

Black Foster Custom  
Module

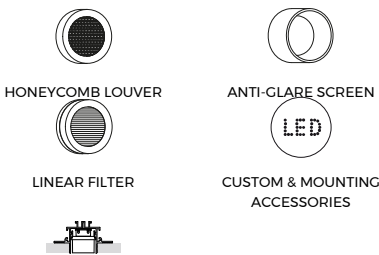
ARKOSLIGHT



Dimensions



Accessoires



Prix



| PRODUIT   |                                                         |
|-----------|---------------------------------------------------------|
| Nom       | BLACK FOSTER CUSTOM MODULE COCO MEDIUM TUNABLE WHITE NT |
| Référence | A5431228NT                                              |
| Coleur    | Noir Texturé                                            |
| RAL       | 9005                                                    |
| Catégorie | CUSTOM SYSTEMS                                          |

| SOURCE DE LUMIÈRE                  |                             |
|------------------------------------|-----------------------------|
| Type                               | LED                         |
| Flux lumineux brut                 | 1010 lm                     |
| Température de couleur             | Tunable White 2700 - 5000 K |
| Stabilité chromatique              | MacAdam Step 3              |
| Indice de reproduction chromatique | CRI>90                      |
| Puissance                          | 8,5 W                       |
| Efficacité                         | 119 lm/W                    |
| Durée de vie de la LED             | L80B10 >55.000h             |
| Classe d'efficacité énergétique    | F                           |

| LUMINAIRE   DONNÉS PHOTOMÉTRIQUES |     |
|-----------------------------------|-----|
| Efficacité lumineuse              | 87% |
| Angle du faisceau lumineux        | 42° |

| LUMINAIRE   DONNÉS ÉLECTRIQUES  |        |
|---------------------------------|--------|
| Driver                          | Inclus |
| Valeurs de puissance du système | 9,92 W |
| Tension                         | 48Vdc  |
| Variation d'intensité           | DALI   |
| Classe d'isolation électrique   | II     |

| D'AUTRES DONNÉES          |                                                         |
|---------------------------|---------------------------------------------------------|
| Étanchéité                | IP20                                                    |
| Contrôle sans fil         | Veillez consulter                                       |
| Angle d'inclinaison       | 90°                                                     |
| Angle de rotation         | 360°                                                    |
| Type de rail              | Black Foster Track                                      |
| Poids                     | 290 g                                                   |
| Poids avec emballage      | 375 g                                                   |
| Dimensions de l'emballage | 214x168x57 mm                                           |
| Unités par emballage      | 1                                                       |
| Matériaux                 | Aluminium / Polycarbonate / Polyméthacrylate De Méthyle |



Une solution légère et puissante. Coco est un projecteur avec une distribution de lumière qualitative et uniforme. Avec ses quatre angles d'ouverture — flood, medium, spot et superspot- sa rotation à 360° et son inclinaison à 90°, il offre une grande liberté d'émission. Il dispose d'un rapport lm/W exceptionnel, auquel peuvent s'ajouter différentes options : ant glare honeycomb et ant glare screen, qui réduisent l'éblouissement pour favoriser le confort visuel, et le filtre linéaire qui définit une distribution linéaire de la lumière. Coco invite à interagir avec la lumière dans une version à régulateur intégré permettant de régler l'intensité souhaité pour chaque luminaire. Sa version tunable white reproduit les effets de la lumière naturelle à travers la régulation de l'intensité et de la température chromatique.



