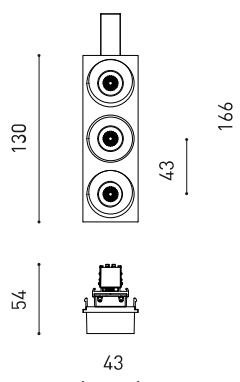




## DIMENSIONS



## ACCESSOIRES



CUSTOM & MOUNTING  
ACCESSORIES

## PRIX



|           |                                                      |
|-----------|------------------------------------------------------|
| Nom       | BLACK FOSTER CUSTOM MODULE 3 SPOT DIM DALI 3500K NMG |
| Référence | A4533123NMG                                          |
| Couleur   | Noir-Or métallique                                   |
| RAL       | Finition métallique                                  |
| Catégorie | CUSTOM SYSTEMS                                       |

|                                    |                   |
|------------------------------------|-------------------|
| Type                               | LED               |
| Flux lumineux brut                 | 690 lm            |
| Température de couleur             | 3500 K            |
| Stabilité chromatique              | MacAdam Step 3    |
| Indice de reproduction chromatique | CRI > 90          |
| Puissance                          | 6,3 W             |
| Efficacité                         | 110 lm/W          |
| Durée de vie de la LED             | L90B10 > 102.000h |

|                            |     |
|----------------------------|-----|
| Efficacité lumineuse       | 90% |
| Angle du faisceau lumineux | 19° |

|                                 |        |
|---------------------------------|--------|
| Driver                          | Inclus |
| Valeurs de puissance du système | 7,65 W |
| Tension                         | 48Vdc  |
| Variation d'intensité           | DALI   |
| Classe d'isolation électrique   | III    |

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Étanchéité           | IP20                                                        |
| Contrôle sans fil    | Veillez consulter                                           |
| Type de rail         | Black Foster Track                                          |
| Poids                | 111 g                                                       |
| Poids avec emballage | 180 g                                                       |
| Unités par emballage | 1                                                           |
| Matériaux            | Aluminium / Acrylonitrile Butadiène Styrène / Polycarbonate |

## PRODUIT

## SOURCE DE LUMIÈRE

## LUMINAIRE | DONNÉS PHOTOMÉTRIQUES

## LUMINAIRE | DONNÉS ÉLECTRIQUES

## D'AUTRES DONNÉES



Black Foster est le luminaire qui transfère l'effet acclamé de « The Invisible Black » à un système linéaire. Black Foster est composé d'une série de modules combinables qui permet d'alterner dans le luminaire des segments avec émission de lumière et d'autres sans lumière. Cependant, aussi bien allumé qu'éteint, le luminaire conserve toujours l'esthétique d'une parfaite ligne sombre. Pour l'observateur, il est impossible de différencier les parties de Black Foster qui émettent de la lumière de celles qui n'en émettent pas.

