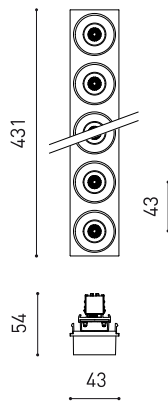


# Black Foster Custom Module

# ARKOSLIGHT



## Dimensions



## Accessoires



CUSTOM & MOUNTING  
ACCESSORIES

## Prix



## PRODUIT

Nom	BLACK FOSTER CUSTOM MODULE 10 FLOOD 3500K NMG
Référence	A4535013NMG
Couleur	Noir-Or métallique
RAL	Finition métallique
Catégorie	CUSTOM SYSTEMS

## SOURCE DE LUMIÈRE

Type	LED
Flux lumineux brut	2300 lm
Température de couleur	3500 K
Stabilité chromatique	MacAdam Step 3
Indice de reproduction chromatique	CRI > 90
Puissance	21 W
Efficacité	110 lm/W
Durée de vie de la LED	L90B10 > 102.000h
Classe d'efficacité énergétique	F

## LUMINAIRE | DONNÉS PHOTOMÉTRIQUES

Efficacité lumineuse	92%
Angle du faisceau lumineux	38°

## LUMINAIRE | DONNÉS ÉLECTRIQUES

Driver	Inclus
Valeurs de puissance du système	22,20 W
Tension	48Vdc
Variation d'intensité	Non Dim
Classe d'isolation électrique	II

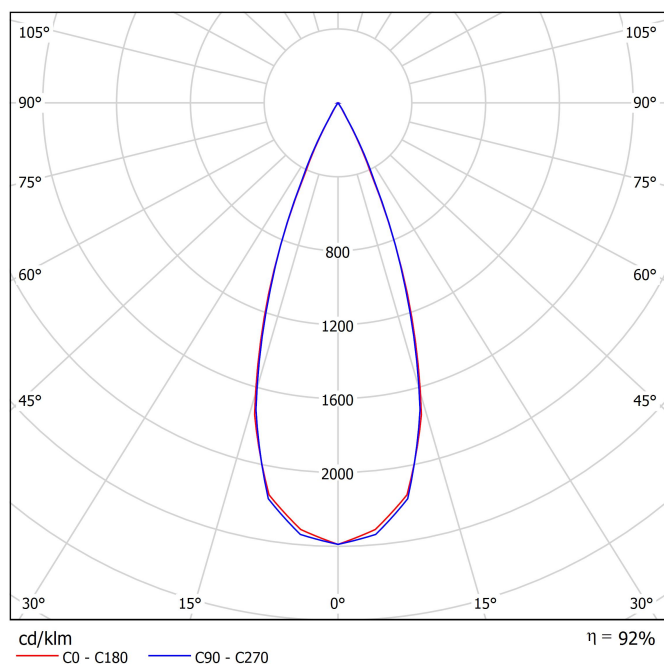
## D'AUTRES DONNÉES

Étanchéité	IP20
Contrôle sans fil	Veuillez consulter
Type de rail	Black Foster Track
Poids	300 g
Poids avec emballage	405 g
Unités par emballage	1
Matériaux	Aluminium / Acrylonitrile Butadiène Styrène / Polycarbonate

