



## DIMENSIONS



## ACCESSOIRES

CUSTOM & MOUNTING  
ACCESSORIES

## PRODUIT

|           |                                                   |
|-----------|---------------------------------------------------|
| Nom       | BLACK FOSTER CUSTOM MODULE FIT 27 MEDIUM 3500K NT |
| Référence | A4540123NT                                        |
| Coleur    | Noir Texturé                                      |
| RAL       | 9005                                              |
| Catégorie | CUSTOM SYSTEMS                                    |

## SOURCE DE LUMIÈRE

|                                    |                   |
|------------------------------------|-------------------|
| Type                               | LED               |
| Flux lumineux brut                 | 560 lm            |
| Température de couleur             | 3500 K            |
| Stabilité chromatique              | MacAdam Step 2    |
| Indice de reproduction chromatique | CRI > 90          |
| Puissance                          | 5,5 W             |
| Efficacité                         | 102 lm/W          |
| Durée de vie de la LED             | L90B10 > 108.000h |

## LUMINAIRE | DONNÉES PHOTOMÉTRIQUES

|                            |     |
|----------------------------|-----|
| Efficacité lumineuse       | 82% |
| Angle du faisceau lumineux | 31° |

## LUMINAIRE | DONNÉES ÉLECTRIQUES

|                                 |         |
|---------------------------------|---------|
| Driver                          | Inclus  |
| Valeurs de puissance du système | 6,32 W  |
| Tension                         | 48Vdc   |
| Variation d'intensité           | Non Dim |
| Classe d'isolation électrique   | III     |

## 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                | 160 g                     |
| Poids avec emballage | 222 g                     |
| Unités par emballage | 1                         |
| Matériaux            | Aluminium / Polycarbonate |



Fit 27 est un projecteur pour le système Black Foster. De géométrie cylindrique et de formes essentielles, il se distingue par son minimalisme esthétique et sa fonctionnalité, car il peut être orienté dans toutes les directions. Le périmètre de sa bouche en noir accentue sa vocation anti-éblouissante.

DIAGRAMME POLAIRE

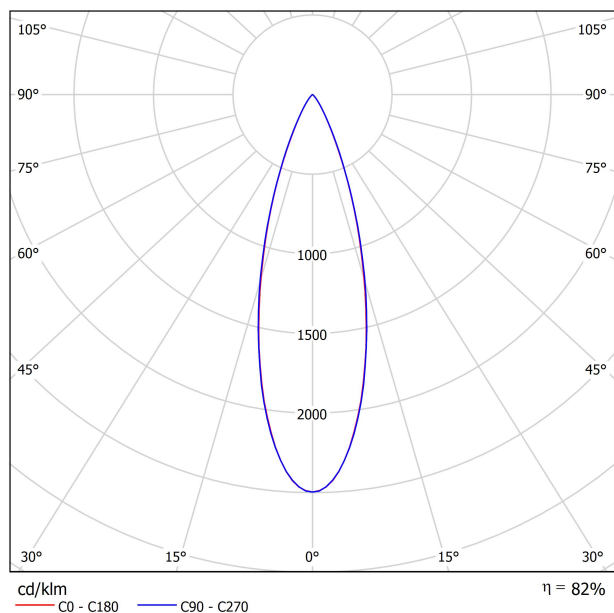
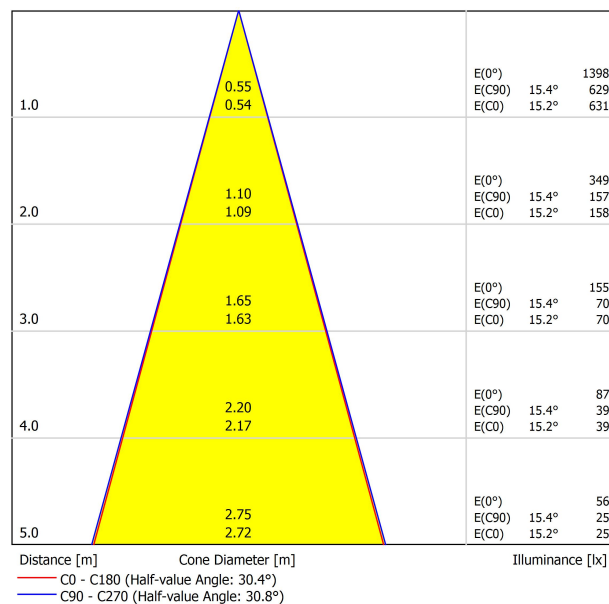


