = 140mm.



MINIMAL TRACK 24V **Trimless**

End Caps

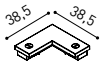
A467-00-05- | N |

Two End Caps Included

MINIMAL TRACK 24V **Trimless**

Corner 90º 1 Plane Connector

A467-00-03- | N |



MINIMAL TRACK 24V **Trimless**

Straight Joiner

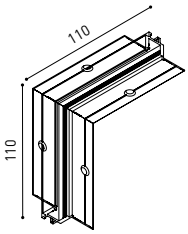
A467-00-06

MINIMAL TRACK 24V **Trimless**

Corner 90º 2 Planes

A467-00-04- | N |

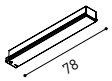
Cable Lenght = 200mm.



MINIMAL TRACK 24V **Trimless**

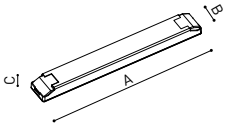
Connection Box

A467-00-07- | N |



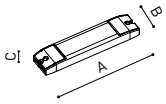
			P	V	D (A x B x C)
MINIMAL TRACK 24V **Remote Power Supply**	ON/OFF	**0434-01-37**	60W	24V	180 x 52 x 30mm
		0433-10-22	100W	24V	295 x 43 x 30mm

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

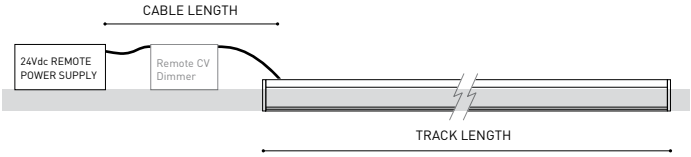
24V

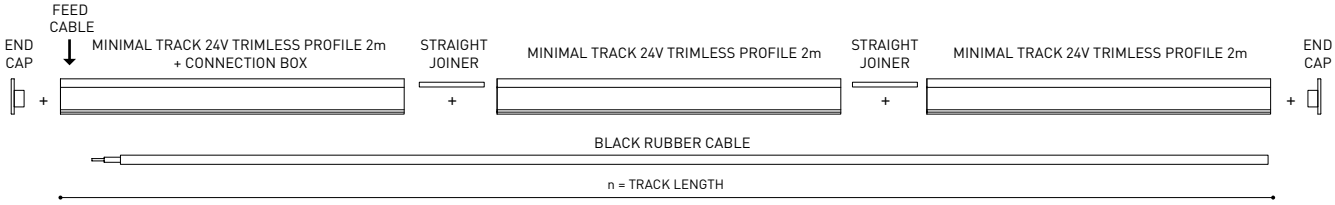


DROP VOLTAGE TABLE

		CABLE LENGHT (m)			
		<5	<10	<20	<30
POWER (W)	**CABLE SECTION** (mm²)	**TRACK LENGHT** (m)			
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 | N ■ |

DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

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WIRE TRIMLESS ACCESSORY

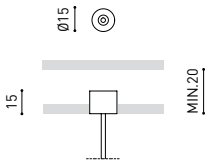
MINIMAL TRACK SUSPENSION

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

Fasteners not available

REMOTE INCL Ø20

DIMENSIONAL DRAWING



Wire Trimless Accessory es una colección de accesorios que permiten instalar los tensores y cables de las luminarias de suspensión de Arkoslight directamente desde el techo, sin ningún lorón ni anclaje visto. Se logra así una aplicación minimalista y visualmente limpia en el espacio.

Con los Wire Trimless Accessory los elementos adyacentes al techo del producto estándar (florones, anclajes, cajas de driver...) se esconden a través de una simple aplicación de empotramiento.

Wire Trimless Accessory reduce el peso visual de la instalación y genera una estética extremadamente minimalista. Los cables nacen desde el material en el techo como parte de la estructura. Este detalle genera una disposición mucho más pura y esencial, especialmente, en composiciones de varias unidades.

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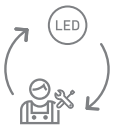
ECODESIGN AND ENERGY LABELLING

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

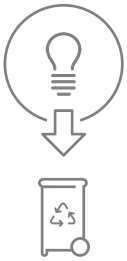
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

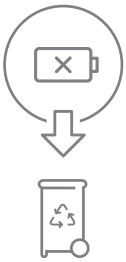
Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN 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

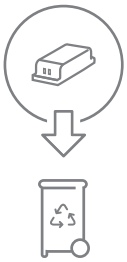
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

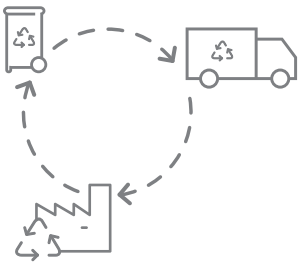


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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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