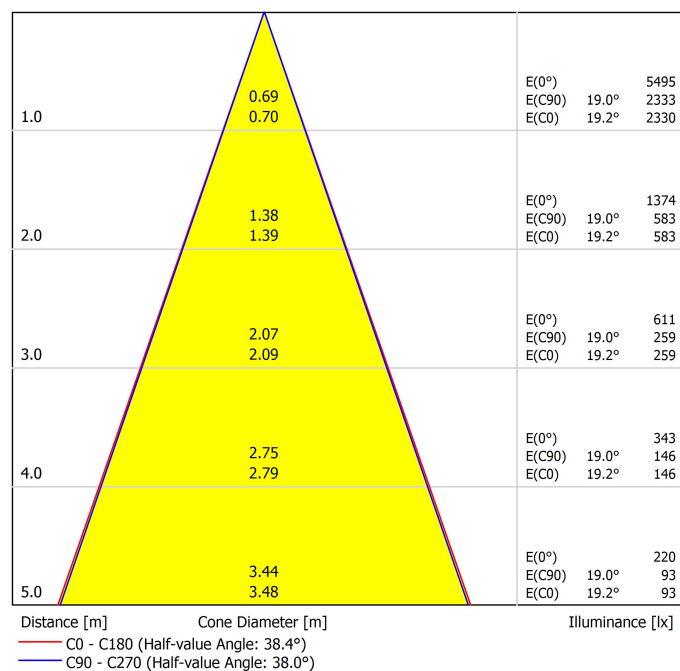


Black Foster est le luminaire qui transfère l'effet acclamé de « The Invisible Black » à un système linéaire. Black Foster est composé d'une série de modules combinables qui permet d'alterner dans le luminaire des segments avec émission de lumière et d'autres sans lumière. Cependant, aussi bien allumé 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

Glare Evaluation According to UGR											
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-13.2	-12.5	-12.9	-12.3	-12.1	-14.0	-13.4	-13.8	-13.2	-13.0
	3H	-6.8	-6.3	-6.6	-6.0	-5.8	-6.7	-6.1	-6.4	-5.9	-5.7
	4H	-3.3	-2.8	-3.0	-2.5	-2.3	-2.8	-2.2	-2.5	-2.0	-1.7
	6H	0.3	0.8	0.6	1.1	1.4	0.7	1.2	1.0	1.5	1.7
	8H	2.2	2.6	2.5	2.9	3.2	2.5	3.0	2.8	3.2	3.5
4H	12H	4.1	4.6	4.5	4.9	5.2	4.5	5.0	4.8	5.3	5.6
	2H	-10.6	-10.0	-10.3	-9.8	-9.5	-11.0	-10.4	-10.7	-10.2	-9.9
	3H	-4.6	-4.2	-4.3	-3.9	-3.5	-4.4	-4.0	-4.1	-3.7	-3.4
	4H	-1.2	-0.8	-0.8	-0.5	-0.1	-0.8	-0.4	-0.4	-0.0	0.3
	6H	2.4	2.7	2.8	3.1	3.4	2.7	3.0	3.1	3.4	3.7
8H	8H	4.2	4.5	4.7	4.9	5.3	4.5	4.8	4.9	5.2	5.6
	12H	6.3	6.5	6.7	6.9	7.3	6.6	6.8	7.0	7.2	7.7
	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7
	6H	4.0	4.2	4.4	4.6	5.1	4.2	4.4	4.6	4.8	5.3
	8H	6.0	6.1	6.4	6.6	7.0	6.2	6.3	6.6	6.8	7.2
12H	12H	8.1	8.3	8.6	8.7	9.2	8.4	8.5	8.9	9.0	9.5
	4H	0.9	1.1	1.3	1.5	1.9	1.1	1.3	1.5	1.7	2.2
	6H	4.6	4.8	5.0	5.2	5.7	4.7	4.9	5.2	5.4	5.8
8H	6.7	6.8	7.1	7.3	7.8	6.8	7.0	7.3	7.4	7.9	
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.9 / -0.3					+1.3 / -0.4				
S = 1.5H		+1.9 / -0.6					+2.7 / -0.7				
S = 2.0H		+3.1 / -0.8					+4.2 / -1.0				
Standard table		---					---				
Correction		---					---				
Summand		---					---				
Corrected Glare Indices referring to 2300lm Total Luminous Flux											

# 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.

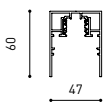


## Track Options

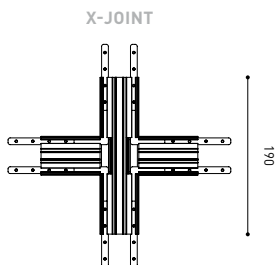
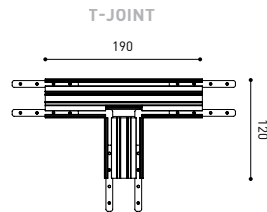
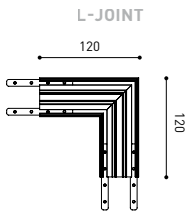
Choose the track version required for your project configuration.

