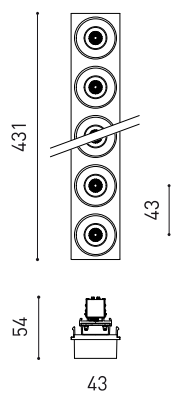




## GRÖÖE



## ZUBEHÖR



CUSTOM & MOUNTING  
ACCESSORIES

## PREISE



|               |                                                     |
|---------------|-----------------------------------------------------|
| Name          | BLACK FOSTER CUSTOM MODULE 10 SPOT DIM DALI 3500K N |
| Artikelnummer | A4535123N                                           |
| Farbe         | Schwarz                                             |
| RAL           | 9005                                                |
| Kategorie     | CUSTOM SYSTEMS                                      |

## PRODUKT

|                                            |                   |
|--------------------------------------------|-------------------|
| Typ                                        | LED               |
| Bruttolichtstrom                           | 2300 lm           |
| Farbtemperatur                             | 3500 K            |
| Farbstabilität                             | MacAdam Step 3    |
| Farbwiedergabeindex                        | CRI > 90          |
| Leistung                                   | 21 W              |
| Lichtausbeute                              | 110 lm/W          |
| Nutzlebensdauer der LED in Betriebsstunden | L90B10 > 102.000h |

## LICHTQUELLE

|                            |     |
|----------------------------|-----|
| Leuchtenwirkungsgrad (LOR) | 90% |
| Abstrahlwinkel             | 19° |

## LEUCHTE | PHOTOMETRISCHE DATEN

|                            |          |
|----------------------------|----------|
| Driver                     | Inklusiv |
| Leistungswerte des Systems | 22,98 W  |
| Spannung                   | 48Vdc    |
| Helligkeitssteuerung       | DALI     |
| Schutzklasse               | II       |

## LEUCHTE | ELEKTRISCHE DATEN

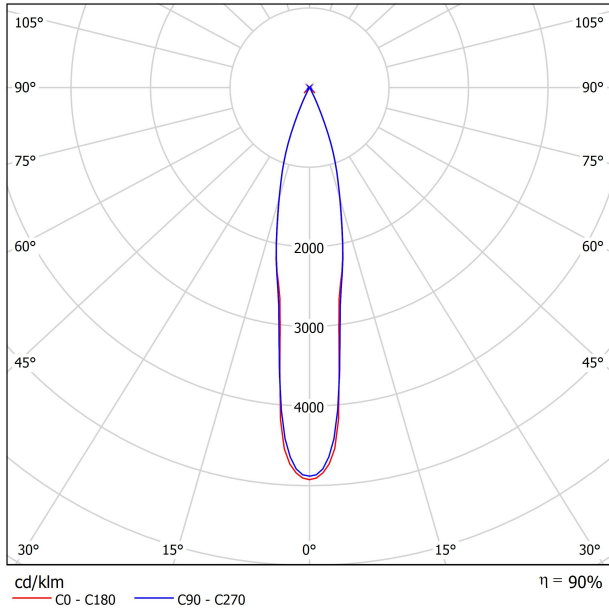
|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| Dichtigkeit              | IP20                                                   |
| Wireless control         | Bitte anfragen                                         |
| Schientyp                | Black Foster Track                                     |
| Gewicht                  | 300 g                                                  |
| Gewicht inkl. Verpackung | 405 g                                                  |
| Stück pro Verpackung     | 1                                                      |
| Materialien              | Aluminium / Acrylnitril-Butadien-Styrol / Polycarbonat |