DIAGRAMME POLAIRE

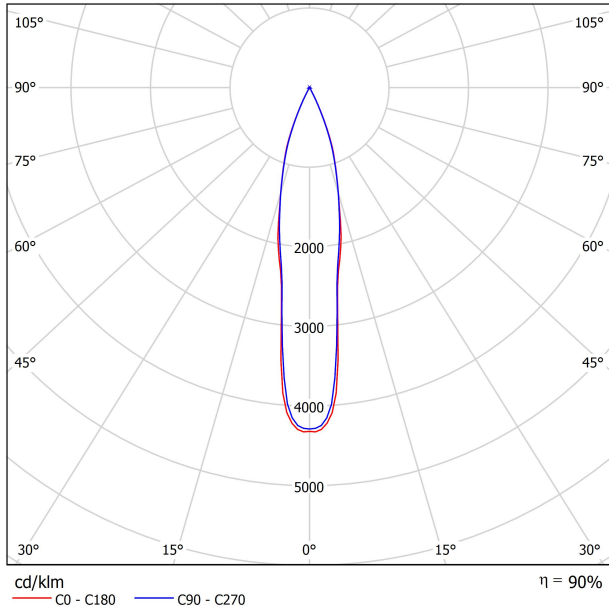
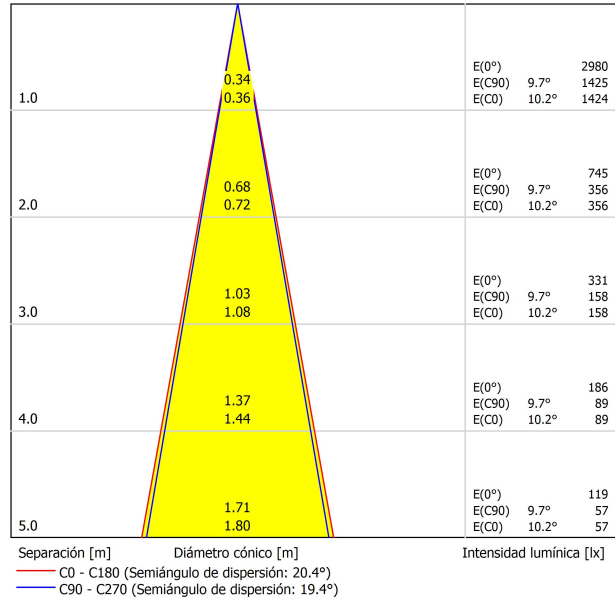


