



DIMENSIONS



ACCESSOIRES



CUSTOM & MOUNTING
ACCESSORIES

TROPHÉES



| | |
|-----------|--|
| Nom | BLACK FOSTER CUSTOM MODULE 5X 38° DIM DALI 2700K N |
| Référence | A4534020N |
| Coleur | Noir Mat |
| RAL | 9005 |
| Catégorie | CUSTOM SYSTEMS |

PRODUIT

| | |
|-----------|--|
| Nom | BLACK FOSTER CUSTOM MODULE 5X 38° DIM DALI 2700K N |
| Référence | A4534020N |
| Coleur | Noir Mat |
| RAL | 9005 |
| Catégorie | CUSTOM SYSTEMS |

SOURCE DE LUMIÈRE

| | |
|------------------------------------|-------------------|
| Type | LED |
| Flux lumineux brut | 950 lm |
| Température de couleur | 2700 K |
| Stabilité chromatique | MacAdam Step 3 |
| Indice de reproduction chromatique | CRI > 90 |
| Puissance | 10,5 W |
| Courant | 700 mA |
| Efficacité | 90 lm/W |
| Durée de vie de la LED | L90B10 > 102.000h |

LUMINAIRE | DONNÉES PHOTOMÉTRIQUES

| | |
|----------------------------|-----|
| Efficacité lumineuse | 92% |
| Angle du faisceau lumineux | 38° |

LUMINAIRE | DONNÉES ÉLECTRIQUES

| | |
|---------------------------------|---------|
| Driver | Inclus |
| Valeurs de puissance du système | 11,67 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 Track |
| Poids | 165 g |
| Poids avec emballage | 230 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



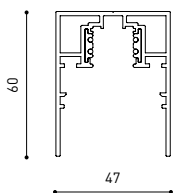
DIAGRAMME CONIQUE



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-----|---|-------|-------|-------|-------|--|-------|-------|-------|-------|
| 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 | -13.7 | -13.1 | -13.5 | -12.9 | -12.7 | -14.6 | -14.0 | -14.4 | -13.8 | -13.6 |
| | 3H | -7.4 | -6.9 | -7.2 | -6.6 | -6.4 | -7.3 | -6.7 | -7.0 | -6.5 | -6.3 |
| | 4H | -3.9 | -3.4 | -3.6 | -3.1 | -2.9 | -3.4 | -2.8 | -3.1 | -2.6 | -2.3 |
| | 6H | -0.3 | 0.2 | 0.0 | 0.5 | 0.8 | 0.1 | 0.6 | 0.4 | 0.9 | 1.1 |
| | 8H | 1.6 | 2.0 | 1.9 | 2.3 | 2.6 | 1.9 | 2.4 | 2.2 | 2.7 | 2.9 |
| 4H | 12H | 3.6 | 4.0 | 3.9 | 4.3 | 4.6 | 3.9 | 4.4 | 4.3 | 4.7 | 5.0 |
| | 2H | -11.2 | -10.6 | -10.9 | -10.4 | -10.1 | -11.5 | -11.0 | -11.2 | -10.7 | -10.5 |
| | 3H | -5.2 | -4.7 | -4.9 | -4.4 | -4.1 | -5.0 | -4.6 | -4.7 | -4.3 | -4.0 |
| | 4H | -1.8 | -1.4 | -1.4 | -1.1 | -0.7 | -1.3 | -0.9 | -1.0 | -0.6 | -0.3 |
| | 6H | 1.8 | 2.1 | 2.2 | 2.5 | 2.8 | 2.1 | 2.4 | 2.5 | 2.8 | 3.1 |
| 8H | 8H | 3.6 | 3.9 | 4.1 | 4.3 | 4.7 | 3.9 | 4.2 | 4.3 | 4.6 | 5.0 |
| | 12H | 5.7 | 5.9 | 6.1 | 6.3 | 6.8 | 6.0 | 6.2 | 6.4 | 6.6 | 7.1 |
| | 4H | -0.2 | 0.0 | 0.2 | 0.4 | 0.8 | 0.0 | 0.3 | 0.4 | 0.7 | 1.1 |
| | 6H | 3.4 | 3.6 | 3.8 | 4.0 | 4.5 | 3.6 | 3.8 | 4.0 | 4.2 | 4.7 |
| | 8H | 5.4 | 5.5 | 5.8 | 6.0 | 6.5 | 5.6 | 5.7 | 6.0 | 6.2 | 6.7 |
| 12H | 12H | 7.5 | 7.7 | 8.0 | 8.1 | 8.6 | 7.8 | 7.9 | 8.3 | 8.4 | 8.9 |
| | 4H | 0.3 | 0.5 | 0.7 | 0.9 | 1.3 | 0.5 | 0.8 | 0.9 | 1.2 | 1.6 |
| | 6H | 4.0 | 4.2 | 4.5 | 4.6 | 5.1 | 4.2 | 4.3 | 4.6 | 4.8 | 5.2 |
| | 8H | 6.1 | 6.2 | 6.6 | 6.7 | 7.2 | 6.2 | 6.4 | 6.7 | 6.8 | 7.3 |
| 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 950lm 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 |