Diagramme polaire

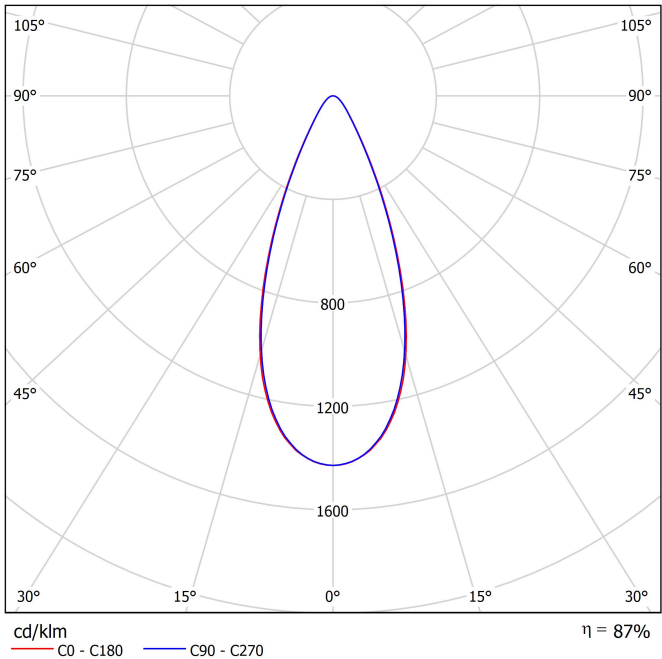
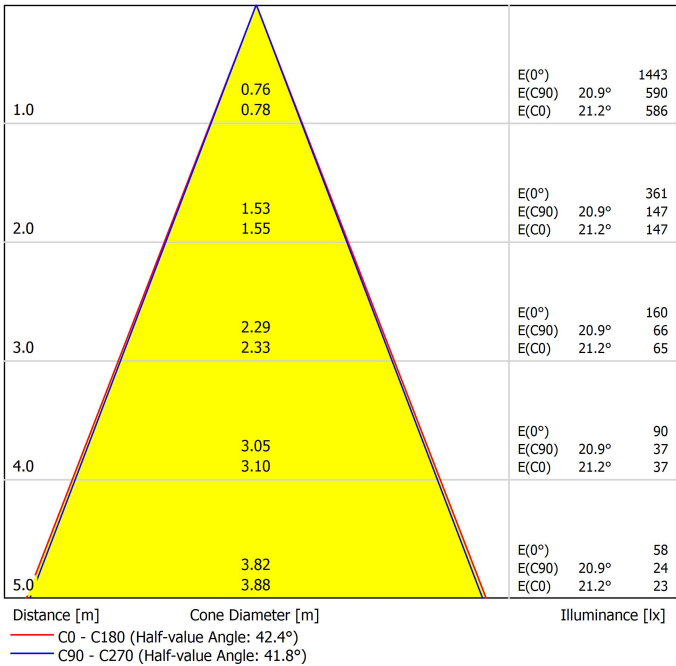


Diagramme conique





| PRODUCT                     |                             |
|-----------------------------|-----------------------------|
| Model                       | Anti-glare Honeycomb Louver |
| Reference                   | A498-90-00   WT   NT        |
| Category                    | Accessories                 |
| N'EST PAS VENDU SÉPARÉMENT. |                             |



Grille nid d'abeilles anti-éblouissement

Accessoire composé d'une grille en forme de nid d'abeilles qui contrôle le faisceau lumineux, réduit l'éblouissement et protège la vision directe de la source lumineuse.



| PRODUCT                     |                      |
|-----------------------------|----------------------|
| Model                       | Anti-glare Screen    |
| Reference                   | A498-90-01   WT   NT |
| Category                    | Accessories          |
| N'EST PAS VENDU SÉPARÉMENT. |                      |



Écran anti-éblouissement

Accessoire conçu pour réduire l'éblouissement direct, en particulier dans les luminaires avec optiques visibles, et améliorer le confort visuel en bloquant les angles d'émission inconfortables.



| PRODUCT   |                      |
|-----------|----------------------|
| Model     | Linear Filter        |
| Reference | A498-90-02   WT   NT |
| Category  | Accessories          |

N'EST PAS VENDU SÉPARÉMENT | INDIQUÉ POUR BEAM ≤ 34°

Filtre linéaire

Transforme le faisceau lumineux circulaire en une forme linéaire. Idéal pour les applications nécessitant une distribution précise et linéaire de la lumière, permettant de focaliser sur des surfaces spécifiques ou d'éviter l'effet de « taches lumineuses » dans de grands espaces.

# Black Foster Custom System components

# ARKOSLIGHT

Black Foster Custom System is a modular 48V lighting system designed to create tailored lighting setups by combining tracks, connectors, lighting modules, and accessories. Ideal for architectural and retail projects that demand flexibility, minimalist design, and high performance.