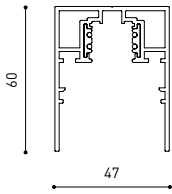
DIAGRAMME CONIQUE



UGR

| Valoración de deslumbramiento según UGR                                      |     |                                           |      |      |      |      |                                            |      |      |      |      |    |
|------------------------------------------------------------------------------|-----|-------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|----|
| ρ Techo                                                                      |     | 70                                        | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   | 30 |
| ρ Paredes                                                                    |     | 50                                        | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   | 30 |
| ρ Suelo                                                                      |     | 20                                        | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   | 20 |
| Tamaño del local X Y                                                         |     | Mirado en perpendicular al eje de lámpara |      |      |      |      | Mirado longitudinalmente al eje de lámpara |      |      |      |      |    |
| 2H                                                                           | 2H  | 5.8                                       | 6.5  | 6.0  | 6.7  | 6.9  | 5.8                                        | 6.5  | 6.1  | 6.7  | 6.9  |    |
|                                                                              | 3H  | 9.2                                       | 9.8  | 9.4  | 10.0 | 10.3 | 9.2                                        | 9.8  | 9.5  | 10.0 | 10.3 |    |
|                                                                              | 4H  | 11.0                                      | 11.6 | 11.3 | 11.9 | 12.1 | 11.2                                       | 11.8 | 11.5 | 12.0 | 12.3 |    |
|                                                                              | 6H  | 13.2                                      | 13.7 | 13.5 | 14.0 | 14.3 | 13.2                                       | 13.8 | 13.5 | 14.0 | 14.3 |    |
|                                                                              | 8H  | 14.4                                      | 14.9 | 14.8 | 15.2 | 15.5 | 14.5                                       | 15.1 | 14.9 | 15.3 | 15.6 |    |
| 4H                                                                           | 2H  | 7.1                                       | 7.7  | 7.4  | 7.9  | 8.2  | 7.1                                        | 7.7  | 7.4  | 8.0  | 8.2  |    |
|                                                                              | 3H  | 10.6                                      | 11.1 | 10.9 | 11.4 | 11.7 | 10.6                                       | 11.1 | 11.0 | 11.4 | 11.7 |    |
|                                                                              | 4H  | 12.6                                      | 13.0 | 13.0 | 13.4 | 13.7 | 12.7                                       | 13.2 | 13.1 | 13.5 | 13.9 |    |
|                                                                              | 6H  | 14.9                                      | 15.2 | 15.3 | 15.6 | 16.0 | 14.9                                       | 15.3 | 15.3 | 15.6 | 16.0 |    |
|                                                                              | 8H  | 16.2                                      | 16.5 | 16.6 | 16.9 | 17.3 | 16.3                                       | 16.6 | 16.7 | 17.0 | 17.4 |    |
| 8H                                                                           | 2H  | 17.7                                      | 18.0 | 18.1 | 18.4 | 18.8 | 17.8                                       | 18.1 | 18.2 | 18.5 | 18.9 |    |
|                                                                              | 4H  | 13.5                                      | 13.8 | 13.9 | 14.2 | 14.6 | 13.6                                       | 13.9 | 14.0 | 14.3 | 14.7 |    |
|                                                                              | 6H  | 16.0                                      | 16.3 | 16.5 | 16.7 | 17.1 | 16.0                                       | 16.3 | 16.5 | 16.7 | 17.1 |    |
|                                                                              | 8H  | 17.5                                      | 17.7 | 18.0 | 18.2 | 18.6 | 17.6                                       | 17.8 | 18.1 | 18.2 | 18.7 |    |
|                                                                              | 12H | 19.2                                      | 19.4 | 19.7 | 19.8 | 20.3 | 19.3                                       | 19.5 | 19.8 | 19.9 | 20.4 |    |
| 12H                                                                          | 4H  | 13.7                                      | 14.0 | 14.2 | 14.4 | 14.8 | 13.8                                       | 14.1 | 14.3 | 14.5 | 14.9 |    |
|                                                                              | 6H  | 16.4                                      | 16.6 | 16.8 | 17.0 | 17.5 | 16.4                                       | 16.6 | 16.9 | 17.0 | 17.5 |    |
|                                                                              | 8H  | 18.0                                      | 18.1 | 18.5 | 18.6 | 19.1 | 18.0                                       | 18.2 | 18.5 | 18.7 | 19.2 |    |
| Variación de la posición del espectador para separaciones S entre luminarias |     |                                           |      |      |      |      |                                            |      |      |      |      |    |
| S = 1.0H                                                                     |     | +0.2 / -0.2                               |      |      |      |      | +0.2 / -0.2                                |      |      |      |      |    |
| S = 1.5H                                                                     |     | +0.3 / -0.3                               |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |    |
| S = 2.0H                                                                     |     | +0.5 / -0.6                               |      |      |      |      | +0.5 / -0.6                                |      |      |      |      |    |
| Tabla estándar                                                               |     | ---                                       |      |      |      |      | ---                                        |      |      |      |      |    |
| Sumando de corrección                                                        |     | ---                                       |      |      |      |      | ---                                        |      |      |      |      |    |
| Índice de deslumbramiento corregido en relación a 690lm Flujo luminoso total |     |                                           |      |      |      |      |                                            |      |      |      |      |    |

# 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 |

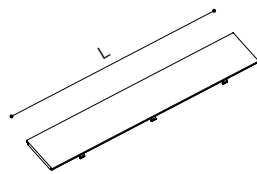


|                                     |                       |
|-------------------------------------|-----------------------|
| BLACK FOSTER Custom Surface L-Joint | A452-04-00-   NT   WT |
| BLACK FOSTER Custom Surface T-Joint | A452-05-00-   NT   WT |
| BLACK FOSTER Custom Surface X-Joint | A452-06-00-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



L

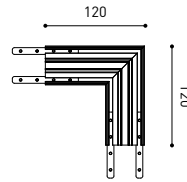
|                                   |                 |       |
|-----------------------------------|-----------------|-------|
| BLACK FOSTER Custom Cover Gap 250 | A452-00-01-   N | 250mm |
| BLACK FOSTER Custom Cover Gap 500 | A452-00-02-   N | 500mm |



DROP VOLTAGE TABLE

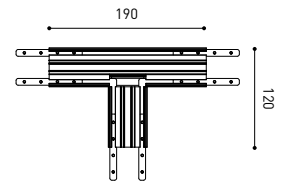
| POWER (W) | CABLE SECTION [mm <sup>2</sup> ] | CABLE LENGTH (m) |    |    |    |
|-----------|----------------------------------|------------------|----|----|----|
|           |                                  | 5                | 10 | 20 | 30 |
| 100       | 0,75                             | 50               | 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