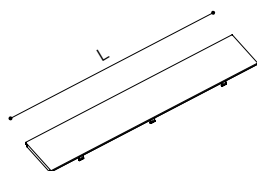


| | |
|-------------------------------------|-----------------------|
| BLACK FOSTER Custom Surface L-Joint | A452-04-00- NT WT |
| BLACK FOSTER Custom Surface T-Joint | A452-05-00- NT WT |
| BLACK FOSTER Custom Surface X-Joint | A452-06-00- NT WT |



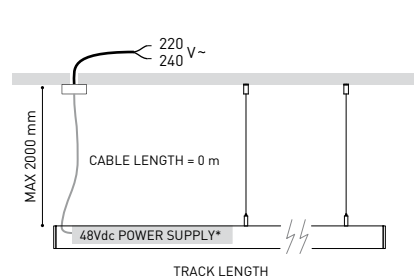
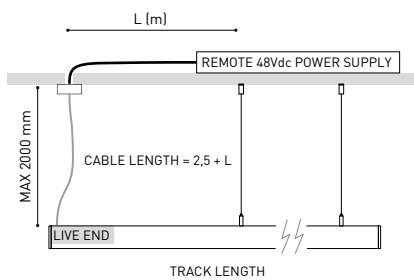
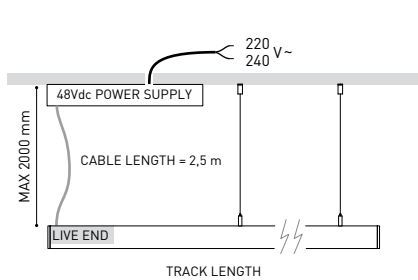
L

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

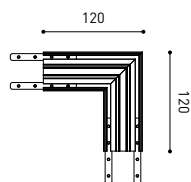


DROP VOLTAGE TABLE

| 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 |

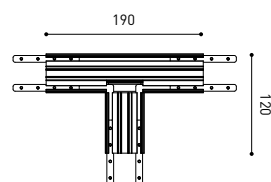


BLACK FOSTER SURFACE CUSTOM
L-JOINT



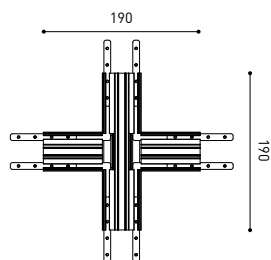
Electrical connection not included

BLACK FOSTER SURFACE CUSTOM
T-JOINT



Electrical connection not included

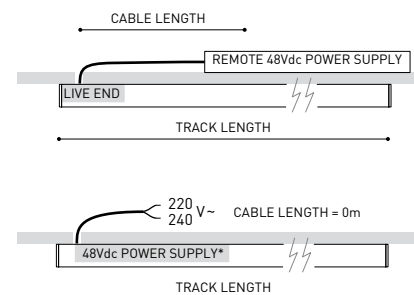
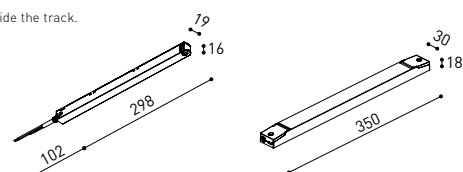
BLACK FOSTER SURFACE CUSTOM
X-JOINT



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 |

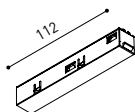
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5Year
GUARANTEE