To configure the Black Foster Custom System, you'll need to combine the following components:

- 1. Tracks – Available in surface, trimless, or suspended versions (using suspension accessories with the surface track), they form the structural and electrical base of the system.
- 2. Connectors & Power Supply – Join track sections and provide 48V power input.
- 3. Accessories – Including end caps, joining elements, mounting accessories, and alternative installation parts to secure and finish the system.

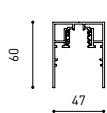


## Track Options

Choose the track version required for your project configuration.

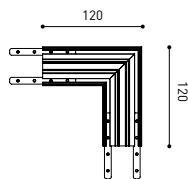
### Surface

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

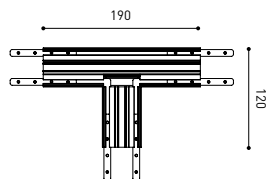


|                                     |                       |
|-------------------------------------|-----------------------|
| BLACK FOSTER Custom Surface L-Joint | A452-04-00-   NT   WT |
| BLACK FOSTER Custom Surface T-Joint | A452-05-00-   NT   WT |
| BLACK FOSTER Custom Surface X-Joint | A452-06-00-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

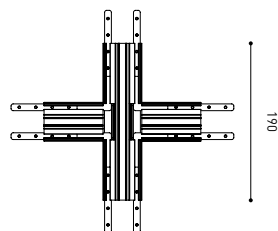
L-JOINT



T-JOINT

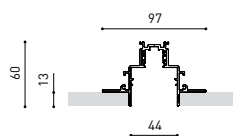


X-JOINT

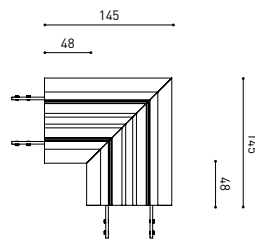


### Trimless

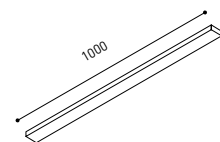
|                                 |                 |
|---------------------------------|-----------------|
| BLACK FOSTER Custom Trimless 1m | A458-01-00-   N |
| BLACK FOSTER Custom Trimless 2m | A458-02-00-   N |
| BLACK FOSTER Custom Trimless 3m | A458-03-00-   N |



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



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



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



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

Electrical connections are not included. Please choose the required components from the Connectors section.

Calle N, s/n - Pol. Ind. El Oliveral  
46394 Ribarroja del Turia-Valencia (Spain)  
info@arkoslight.com - www.arkoslight.com



## Complementary track accessories

Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

### Surface

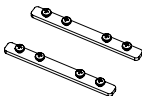
|                             |             |   |   |
|-----------------------------|-------------|---|---|
| BLACK FOSTER Custom Surface |             |   |   |
| End                         | A452-00-03- | N | W |



|                             |             |   |   |
|-----------------------------|-------------|---|---|
| BLACK FOSTER Custom Surface |             |   |   |
| End Feed                    | A452-00-04- | N | W |



|                             |            |  |  |
|-----------------------------|------------|--|--|
| BLACK FOSTER Custom Surface |            |  |  |
| Straight Joiner             | A452-00-05 |  |  |



### Trimless

|                                  |   |  |  |
|----------------------------------|---|--|--|
| 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.               |   |  |  |

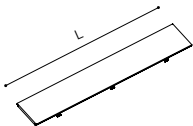


|                              |  |  |  |
|------------------------------|--|--|--|
| BLACK FOSTER Straight Joiner |  |  |  |
| A317-00-06                   |  |  |  |



### For all tracks

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

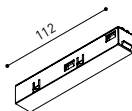


## Connector options

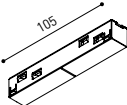
Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

### Surface

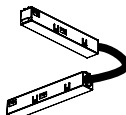
|                        |   |  |  |
|------------------------|---|--|--|
| Live-End Connector 48V |   |  |  |
| A338-00-01-            | N |  |  |



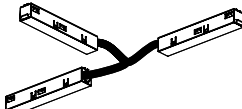
|                       |   |  |  |
|-----------------------|---|--|--|
| Central Connector 48V |   |  |  |
| A338-00-02-           | N |  |  |



