



DIMENSIONES



ACCESORIOS

CUSTOM & MOUNTING
ACCESSORIES

PRODUCTO

Nombre	BLACK FOSTER CUSTOM MODULE FIT 27 MEDIUM DIM DALI 3500K WT
Referencia	A4540223WT
Color	Blanco Texturado
RAL	9016
Categoría	CUSTOM SYSTEMS

FUENTE DE LUZ

Tipo	LED
Flujo Luminoso	560 lm
Temperatura de color	3500 K
Estabilidad cromática	MacAdam Step 2
Índice de reproducción cromática	CRI > 90
Potencia	5,5 W
Eficacia	102 lm/W
Horas de Vida del LED	L90B10 > 108.000h

LUMINARIA | DATOS FOTOMÉTRICOS

Eficiencia Luminica	82%
Ángulo del haz de luz	31°

LUMINARIA | DATOS ELÉCTRICOS

Driver	Incluido
Potencia del sistema	6,60 W
Tensión	48Vdc
Regulación	DALI
Clase de seguridad eléctrica	II

OTROS DATOS

Estanqueidad	IP20
Control inalámbrico	Consultar
Ángulo de basculación	90°
Ángulo de giro	360°
Tipo de carril	Black Foster Track
Peso	160 g
Peso con embalaje	222 g
Unidades por embalaje	1
Materiales	Aluminio / Policarbonato



Fit 27 es un proyector para el sistema Black Foster. De geometría cilíndrica y formas esenciales, destaca por su minimalismo estético y su funcionalidad, ya que puede orientarse en todas las direcciones. El perímetro de su boca en negro acentúa su vocación antideslumbramiento.

DIAGRAMA POLAR

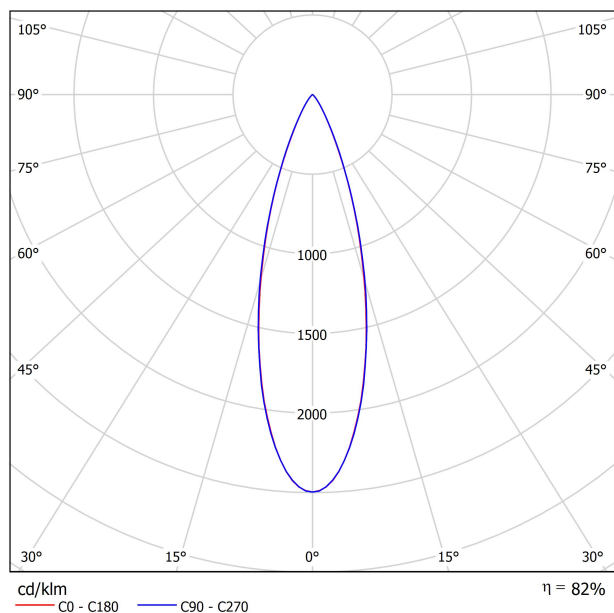
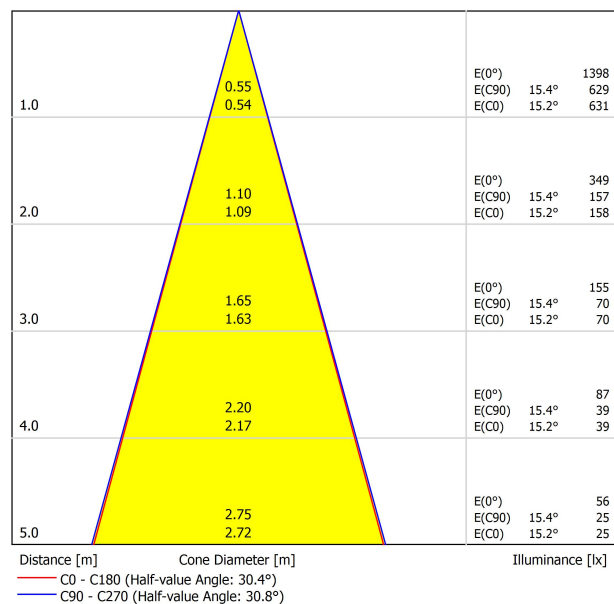


DIAGRAMA CÓNICO



UGR

Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30
ρ Floor	20	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	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
	12H	2.6	3.0	2.9	3.3	3.6	2.9	3.4	3.2	3.7	4.0
4H	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	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
8H	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	2.2	2.3	2.7	2.8	3.3	2.5	2.7	3.0	3.1	3.6
12H	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
	12H	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		+5.0 / -10.8					+5.0 / -10.6				
S = 1.5H		+7.7 / -100.5					+7.7 / -100.7				
S = 2.0H		+9.7 / -98.5					+9.7 / -98.7				
Standard table		BK00					BK00				
Correction 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 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

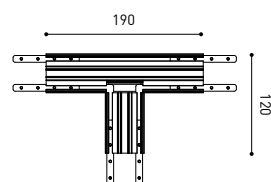


BLACK FOSTER SURFACE CUSTOM
L-JOINT



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 |

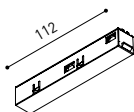
Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year
GUARANTEE

BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**

Live-End Connector 48V

A338-00-01- | N |



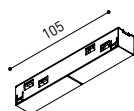
BLACK FOSTER Custom Surface

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



Central Connector 48V

A338-00-02- | N |



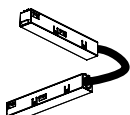
BLACK FOSTER Custom Surface

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



L-Joint Connector 48V

A338-00-12- | N |



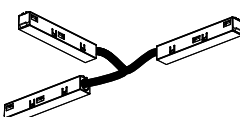
BLACK FOSTER Custom Surface

Straight Joiner A452-00-05



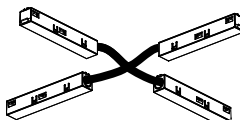
T-Joint Connector 48V

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~ | 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 ■

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

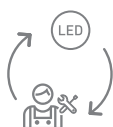
TRIMLESS INSTALLATION GUIDE
<https://youtu.be/tgGsQdaYe-w>



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



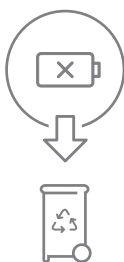
Quitar la(s) fuente(s) de luz para el desecho

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



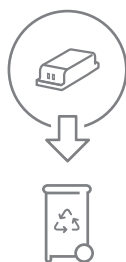
Quitar la batería para el desecho

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