## ANDERE DATEN

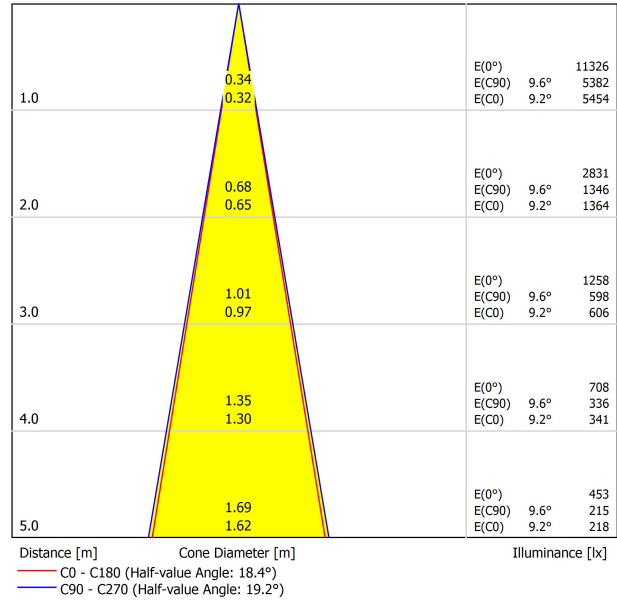


Black Foster ist ein individuell gestaltbares Leuchtersystem welches den „Invisible Black Effect“ der Spotlight Serie auf ein lineares Profilsystem projiziert. Black Foster besteht aus einer Reihe von kombinierbaren Modulen und ermöglicht den Wechsel von Segmenten mit und ohne Lichtaustritt. Egal, ob es ein-/ oder ausgeschaltet ist, diese Leuchte behält immer die Ästhetik einer perfekten dunklen Linie. Für den Betrachter ist es unmöglich, zwischen den beleuchteten und unbeleuchteten Segmenten zu unterscheiden.

## POLAR-KOORDINATEN DIAGRAMM



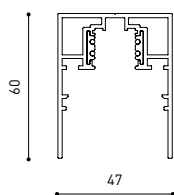
## KEGELDIAGRAMM



## 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  | 2.5                                               | 3.2  | 2.7  | 3.3  | 3.5  | 3.3                                        | 4.0  | 3.6  | 4.2  | 4.4  |
|                                                                  | 3H  | 6.0                                               | 6.6  | 6.3  | 6.8  | 7.0  | 7.2                                        | 7.8  | 7.5  | 8.1  | 8.3  |
|                                                                  | 4H  | 7.9                                               | 8.5  | 8.2  | 8.8  | 9.0  | 9.1                                        | 9.7  | 9.4  | 9.9  | 10.2 |
|                                                                  | 6H  | 10.2                                              | 10.7 | 10.5 | 11.0 | 11.3 | 11.4                                       | 11.9 | 11.7 | 12.2 | 12.4 |
|                                                                  | 8H  | 11.3                                              | 11.8 | 11.7 | 12.1 | 12.4 | 12.6                                       | 13.1 | 12.9 | 13.4 | 13.7 |
|                                                                  | 12H | 12.7                                              | 13.2 | 13.1 | 13.5 | 13.8 | 14.0                                       | 14.5 | 14.4 | 14.8 | 15.1 |
| 4H                                                               | 2H  | 3.9                                               | 4.4  | 4.2  | 4.7  | 4.9  | 4.4                                        | 5.0  | 4.7  | 5.2  | 5.5  |
|                                                                  | 3H  | 7.6                                               | 8.1  | 7.9  | 8.4  | 8.7  | 8.4                                        | 8.9  | 8.8  | 9.2  | 9.5  |
|                                                                  | 4H  | 9.7                                               | 10.1 | 10.0 | 10.4 | 10.8 | 10.5                                       | 10.9 | 10.8 | 11.2 | 11.6 |
|                                                                  | 6H  | 12.0                                              | 12.3 | 12.3 | 12.7 | 13.0 | 12.9                                       | 13.2 | 13.3 | 13.6 | 14.0 |
|                                                                  | 8H  | 13.2                                              | 13.5 | 13.6 | 13.9 | 14.3 | 14.2                                       | 14.5 | 14.6 | 14.9 | 15.3 |
|                                                                  | 12H | 14.6                                              | 14.9 | 15.1 | 15.3 | 15.7 | 15.8                                       | 16.1 | 16.2 | 16.5 | 16.9 |
| 8H                                                               | 4H  | 10.6                                              | 10.9 | 11.0 | 11.3 | 11.7 | 11.2                                       | 11.6 | 11.7 | 11.9 | 12.3 |
|                                                                  | 6H  | 13.1                                              | 13.3 | 13.5 | 13.7 | 14.2 | 13.9                                       | 14.1 | 14.3 | 14.5 | 15.0 |
|                                                                  | 8H  | 14.5                                              | 14.7 | 15.0 | 15.1 | 15.6 | 15.4                                       | 15.6 | 15.9 | 16.0 | 16.5 |
|                                                                  | 12H | 16.1                                              | 16.3 | 16.6 | 16.8 | 17.3 | 17.1                                       | 17.3 | 17.6 | 17.8 | 18.3 |
| 12H                                                              | 4H  | 10.9                                              | 11.2 | 11.3 | 11.6 | 12.0 | 11.4                                       | 11.7 | 11.9 | 12.1 | 12.5 |
|                                                                  | 6H  | 13.4                                              | 13.6 | 13.9 | 14.1 | 14.6 | 14.1                                       | 14.3 | 14.6 | 14.8 | 15.2 |
|                                                                  | 8H  | 15.0                                              | 15.2 | 15.5 | 15.6 | 16.1 | 15.8                                       | 15.9 | 16.3 | 16.4 | 16.9 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         |     | +0.2 / -0.1                                       |      |      |      |      | +0.2 / -0.1                                |      |      |      |      |
| S = 1.5H                                                         |     | +0.3 / -0.3                                       |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |
| S = 2.0H                                                         |     | +0.5 / -0.5                                       |      |      |      |      | +0.5 / -0.5                                |      |      |      |      |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Summand                                                          |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Corrected Glare Indices referring to 2300lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |

# BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**



|                                |                       |
|--------------------------------|-----------------------|
| BLACK FOSTER Custom Surface 1m | A452-01-00-   NT   WT |
| BLACK FOSTER Custom Surface 2m | A452-02-00-   NT   WT |
| BLACK FOSTER Custom Surface 3m | A452-03-00-   NT   WT |

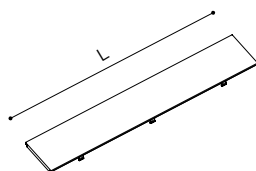


|                                     |                       |
|-------------------------------------|-----------------------|
| BLACK FOSTER Custom Surface L-Joint | A452-04-00-   NT   WT |
| BLACK FOSTER Custom Surface T-Joint | A452-05-00-   NT   WT |
| BLACK FOSTER Custom Surface X-Joint | A452-06-00-   NT   WT |



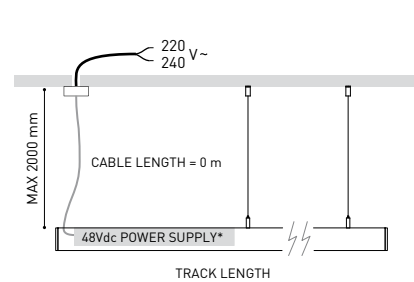
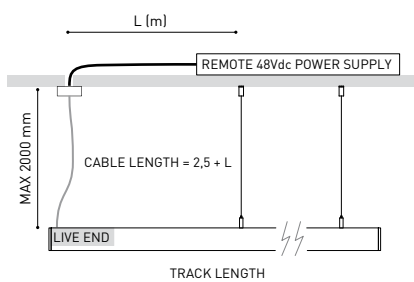
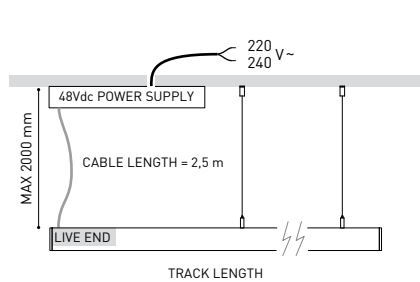
L

|                                   |                 |       |
|-----------------------------------|-----------------|-------|
| BLACK FOSTER Custom Cover Gap 250 | A452-00-01-   N | 250mm |
| BLACK FOSTER Custom Cover Gap 500 | A452-00-02-   N | 500mm |

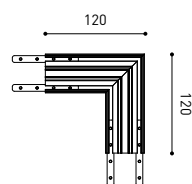


DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION [mm²] | 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  |