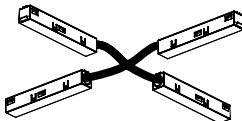
|                       |   |  |  |
|-----------------------|---|--|--|
| L-Joint Connector 48V |   |  |  |
| A338-00-12-           | N |  |  |



|                       |   |  |  |
|-----------------------|---|--|--|
| T-Joint Connector 48V |   |  |  |
| A450-00-07-           | N |  |  |

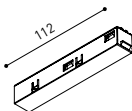


|                       |   |  |  |
|-----------------------|---|--|--|
| X-Joint Connector 48V |   |  |  |
| A450-00-08-           | N |  |  |

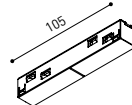


### Trimless

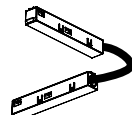
|                        |   |  |  |
|------------------------|---|--|--|
| Live-End Connector 48V |   |  |  |
| A338-00-01-            | N |  |  |



|                       |   |  |  |
|-----------------------|---|--|--|
| Central Connector 48V |   |  |  |
| A338-00-02-           | N |  |  |



|                       |   |  |  |
|-----------------------|---|--|--|
| L-Joint Connector 48V |   |  |  |
| A338-00-12-           | N |  |  |



COLOUR | N ■ RAL 9005 | W □ RAL 9016

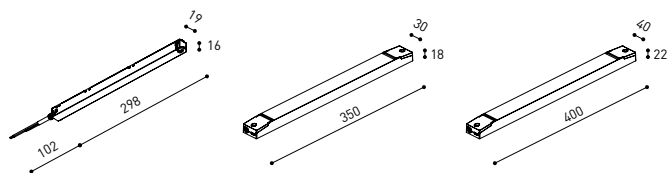
## Power Supply Options

Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

### For all tracks

| Constant Voltage<br>LED POWER SUPPLY | P    | V   | D (A x B x C)   |
|--------------------------------------|------|-----|-----------------|
| 0434-01-61*   N                      | 100W | 48V | 298 x 19 x 16mm |
| 0434-01-62                           | 150W | 48V | 350 x 30 x 18mm |
| 0434-01-80                           | 250W | 48V | 400 x 40 x 22mm |

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

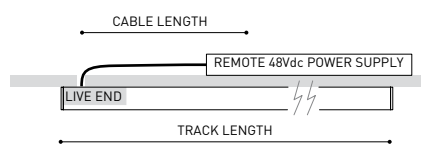


DROP VOLTAGE TABLE

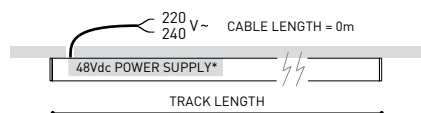
| POWER (W) | CABLE SECTION (mm²) | CABLE LENGTH (m) |    |    |    |
|-----------|---------------------|------------------|----|----|----|
|           |                     | 5                | 10 | 20 | 30 |
|           |                     | TRACK LENGTH (m) |    |    |    |
| 100       | 0,75                | 50               | 50 | X  | X  |
|           | 1,5                 | 50               | 50 | 40 | 25 |
| 150       | 0,75                | 40               | 15 | X  | X  |
|           | 1,5                 | 50               | 40 | 20 | X  |
| 250       | 0,75                | 20               | X  | X  | X  |
|           | 1,5                 | 35               | 20 | X  | X  |

