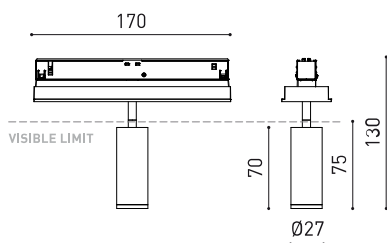


GRÖÖE



ZUBEHÖR



CUSTOM & MOUNTING
ACCESSORIES

PRODUKT

Name	BLACK FOSTER CUSTOM MODULE FIT 27 SPOT 3500K NT
Artikelnummer	A4540113NT
Farbe	Schwarz strukturiert
RAL	9005
Kategorie	CUSTOM SYSTEMS

LICHTQUELLE

Typ	LED
Bruttolichtstrom	560 lm
Farbtemperatur	3500 K
Farbstabilität	MacAdam Step 2
Farbwiedergabeindex	CRI > 90
Leistung	5,5 W
Lichtausbeute	102 lm/W
Nutzlebensdauer der LED in Betriebsstunden	L90B10 > 108.000h

LEUCHTE | PHOTOMETRISCHE DATEN

Leuchtenwirkungsgrad (LOR)	84%
Abstrahlwinkel	18°

LEUCHTE | ELEKTRISCHE DATEN

Driver	Inklusiv
Leistungswerte des Systems	6,32 W
Spannung	48Vdc
Helligkeitssteuerung	No Dim
Schutzklasse	II

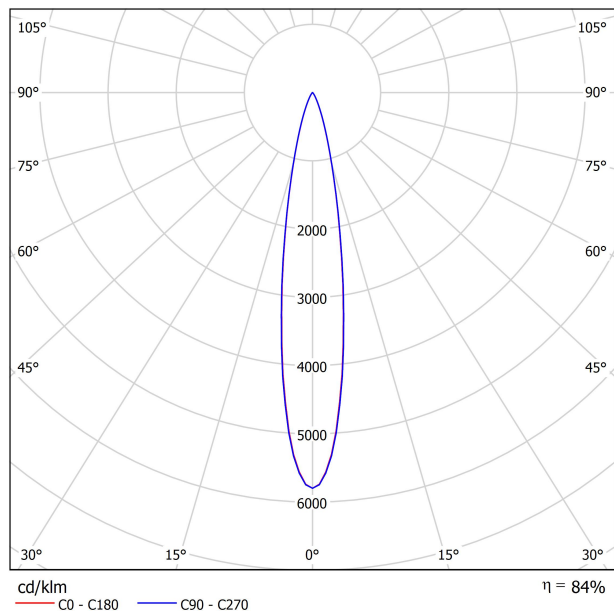
ANDERE DATEN

Dichtigkeit	IP20
Wireless control	Bitte anfragen
Schwenkwinkel	90°
Drehwinkel	360°
Schientyp	Black Foster Track
Gewicht	160 g
Gewicht inkl. Verpackung	222 g
Stück pro Verpackung	1
Materialien	Aluminium / Polycarbonat

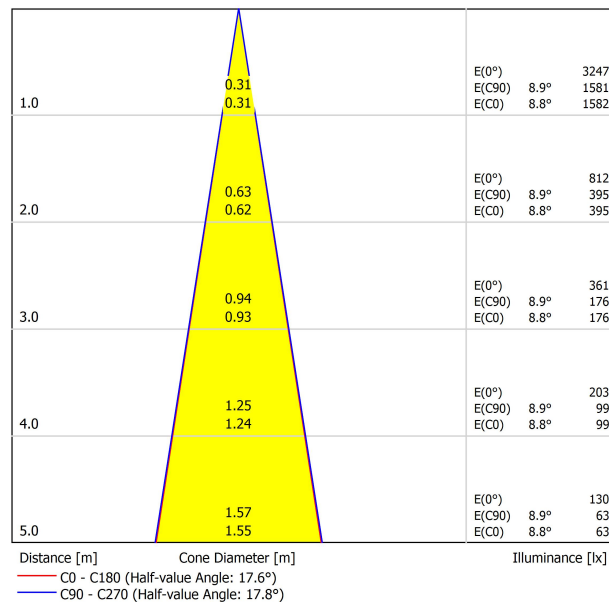


Fit 27 ist ein Strahler für das Black Foster Surface System. Die zylindrische Geometrie und die wesentlichen Formen zeichnen sich durch ästhetischen Minimalismus und Funktionalität aus, da sie in alle Richtungen ausgerichtet werden können. Der Umfang des Randes in Schwarz betont seine blendfreie Berufung.

