

# 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.

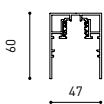


## Track Options

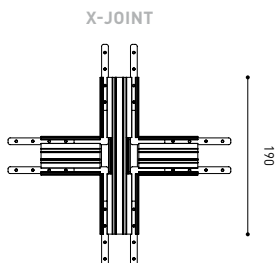
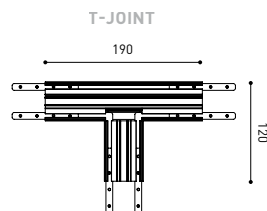
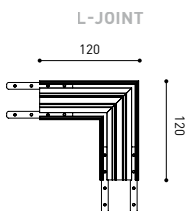
Choose the track version required for your project configuration.

### 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

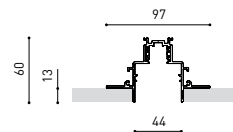


BLACK FOSTER Custom Surface L-Joint	A452-04-00-   NT   WT
BLACK FOSTER Custom Surface T-Joint	A452-05-00-   NT   WT
BLACK FOSTER Custom Surface X-Joint	A452-06-00-   NT   WT

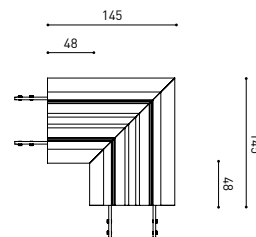


### Trimless

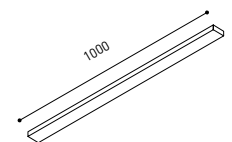
BLACK FOSTER Custom Trimless 1m	A458-01-00-   N
BLACK FOSTER Custom Trimless 2m	A458-02-00-   N
BLACK FOSTER Custom Trimless 3m	A458-03-00-   N



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

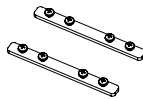
BLACK FOSTER Custom Surface	
End	A452-00-03-   N   W



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.	

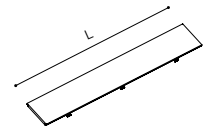


BLACK FOSTER Straight Joiner	
A317-00-06	



### 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

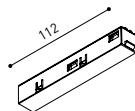


## Connector options

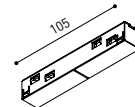
Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

### Surface

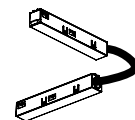
Live-End Connector 48V	
A338-00-01-   N	



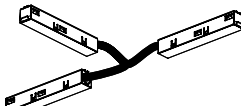
Central Connector 48V	
A338-00-02-   N	



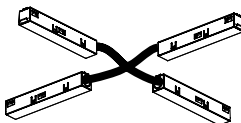
L-Joint Connector 48V	
A338-00-12-   N	



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

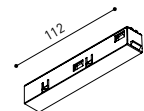


X-Joint Connector 48V	
A450-00-08-   N	

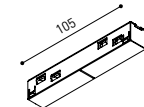


### Trimless

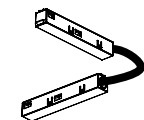
Live-End Connector 48V	
A338-00-01-   N	



Central Connector 48V	
A338-00-02-   N	



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



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

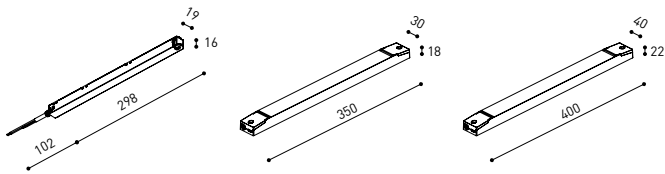
## Power Supply Options

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 V~ | \*To be installed inside the track.

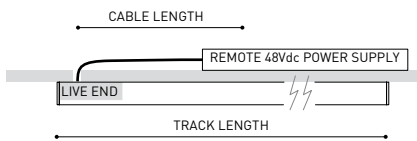


DROP VOLTAGE TABLE

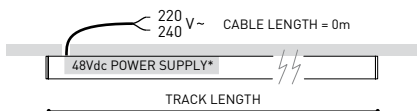
POWER (W)	CABLE SECTION (mm <sup>2</sup> )	CABLE LENGTH (m)			
		5	10	20	30
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

## Connection diagrams:

### Surface

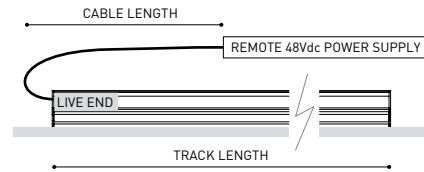


Remote driver installation

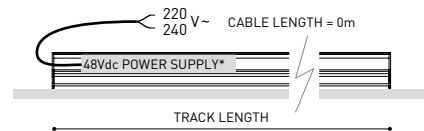


Integrated driver installation

### Trimless

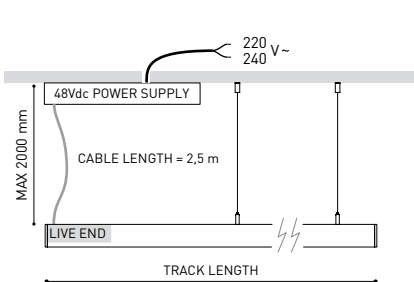


Remote driver installation

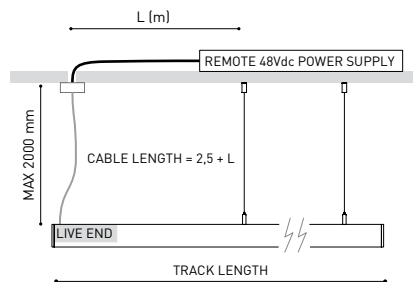


Integrated driver installation

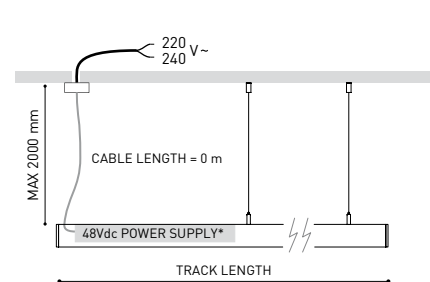
## Suspension



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.



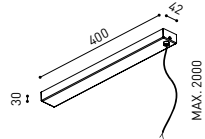
For aside box installation replace the power supply:

#### Wired Power Supply Case 48V

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

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

220 V~  
240  
INCL



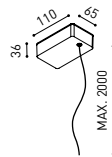
Required for remote or integrated driver installation:

#### 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.

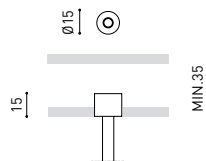
#### FEED

##### Mains Trimless\*

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

##### Mains Thick Trimless\*

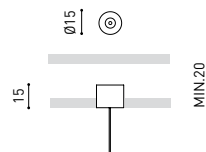
A023-00-02- | W | N | DIM



#### 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.

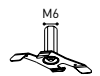
Track Fixation Kit A219-21-06- | B |



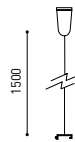
Track Flush Ceiling Kit A219-22-06- | B |



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



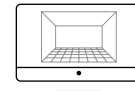
Track Suspension Kit A219-21-10- | B |



#### 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 |