### 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

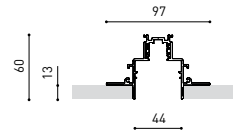


BLACK FOSTER Custom Surface L-Joint	A452-04-00-   NT   WT
BLACK FOSTER Custom Surface T-Joint	A452-05-00-   NT   WT
BLACK FOSTER Custom Surface X-Joint	A452-06-00-   NT   WT

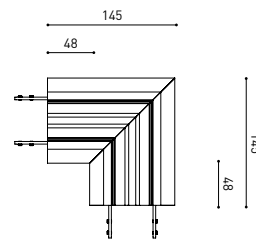


### Trimless

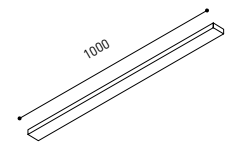
BLACK FOSTER Custom Trimless 1m	A458-01-00-   N
BLACK FOSTER Custom Trimless 2m	A458-02-00-   N
BLACK FOSTER Custom Trimless 3m	A458-03-00-   N



BLACK FOSTER Custom Trimless L-Joint	A458-04-00-   N
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BLACK FOSTER Custom Trimless Plaster Installation Guard 1m	A458-05-00
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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.



## Complementary track accessories

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

### Surface

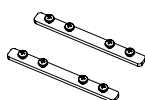
BLACK FOSTER Custom Surface	
End	A452-00-03-   N   W



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.	

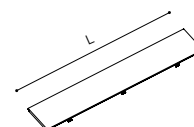


BLACK FOSTER Straight Joiner	
A317-00-06	



### 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

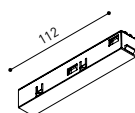


## Connector options

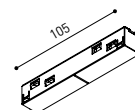
Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

### Surface

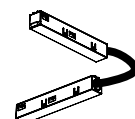
Live-End Connector 48V	
A338-00-01-   N	



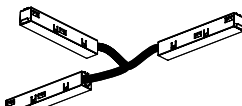
Central Connector 48V	
A338-00-02-   N	



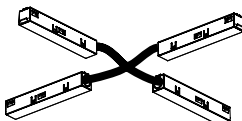
L-Joint Connector 48V	
A338-00-12-   N	



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

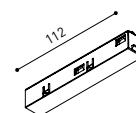


X-Joint Connector 48V	
A450-00-08-   N	

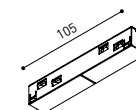


### Trimless

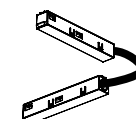
Live-End Connector 48V	
A338-00-01-   N	



Central Connector 48V	
A338-00-02-   N	



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



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

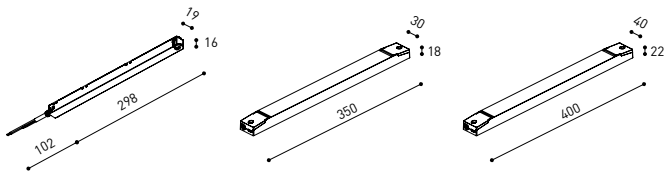
## Power Supply Options

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

### For all tracks

Constant Voltage 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.