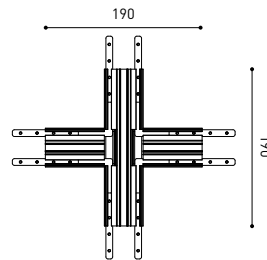
Electrical connection not included

BLACK FOSTER SURFACE CUSTOM  
T-JOINT



Electrical connection not included

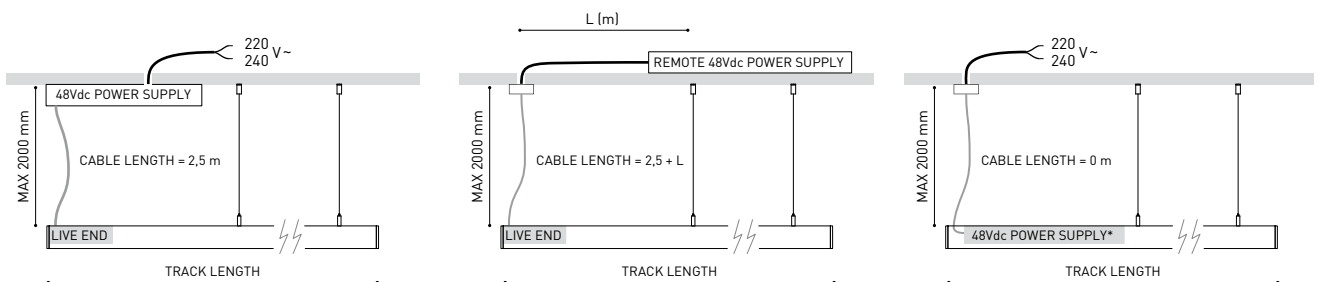
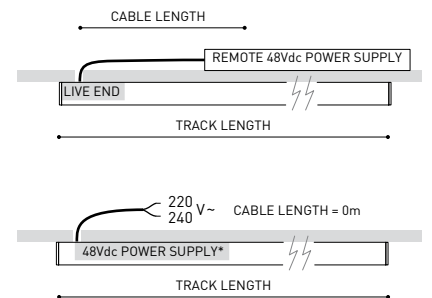
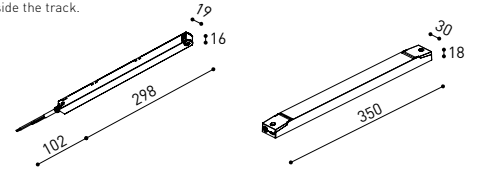
BLACK FOSTER SURFACE CUSTOM  
X-JOINT



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 |

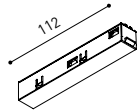
Calle N · Pol. Ind. EL OLIVERAL  
46394 Ribarroja del Turia · Valencia (Spain)  
Tel. +34 961 667 207 · Fax +34 961 667 054  
info@arkoslight.com · www.arkoslight.com



# BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**

## Live-End Connector 48V

A338-00-01- | N |



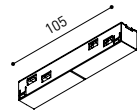
## BLACK FOSTER Custom Surface

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



## Central Connector 48V

A338-00-02- | N |



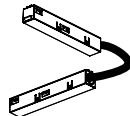
## BLACK FOSTER Custom Surface

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



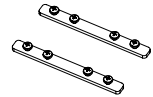
## L-Joint Connector 48V

A338-00-12- | N |



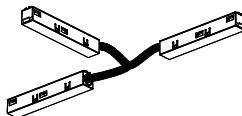
## BLACK FOSTER Custom Surface

Straight Joiner A452-00-05



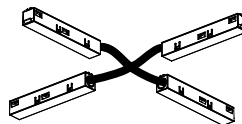
## T-Joint Connector 48V

A450-00-07- | N |



## X-Joint Connector 48V

A450-00-08- | N |

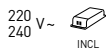


## SUSPENSION COMPONENTS

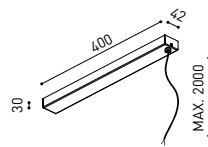
### Wired Power Supply Case 48V

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

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



INCL

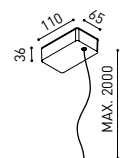


### Suspension Feed Kit 48V

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

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

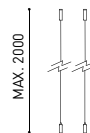
For remote power supply



### 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

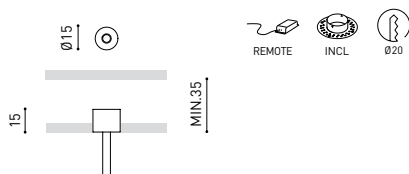
### FEED

#### Mains Trimless\*

A023-00-01- | W | N | NO DIM

Mains Thick Trimless\*

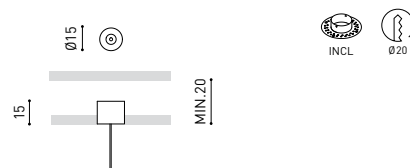
A023-00-02- | W | N | DIM



### FASTENING

#### Steel Cable Trimless\*

A023-00-05- | W | N |



\* As many pieces as needed ACCORDING to your product

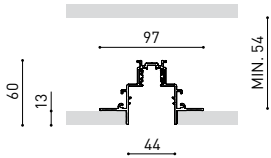
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

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



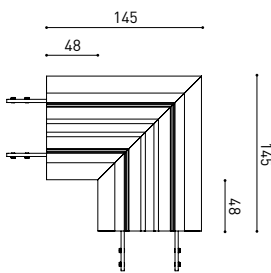
# BLACK FOSTER CUSTOM TRIMLESS COMPONENTS **ARKOSLIGHT**

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



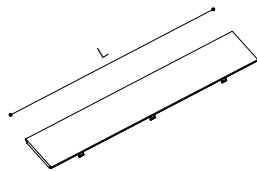
|                              |                 |
|------------------------------|-----------------|
| BLACK FOSTER Custom Trimless | A458-04-00-   N |
|------------------------------|-----------------|

### L-Joint

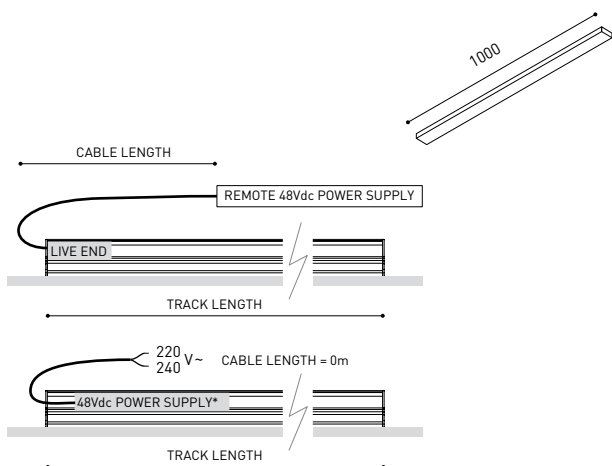


L

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

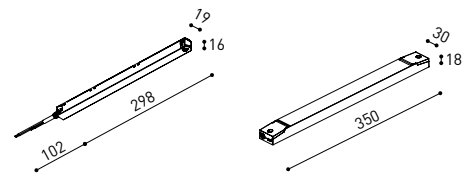


|                               |            |
|-------------------------------|------------|
| BLACK FOSTER Custom Trimless  | A458-05-00 |
| Plaster Installation Guard 1m |            |



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

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



### DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm <sup>2</sup> ) | 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  |

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



COLOUR | N ■

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



# 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.



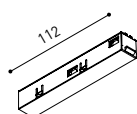
## BLACK FOSTER Straight Joiner

A317-00-06



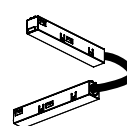
## Live-End Connector 48V

A338-00-01- | N |



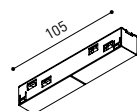
## L-Joint Connector 48V

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 |



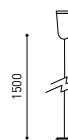
### Track Clamp Kit for M6 ROD

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

COLOUR | N ■ | B □ |

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





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

