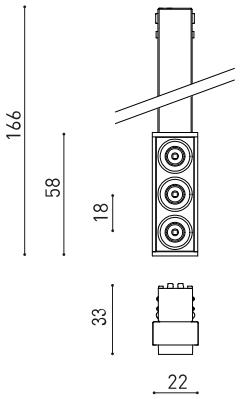
Black Foster Micro Custom Surface

ARKOSLIGHT

Dimensions



Accessoires

CUSTOM & MOUNTING ACCESSORIES

Prix

	PRODUIT
Nom	BLACK FOSTER MICRO CUSTOM MODULE 3 DIM DALI 3000K N
Référence	A4511021N
Couleur	Noir
RAL	9005
Catégorie	CUSTOM SYSTEMS
	SOURCE DE LUMIÈRE
Type	LED
Flux lumineux brut	480 lm
Température de couleur	3000 K
Stabilité chromatique	MacAdam Step 3
Indice de reproduction chromatique	CRI>90
Puissance	4,2 W
Courant	500 mA
Efficacité	114 lm/W
Durée de vie de la LED	L90B10 >60.000h
Classe d'efficacité énergétique	F
	LUMINAIRE | DONNÉS PHOTOMÉTRIQUES
Efficacité lumineuse	87%
Angle du faisceau lumineux	37°
UGR	< 19
	LUMINAIRE | DONNÉS ÉLECTRIQUES
Valeurs de puissance du système	5,26 W
Tension	48Vdc
Variation d'intensité	DALI
Classe d'isolation électrique	II
	D'AUTRES DONNÉES
Étanchéité	IP20
Contrôle sans fil	Veuillez consulter
Type de rail	Black Foster Micro Surface Track
Poids	50 g
Poids avec emballage	85 g
Dimensions de l'emballage	220 x 48 x 49 mm
Unités par emballage	1
Matériaux	Aluminium / Acrylonitrile Butadiè Styrènene / Polycarbonate

CE

Black Foster Micro est une prouesse de l'ingénierie qui transmet le célèbre effet « The Invisible Black » à un luminaire extrêmement réduit. Sa taille réduite et son cadre très fin offrent une esthétique de « trimless visuel » qui se combine avec une présence presque imperceptible grâce à ses dimensions compactes. Black Foster Micro est destiné à l'éclairage général ou ciblé et peut être mis en œuvre dans des projets qui visent à minimiser l'importance de l'éclairage au plafond.

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
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Informations luminotechniques

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Diagramme polaire

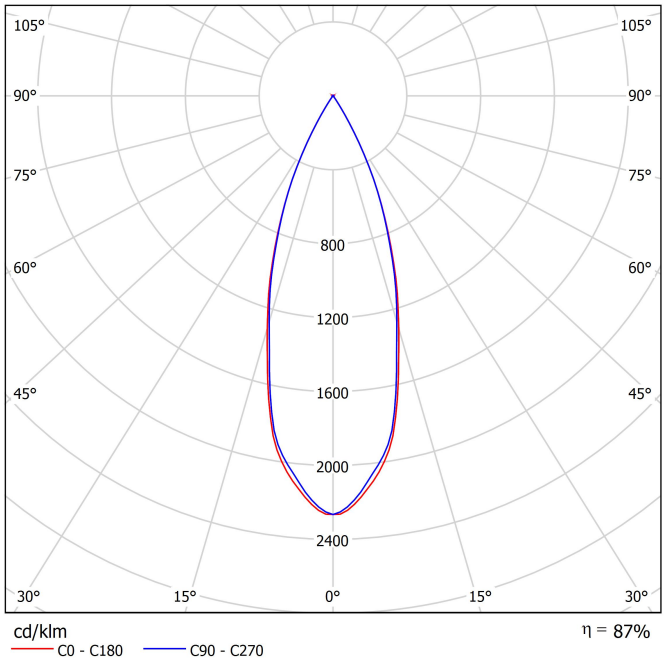
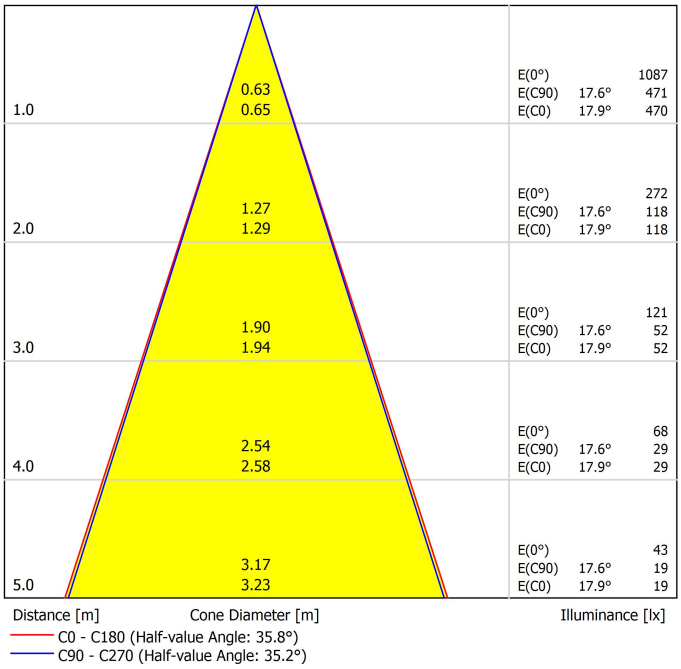