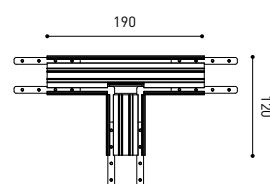


BLACK FOSTER SURFACE CUSTOM  
L-JOINT



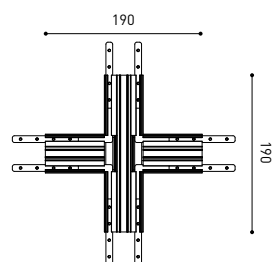
Electrical connection not included

BLACK FOSTER SURFACE CUSTOM  
T-JOINT



Electrical connection not included

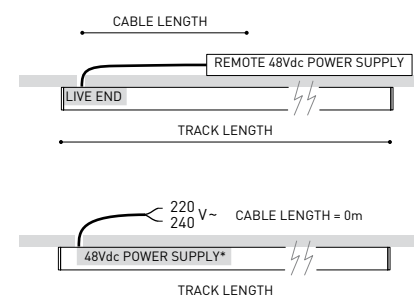
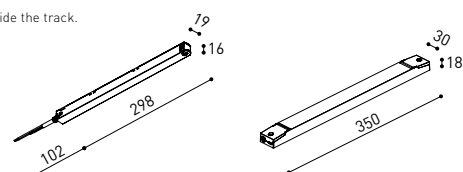
BLACK FOSTER SURFACE CUSTOM  
X-JOINT



Electrical connection not included

|                  |                 | P    | V   | D (A x B x C)   |
|------------------|-----------------|------|-----|-----------------|
| Constant Voltage | 0434-01-61*   N | 100W | 48V | 298 x 16 x 19mm |
| LED POWER SUPPLY | 0434-01-62      | 150W | 48V | 350 x 30 x 18mm |

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



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

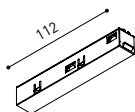
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info@arkoslight.com · www.arkoslight.com

**5Year**  
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# BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**

## Live-End Connector 48V

A338-00-01- | N |



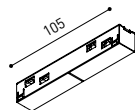
## BLACK FOSTER Custom Surface

End A452-00-03- | N | W |



## Central Connector 48V

A338-00-02- | N |



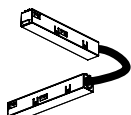
## BLACK FOSTER Custom Surface

End Feed A452-00-04- | N | W |



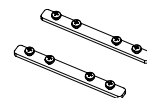
## L-Joint Connector 48V

A338-00-12- | N |



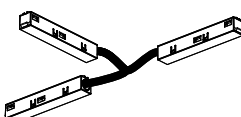
## BLACK FOSTER Custom Surface

Straight Joiner A452-00-05



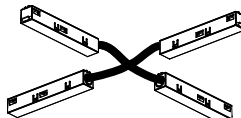
## T-Joint Connector 48V

A450-00-07- | N |



## X-Joint Connector 48V

A450-00-08- | N |

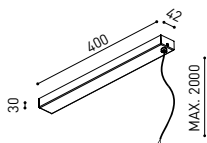
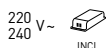


## SUSPENSION COMPONENTS

### Wired Power Supply Case 48V

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

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

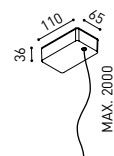


### Suspension Feed Kit 48V

A338-00-16- | N | W | NO DIM

A338-00-17- | N | W | DIM

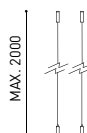
For remote power supply



### Black Foster Suspension Kit (2 units)

A450-00-09- | NT | WT |

Suggested mounting accessories quantities:  
1000mm - 2 Pcs.  
2000mm - 2 Pcs.  
3000mm - 3 Pcs.



A338-00-27- | N | W | NO DIM

A338-00-28- | N | W | DIM

For power supply inside the track

## WIRE TRIMLESS ACCESSORIES

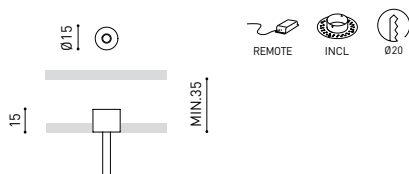
### FEED

#### 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

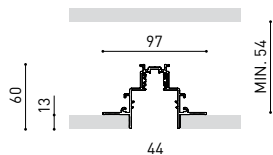
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

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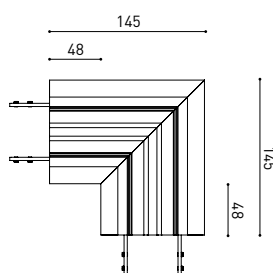


# BLACK FOSTER CUSTOM TRIMLESS COMPONENTS **ARKOSLIGHT**

|                                 |                 |
|---------------------------------|-----------------|
| BLACK FOSTER Custom Trimless 1m | A458-01-00-   N |
| BLACK FOSTER Custom Trimless 2m | A458-02-00-   N |
| BLACK FOSTER Custom Trimless 3m | A458-03-00-   N |