POLAR-KOORDINATEN DIAGRAMM



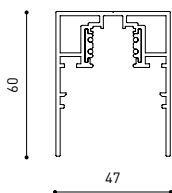
KEGELDIAGRAMM



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	-9.9	-9.3	-9.7	-9.1	-8.9	-6.3	-5.7	-6.1	-5.5	-5.3
	3H	-10.1	-9.5	-9.8	-9.3	-9.0	-6.4	-5.9	-6.2	-5.6	-5.4
	4H	-10.1	-9.6	-9.8	-9.3	-9.1	-6.5	-6.0	-6.2	-5.7	-5.5
	6H	-10.2	-9.7	-9.9	-9.4	-9.1	-6.6	-6.1	-6.3	-5.8	-5.5
	8H	-10.2	-9.8	-9.9	-9.5	-9.2	-6.6	-6.1	-6.3	-5.9	-5.6
	12H	-10.3	-9.8	-9.9	-9.5	-9.2	-6.7	-6.2	-6.3	-5.9	-5.6
4H	2H	-10.1	-9.6	-9.8	-9.3	-9.1	-6.5	-6.0	-6.2	-5.7	-5.5
	3H	-10.3	-9.8	-9.9	-9.5	-9.2	-6.7	-6.2	-6.3	-5.9	-5.6
	4H	-10.4	-10.0	-10.0	-9.6	-9.3	-6.7	-6.3	-6.4	-6.0	-5.7
	6H	-10.4	-10.1	-10.0	-9.7	-9.4	-6.8	-6.5	-6.4	-6.1	-5.7
	8H	-10.5	-10.2	-10.1	-9.8	-9.4	-6.8	-6.6	-6.4	-6.2	-5.8
	12H	-10.5	-10.3	-10.1	-9.9	-9.4	-6.9	-6.6	-6.5	-6.2	-5.8
8H	4H	-10.5	-10.2	-10.1	-9.8	-9.4	-6.8	-6.6	-6.4	-6.2	-5.8
	6H	-10.6	-10.3	-10.1	-9.9	-9.5	-6.9	-6.7	-6.5	-6.3	-5.9
	8H	-10.6	-10.4	-10.1	-10.0	-9.5	-7.0	-6.8	-6.5	-6.4	-5.9
	12H	-10.7	-10.5	-10.2	-10.1	-9.6	-7.0	-6.9	-6.6	-6.4	-5.9
12H	4H	-10.5	-10.3	-10.1	-9.9	-9.4	-6.9	-6.6	-6.5	-6.2	-5.8
	6H	-10.6	-10.4	-10.1	-10.0	-9.5	-7.0	-6.8	-6.5	-6.4	-5.9
	8H	-10.7	-10.5	-10.2	-10.1	-9.6	-7.0	-6.9	-6.6	-6.4	-5.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+5.0 / -13.7					+5.1 / -13.2				
S = 1.5H		+7.8 / -96.6					+7.8 / -96.9				
S = 2.0H		+9.8 / -94.6					+9.8 / -94.9				
Standard table		BK00					BK00				
Correction Summand		-4.6					-4.3				
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

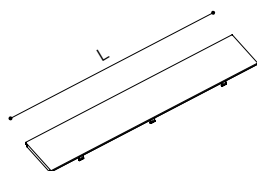


BLACK FOSTER Custom Surface L-Joint	A452-04-00- NT WT
BLACK FOSTER Custom Surface T-Joint	A452-05-00- NT WT
BLACK FOSTER Custom Surface X-Joint	A452-06-00- NT WT