Diagramme conique



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 X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-3.0	-2.3	-2.7	-2.1	-2.0	-3.7	-3.0	-3.4	-2.8	-2.7
	3H	0.1	0.7	0.4	0.9	1.1	-0.5	0.1	-0.2	0.3	0.6
	4H	1.9	2.4	2.2	2.7	2.9	1.4	1.9	1.7	2.2	2.4
	6H	4.3	4.8	4.6	5.1	5.4	3.2	3.7	3.5	4.0	4.3
	8H	5.3	5.8	5.6	6.1	6.4	4.3	4.8	4.6	5.1	5.4
	12H	6.6	7.1	7.0	7.4	7.7	5.7	6.2	6.0	6.5	6.8
4H	2H	-2.4	-1.8	-2.1	-1.6	-1.3	-2.9	-2.4	-2.6	-2.1	-1.9
	3H	1.1	1.5	1.4	1.8	2.1	0.6	1.0	0.9	1.3	1.6
	4H	3.1	3.5	3.5	3.8	4.2	2.6	2.9	2.9	3.3	3.6
	6H	5.8	6.1	6.2	6.5	6.9	4.7	5.1	5.1	5.4	5.8
	8H	6.9	7.2	7.3	7.6	8.0	5.9	6.2	6.3	6.6	7.0
	12H	8.4	8.6	8.8	9.0	9.4	7.5	7.7	7.9	8.1	8.6
8H	4H	3.9	4.2	4.3	4.5	4.9	3.4	3.7	3.8	4.1	4.5
	6H	6.7	6.9	7.2	7.4	7.8	5.9	6.1	6.4	6.5	7.0
	8H	8.0	8.2	8.5	8.6	9.1	7.2	7.4	7.7	7.9	8.3
	12H	9.7	9.8	10.2	10.3	10.8	9.0	9.1	9.5	9.6	10.1
12H	4H	4.1	4.3	4.5	4.7	5.2	3.7	4.0	4.1	4.4	4.8
	6H	7.0	7.2	7.5	7.6	8.1	6.3	6.4	6.7	6.9	7.4
	8H	8.4	8.6	8.9	9.0	9.5	7.7	7.9	8.2	8.3	8.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+4.7 / -2.2					+4.9 / -2.4				
S = 1.5H		+7.4 / -2.5					+7.6 / -2.7				
S = 2.0H		+9.4 / -2.8					+9.7 / -3.4				
Standard table		---					---				
Correction Summand		---					---				
Corrected Glare Indices referring to 480lm Total Luminous Flux											

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

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Black Foster Micro Custom System components

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

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

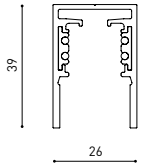
1. Tracks – Available in surface or suspended version (using suspension accessories with the surface track), they form the structural and electrical base of the system.

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.

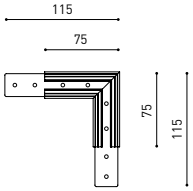
Track Options

Choose the track version required for your project configuration.

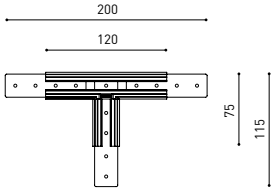


BLACK FOSTER Micro Custom Surface 1m	A450-01-00-	NT	WT	
BLACK FOSTER Micro Custom Surface 2m	A450-02-00-	NT	WT	
BLACK FOSTER Micro Custom Surface 3m	A450-03-00-	NT	WT	

L-JOINT

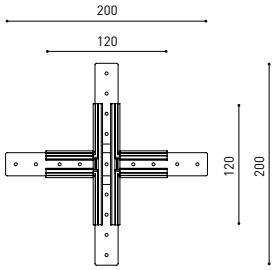


T-JOINT



BLACK FOSTER Micro Custom Surface L-Joint	A450-04-00-	NT	WT	
BLACK FOSTER Micro Custom Surface T-Joint	A450-05-00-	NT	WT	
BLACK FOSTER Micro Custom Surface X-Joint	A450-06-00-	NT	WT	

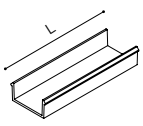
X-JOINT



Complementary track accessories

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

			L
BLACK FOSTER Micro Custom Cover Gap 250	A450-00-01-	N	250mm
BLACK FOSTER Micro Custom Cover Gap 500	A450-00-02-	N	500mm
BLACK FOSTER Micro Custom Cover Gap 1000	A450-00-03-	N	1000mm



BLACK FOSTER Micro Custom Surface End	A450-00-04-	N	W

BLACK FOSTER Micro Custom Surface End Feed	A450-00-05-	N	W

BLACK FOSTER Micro Custom Surface Straight Joiner	A450-00-06

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

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

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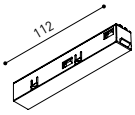
Black Foster Micro Custom System components ARKOSLIGHT