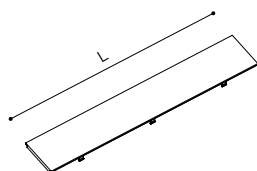


|                              |                 |
|------------------------------|-----------------|
| BLACK FOSTER Custom Trimless | A458-04-00-   N |
| L-Joint                      |                 |

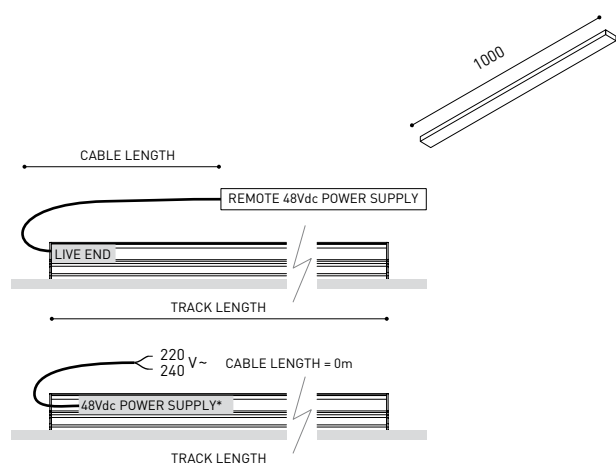


L

|                                   |                 |       |
|-----------------------------------|-----------------|-------|
| BLACK FOSTER Custom Cover Gap 250 | A452-00-01-   N | 250mm |
| BLACK FOSTER Custom Cover Gap 500 | A452-00-02-   N | 500mm |

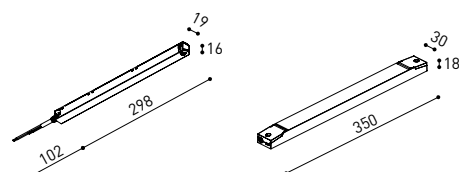


|                               |            |
|-------------------------------|------------|
| BLACK FOSTER Custom Trimless  | A458-05-00 |
| Plaster Installation Guard 1m |            |



|                                   | P               | V        | D (A x B x C)   |
|-----------------------------------|-----------------|----------|-----------------|
| Constant Voltage LED POWER SUPPLY | 0434-01-61*   N | 100W 48V | 298 x 19 x 16mm |
|                                   | 0434-01-62      | 150W 48V | 350 x 30 x 18mm |

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



DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | 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  |

COLOUR | N ■

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TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



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# BLACK FOSTER CUSTOM TRIMLESS COMPONENTS **ARKOSLIGHT**

## BLACK FOSTER Custom Trimless End

A458-00-01- | N |

Cover Thickness = 2 mm.



## BLACK FOSTER Custom Trimless End Feed

A458-00-02- | N |

Cover Thickness = 2 mm.



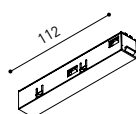
## BLACK FOSTER Straight Joiner

A317-00-06



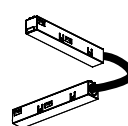
## Live-End Connector 48V

A338-00-01- | N |



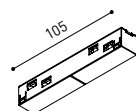
## L-Joint Connector 48V

A338-00-12- | N |



## Central Connector 48V

A338-00-02- | N |



## MOUNTING ACCESSORIES

### Track Fixation Kit

A219-21-06- | B |



### Track Flush Ceiling Kit

A219-22-06- | B |



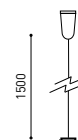
### Track Clamp Kit for M6 ROD

A219-21-21- | B |



### Track Suspension Kit

A219-21-10- | B |



## SUGGESTED MOUNTING ACCESSORIES QUANTITIES

1000 mm - 2 Pcs

2000 mm - 2 Pcs

3000 mm - 3 Pcs

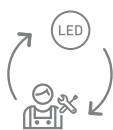
TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



COLOUR | N ■ | B □ |

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**5Year**  
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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



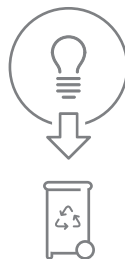
Interrumpir la alimentación del aparato

Cut the power supply to the luminaire

Couper l'alimentation du luminaire

Interrompere l'alimentazione dell'apparecchio

Stromversorgung der Leuchte unterbrechen



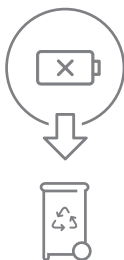
Quitar la(s) fuente(s) de luz para el desecho

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