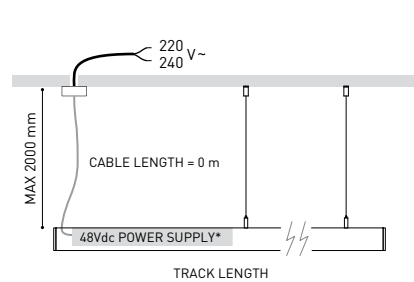
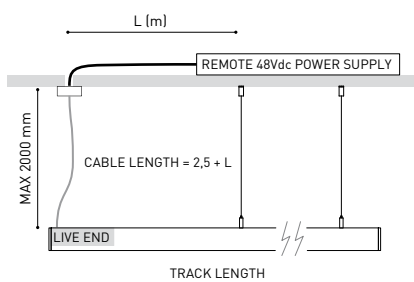
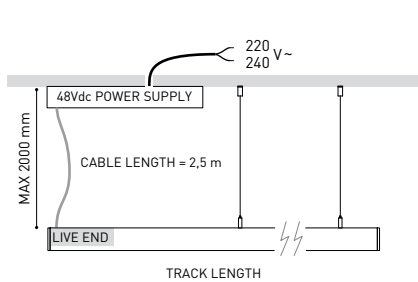
L

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

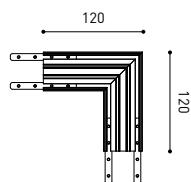


DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION [mm ²]	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

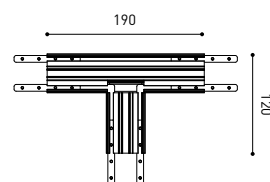


BLACK FOSTER SURFACE CUSTOM
L-JOINT



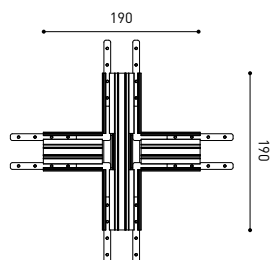
Electrical connection not included

BLACK FOSTER SURFACE CUSTOM
T-JOINT



Electrical connection not included

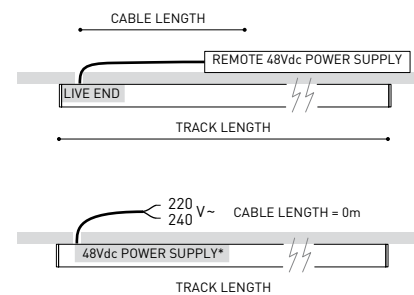
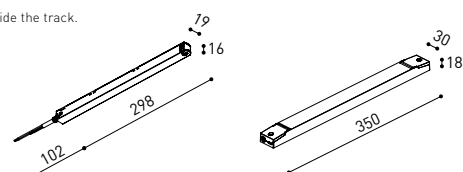
BLACK FOSTER SURFACE CUSTOM
X-JOINT



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 |

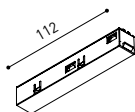
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info@arkoslight.com · www.arkoslight.com

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BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**

Live-End Connector 48V

A338-00-01- | N |



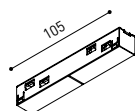
BLACK FOSTER Custom Surface

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



Central Connector 48V

A338-00-02- | N |



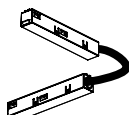
BLACK FOSTER Custom Surface

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



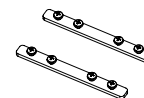
L-Joint Connector 48V

A338-00-12- | N |



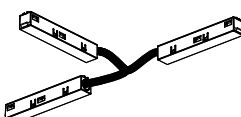
BLACK FOSTER Custom Surface

Straight Joiner A452-00-05



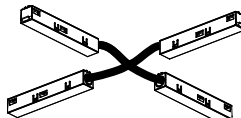
T-Joint Connector 48V

A450-00-07- | N |



X-Joint Connector 48V

A450-00-08- | N |

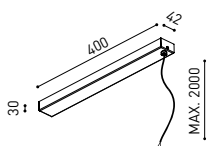
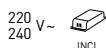