BLACK FOSTER CUSTOM SURFACE COMPONENTS **ARKOSLIGHT**

Live-End Connector 48V

A338-00-01- | N |



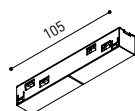
BLACK FOSTER Custom Surface

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



Central Connector 48V

A338-00-02- | N |



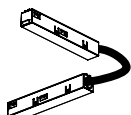
BLACK FOSTER Custom Surface

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



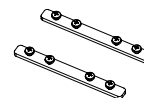
L-Joint Connector 48V

A338-00-12- | N |



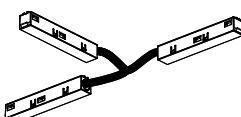
BLACK FOSTER Custom Surface

Straight Joiner A452-00-05



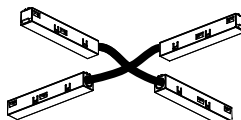
T-Joint Connector 48V

A450-00-07- | N |



X-Joint Connector 48V

A450-00-08- | N |

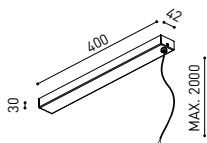
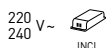


SUSPENSION COMPONENTS

Wired Power Supply Case 48V

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

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

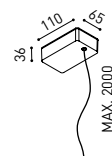


Suspension Feed Kit 48V

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

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

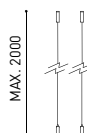
For remote power supply



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

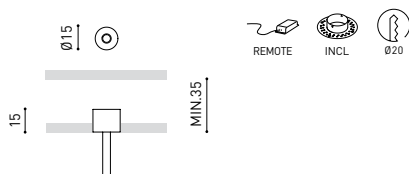
FEED

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

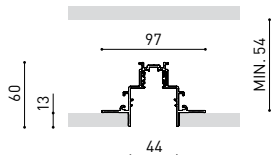
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

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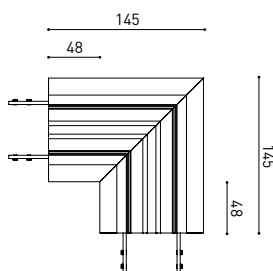


BLACK FOSTER CUSTOM TRIMLESS COMPONENTS **ARKOSLIGHT**

| | |
|---------------------------------|-----------------|
| 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 |

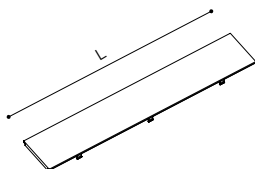


| | |
|------------------------------|-----------------|
| BLACK FOSTER Custom Trimless | A458-04-00- N |
| L-Joint | |

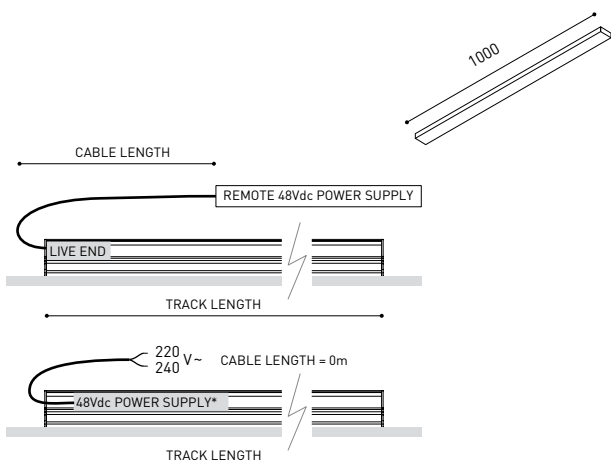


L

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

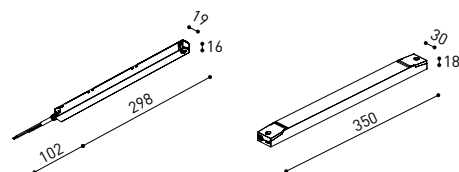


| | |
|-------------------------------|------------|
| BLACK FOSTER Custom Trimless | A458-05-00 |
| Plaster Installation Guard 1m | |



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



DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | 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 |

COLOUR | N ■

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.



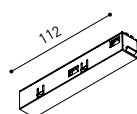
BLACK FOSTER Straight Joiner

A317-00-06



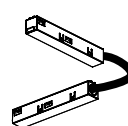
Live-End Connector 48V

A338-00-01- | N |



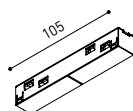
L-Joint Connector 48V

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 |



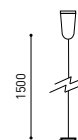
Track Clamp Kit for M6 ROD

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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<https://youtu.be/tgGsQdaYe-w>



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