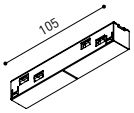
Connector options

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

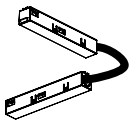
Live-End Connector 48V
A338-00-01- | N |



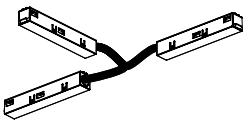
Central Connector 48V
A338-00-02- | N |



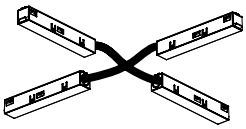
L-Joint Connector 48V
A338-00-12- | N |



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



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

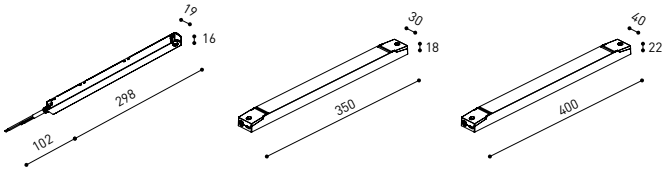


Power Supply Options

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

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

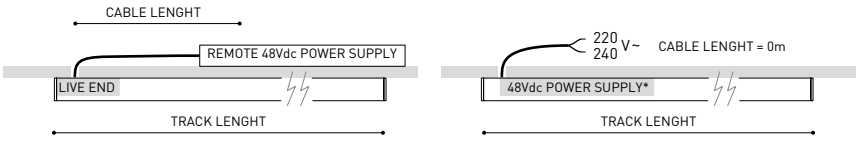
220 240 V~ | *To be installed inside the track.

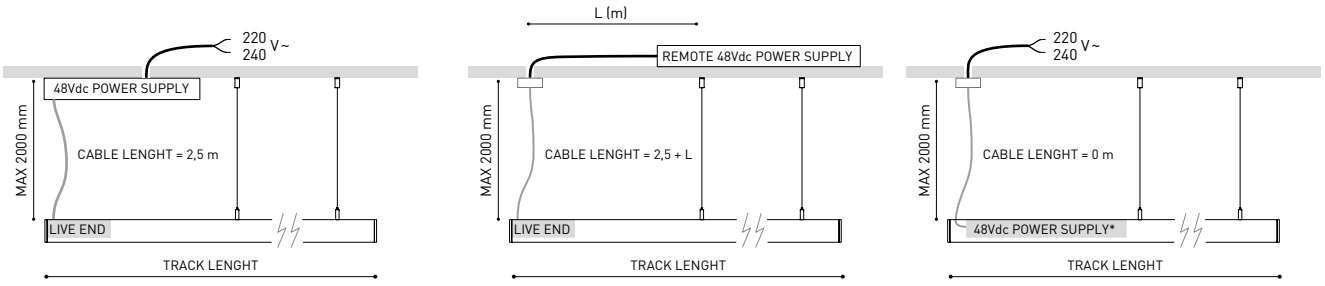


DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (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:





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

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

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Black Foster Micro Custom System components ARKOSLIGHT

Other accessories

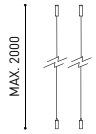
Suspension components

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.



Required for remote or integrated driver installation:

Suspension Feed Kit 48V

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

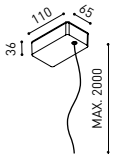
A338-00-17- | **N** | **W** | DIM

For remote power supply

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

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

For power supply inside the track



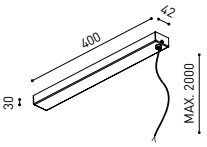
For aside box installation replace the power supply:

Wired Power Supply Case 48V

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

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

220
240 V~ INCL



Wire trimless accessories

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

FEED

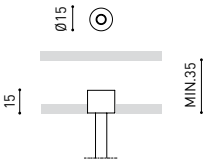
Mains Trimless*

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

Mains Thick Trimless*

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

REMOTE INCL Ø20

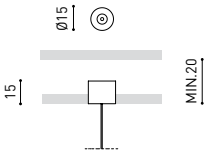


FASTENING

Steel Cable Trimless*

A023-00-05- | **W** | **N** |

INCL Ø20



* As many pieces as needed ACCORDING to your product

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 |

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

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Ecodesign and Energy Labelling

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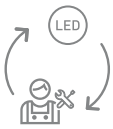


Fuente de luz (LED) reemplazable por un profesional autorizado

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

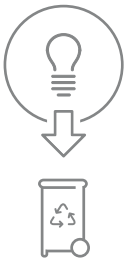
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

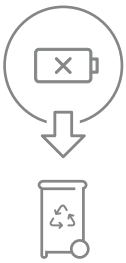
Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación 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:

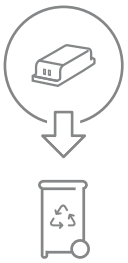
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

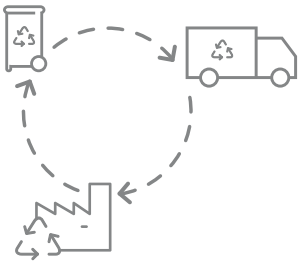


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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info@arkoslight.com - www.arkoslight.com