SUSPENSION COMPONENTS

Wired Power Supply Case 48V

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

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

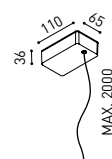


Suspension Feed Kit 48V

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

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

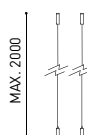
For remote power supply



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

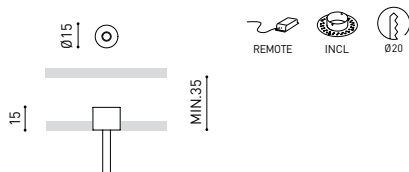
FEED

Mains Trimless*

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

Mains Thick Trimless*

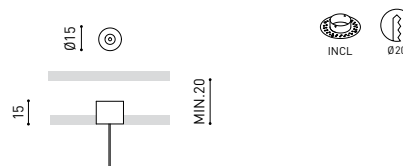
A023-00-02- | W | N | DIM



FASTENING

Steel Cable Trimless*

A023-00-05- | W | N |



* As many pieces as needed ACCORDING to your product

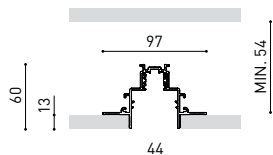
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

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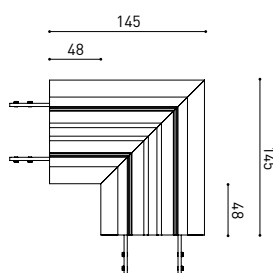


BLACK FOSTER CUSTOM TRIMLESS COMPONENTS **ARKOSLIGHT**

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

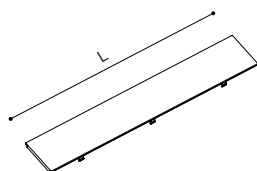


BLACK FOSTER Custom Trimless	A458-04-00- N
L-Joint	

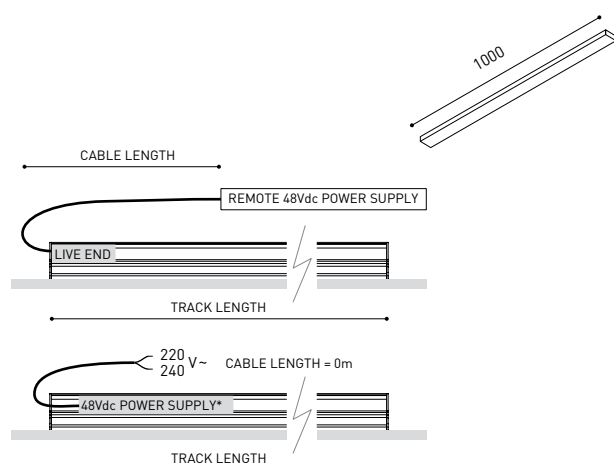


L

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

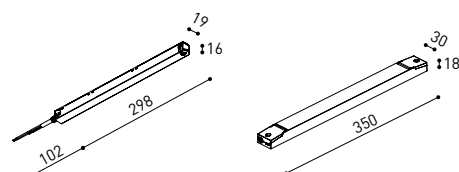


BLACK FOSTER Custom Trimless	A458-05-00
Plaster Installation Guard 1m	



	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~ | 240 *To be installed inside the track.



DROP VOLTAGE TABLE

DROP VOLTAGE TABLE		CABLE LENGHT (m)			
		5	10	20	30
POWER (W)	CABLE SECTION (mm²)	TRACK LENGHT (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

COLOUR | N ■

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



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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.



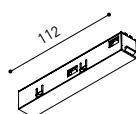
BLACK FOSTER Straight Joiner

A317-00-06



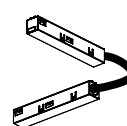
Live-End Connector 48V

A338-00-01- | N |



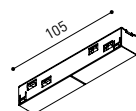
L-Joint Connector 48V

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 |



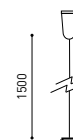
Track Clamp Kit for M6 ROD

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

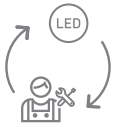
COLOUR | N ■ | B □ |

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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

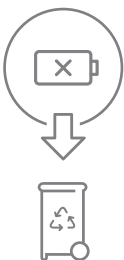
INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



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