## Connection diagrams:

### Surface

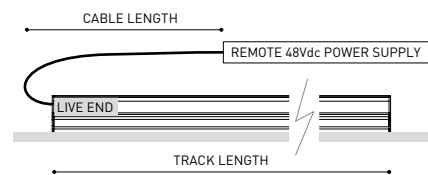


Remote driver installation

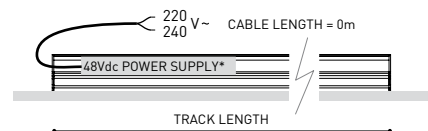


Integrated driver installation

### Trimless

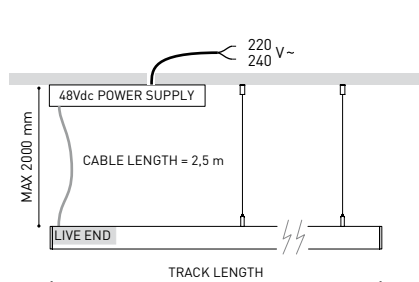


Remote driver installation

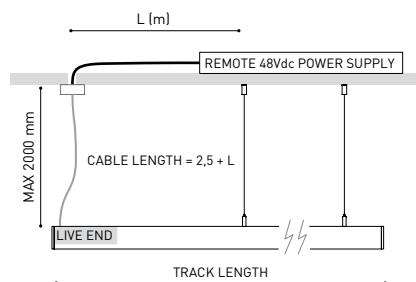


Integrated driver installation

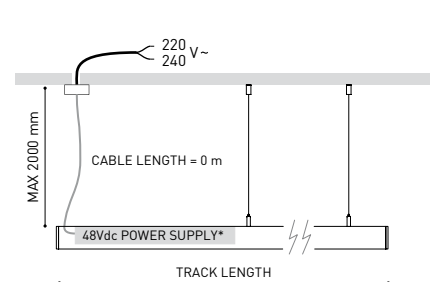
## Suspension



Aside box



Remote driver installation



Integrated driver installation

COLOUR | N ■ RAL 9005 |

## Other accessories

### Suspension components

For a suspended configuration, use surface components together with the following accessories:

#### Black Foster Suspension Kit (2 units)

A450-00-09- | NT | WT |

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



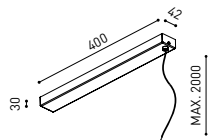
For aside box installation replace the power supply:

#### Wired Power Supply Case 48V

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

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

220  
240 V~  
INCL



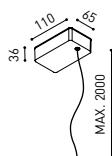
Required for remote or integrated driver installation:

#### Suspension Feed Kit 48V

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

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

For remote power supply



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

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

For power supply inside the track

### Wire trimless accessories

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

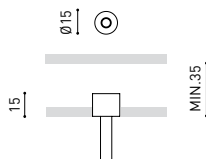
#### FEED

##### Mains Trimless\*

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

##### Mains Thick Trimless\*

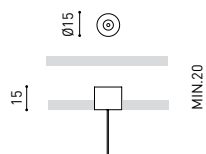
A023-00-02- | W | N | DIM



#### FASTENING

##### Steel Cable Trimless\*

A023-00-05- | W | N |



\* As many pieces as needed ACCORDING to your product

### Trimless mounting accessories

These accessories offer different options for installing trimless track systems according to ceiling type and project needs.

#### Track Fixation Kit

A219-21-06- | B |



#### Track Flush Ceiling Kit

A219-22-06- | B |



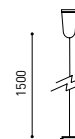
#### Track Clamp Kit for M6 ROD

A219-21-21- | B |



#### Track Suspension Kit

A219-21-10- | B |

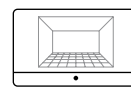


#### SUGGESTED MOUNTING ACCESSORIES QUANTITIES

1000 mm - 2 Pcs  
2000 mm - 2 Pcs  
3000 mm - 3 Pcs

#### TRIMLESS INSTALLATION GUIDE

<https://youtu.be/tgGsQdaYe-w>



#### PRODUCT CONFIGURATOR

Use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories.

[Start your configuration →](#)

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



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

## Instrucciones para el final de vida y la eliminación de los componentes:

### Instructions on end-of-life and component disposal:

### Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

### Istruzioni per il fine vita e lo smaltimento dei componenti:

### Anweisungen zur entsorgung der Leuchtenkomponenten:



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



Quitar la(s) fuente(s) de luz para el desecho  
Remove light source(s) for disposal  
Retirer la (les) source(s) lumineuse(s) pour l'élimination  
Rimuovere la/le sorgente/e di luce per lo smaltimento  
Lichtquelle(n) zur Entsorgung entfernen



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



Quitar el equipo de control para el desecho  
Remove control gear for disposal  
Retirer le dispositif de commande pour l'élimination  
Rimuovere l'alimentatore per lo smaltimento  
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE  
Send the materials to a WEEE collection centre  
Envoyer les matériaux dans une déchetterie DEEE  
Inviare i materiali ad un centro di raccolta RAEE  
Die Materialien in einem WEEE-Zentrum entsorgen