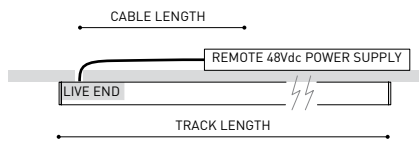


DROP VOLTAGE TABLE

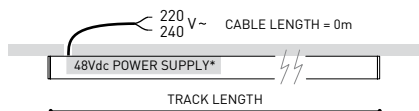
POWER (W)	CABLE SECTION (mm <sup>2</sup> )	CABLE LENGTH (m)			
		5	10	20	30
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

## Connection diagrams:

### Surface

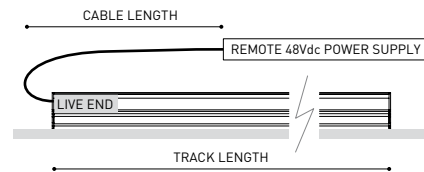


Remote driver installation

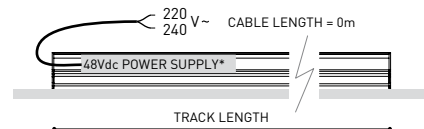


Integrated driver installation

### Trimless

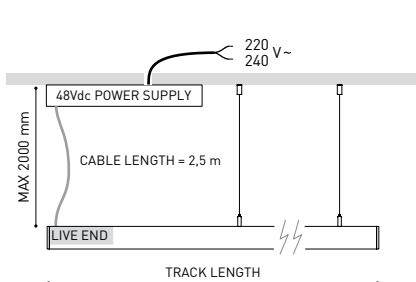


Remote driver installation

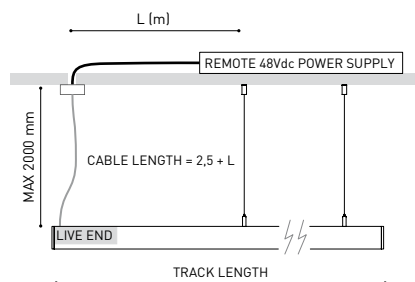


Integrated driver installation

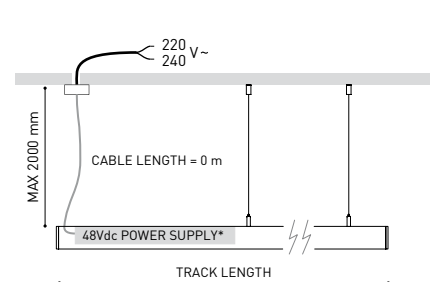
## Suspension



Aside box



Remote driver installation



Integrated driver installation

COLOUR | N ■ RAL 9005 |

## Other accessories

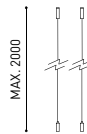
### Suspension components

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.

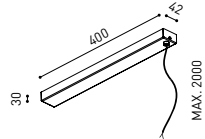
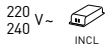


For aside box installation replace the power supply:

#### Wired Power Supply Case 48V

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

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



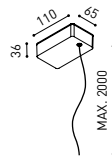
Required for remote or integrated driver installation:

#### 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.

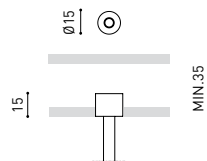
#### FEED

##### Mains Trimless\*

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

Mains Thick Trimless\*

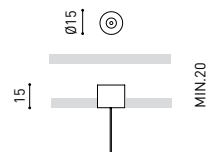
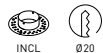
A023-00-02- | W | N | DIM



#### 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.

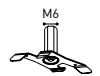
Track Fixation Kit A219-21-06- | B |



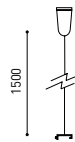
Track Flush Ceiling Kit A219-22-06- | B |



Track Clamp Kit for M6 ROD A219-21-21- | B |



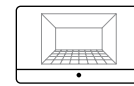
Track Suspension Kit A219-21-10- | B |



#### SUGGESTED MOUNTING ACCESSORIES QUANTITIES

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

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

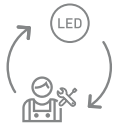


#### PRODUCT CONFIGURATOR

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