DIAGRAMME CONIQUE



UGR

| Glare Evaluation According to UGR                              |                                                                  |                                                   |     |     |     |     |                                               |     |     |     |     |
|----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|-----------------------------------------------|-----|-----|-----|-----|
| $\rho$ Ceiling                                                 | 70                                                               | 70                                                | 50  | 50  | 30  | 70  | 70                                            | 50  | 50  | 30  | 30  |
| $\rho$ Walls                                                   | 50                                                               | 30                                                | 50  | 30  | 30  | 50  | 30                                            | 50  | 30  | 30  | 30  |
| $\rho$ Floor                                                   | 20                                                               | 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                                                               | 2.9                                               | 3.6 | 3.2 | 3.8 | 4.0 | 3.2                                           | 3.9 | 3.5 | 4.1 | 4.3 |
|                                                                | 3H                                                               | 2.8                                               | 3.4 | 3.1 | 3.6 | 3.8 | 3.1                                           | 3.7 | 3.4 | 3.9 | 4.2 |
|                                                                | 4H                                                               | 2.7                                               | 3.3 | 3.0 | 3.5 | 3.8 | 3.0                                           | 3.6 | 3.3 | 3.8 | 4.1 |
|                                                                | 6H                                                               | 2.6                                               | 3.2 | 3.0 | 3.4 | 3.7 | 3.0                                           | 3.5 | 3.3 | 3.8 | 4.0 |
|                                                                | 8H                                                               | 2.6                                               | 3.1 | 2.9 | 3.4 | 3.7 | 2.9                                           | 3.4 | 3.3 | 3.7 | 4.0 |
| 4H                                                             | 12H                                                              | 2.6                                               | 3.0 | 2.9 | 3.3 | 3.6 | 2.9                                           | 3.4 | 3.2 | 3.7 | 4.0 |
|                                                                | 2H                                                               | 2.7                                               | 3.3 | 3.0 | 3.5 | 3.8 | 3.0                                           | 3.6 | 3.3 | 3.8 | 4.1 |
|                                                                | 3H                                                               | 2.6                                               | 3.0 | 2.9 | 3.3 | 3.6 | 2.9                                           | 3.4 | 3.2 | 3.7 | 4.0 |
|                                                                | 4H                                                               | 2.5                                               | 2.9 | 2.9 | 3.2 | 3.6 | 2.8                                           | 3.2 | 3.2 | 3.5 | 3.9 |
|                                                                | 6H                                                               | 2.4                                               | 2.8 | 2.8 | 3.1 | 3.5 | 2.7                                           | 3.1 | 3.1 | 3.4 | 3.8 |
| 8H                                                             | 8H                                                               | 2.4                                               | 2.7 | 2.8 | 3.1 | 3.5 | 2.7                                           | 3.0 | 3.1 | 3.4 | 3.8 |
|                                                                | 12H                                                              | 2.3                                               | 2.6 | 2.8 | 3.0 | 3.4 | 2.7                                           | 2.9 | 3.1 | 3.3 | 3.7 |
|                                                                | 4H                                                               | 2.4                                               | 2.7 | 2.8 | 3.1 | 3.5 | 2.7                                           | 3.0 | 3.1 | 3.4 | 3.8 |
|                                                                | 6H                                                               | 2.3                                               | 2.5 | 2.7 | 2.9 | 3.4 | 2.6                                           | 2.8 | 3.1 | 3.3 | 3.7 |
|                                                                | 8H                                                               | 2.2                                               | 2.4 | 2.7 | 2.9 | 3.3 | 2.6                                           | 2.7 | 3.0 | 3.2 | 3.7 |
| 12H                                                            | 12H                                                              | 2.2                                               | 2.3 | 2.7 | 2.8 | 3.3 | 2.5                                           | 2.7 | 3.0 | 3.1 | 3.6 |
|                                                                | 4H                                                               | 2.3                                               | 2.6 | 2.8 | 3.0 | 3.4 | 2.7                                           | 2.9 | 3.1 | 3.3 | 3.7 |
|                                                                | 6H                                                               | 2.2                                               | 2.4 | 2.7 | 2.9 | 3.3 | 2.6                                           | 2.7 | 3.0 | 3.2 | 3.7 |
|                                                                | 8H                                                               | 2.2                                               | 2.3 | 2.7 | 2.8 | 3.3 | 2.5                                           | 2.7 | 3.0 | 3.1 | 3.6 |
|                                                                | Variation of the observer position for the luminaire distances S |                                                   |     |     |     |     |                                               |     |     |     |     |
| S = 1.0H<br>S = 1.5H<br>S = 2.0H                               |                                                                  | +5.0 / -10.8<br>+7.7 / -100.5<br>+9.7 / -98.5     |     |     |     |     | +5.0 / -10.6<br>+7.7 / -100.7<br>+9.7 / -98.7 |     |     |     |     |
| Standard table                                                 |                                                                  | BK00                                              |     |     |     |     | BK00                                          |     |     |     |     |
| Correction<br>Summand                                          |                                                                  | -0.7                                              |     |     |     |     | -0.5                                          |     |     |     |     |
| Corrected Glare Indices referring to 560lm 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 |

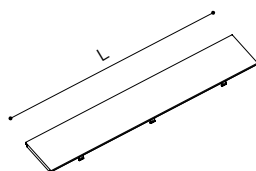


|                                     |                       |
|-------------------------------------|-----------------------|
| BLACK FOSTER Custom Surface L-Joint | A452-04-00-   NT   WT |
| BLACK FOSTER Custom Surface T-Joint | A452-05-00-   NT   WT |
| BLACK FOSTER Custom Surface X-Joint | A452-06-00-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

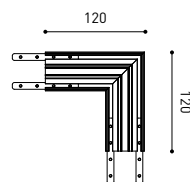


DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION [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



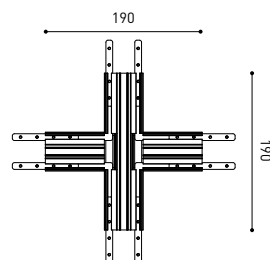
Electrical connection not included

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

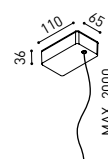


### Suspension Feed Kit 48V

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 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 ■

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

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



**5Year**  
GUARANTEE

# 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 □ |

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

**5Year**  
 GUARANTEE



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

