# Black Foster Micro 24V Surface

ARKOSLIGHT

## PRODUCTO

| | |
|---|---|
| Nombre | BLACK FOSTER MICRO 24V SURFACE 5 2700K NT |
| Referencia | A4682010NT |
| Color | Negro Texturado |
| RAL | 9005 |
| Categoría | TRACKLIGHTS |

## FUENTE DE LUZ

| | |
|---|---|
| Tipo | LED |
| Flujo Luminoso | 775 lm |
| Temperatura de color | 2700 K |
| Estabilidad cromática | MacAdam Step 3 |
| Índice de reproducción cromática | CRI>90 |
| Potencia | 7 W |
| Corriente | 500 mA |
| Eficacia | 111 lm/W |
| Horas de Vida del LED | L90B10 >60.000h |

## LUMINARIA | DATOS FOTOMÉTRICOS

| | |
|---|---|
| Eficiencia Lumínica | 87% |
| Ángulo del haz de luz | 37° |

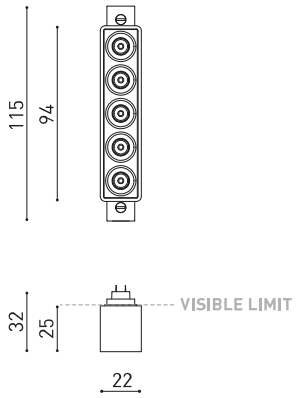
## LUMINARIA | DATOS ELÉCTRICOS

| | |
|---|---|
| Driver | Incluido |
| Potencia del sistema | 7,80 W |
| Tensión | 24Vdc |
| Regulación | Opciones DIM |
| Clase de seguridad eléctrica | |

## OTROS DATOS

| | |
|---|---|
| Estanqueidad | IP20 |
| Control inalámbrico | Consultar |
| Tipo de carril | Minimal Track |
| Peso | 80 g |
| Peso con embalaje | 100 g |
| Dimensiones embalaje | 148 x 74 x 26 mm |
| Unidades por embalaje | 1 |
| Materiales | Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato |

## DIMENSIONES




## ACCESORIOS



MINIMAL TRACK OPTIONS

## PREMIOS

reddot winner 2020
innovative product
& lighting design

Bronze Delta
ADI Awards 2020

HONORABLE MENTION
EUROPEAN PRODUCT DESIGN AWARD

FX INTERNATIONAL INTERIOR DESIGN AWARDS
WINNER 2020

archiproducts DESIGN AWARDS
WINNER 2020

PREMIO ADCV 2022
ORO

Black Foster Micro 24V Surface para Minimal Track, el downlight más compacto con efecto «The Invisible Black». Esta luminaria lineal cuenta con un excelente control del haz de luz cuyos rayos no bañan la luminaria y se encauzan directamente al exterior sin tocar la pantalla. Además, su reducido diseño permite insertar módulos en los sistemas con una absoluta integración.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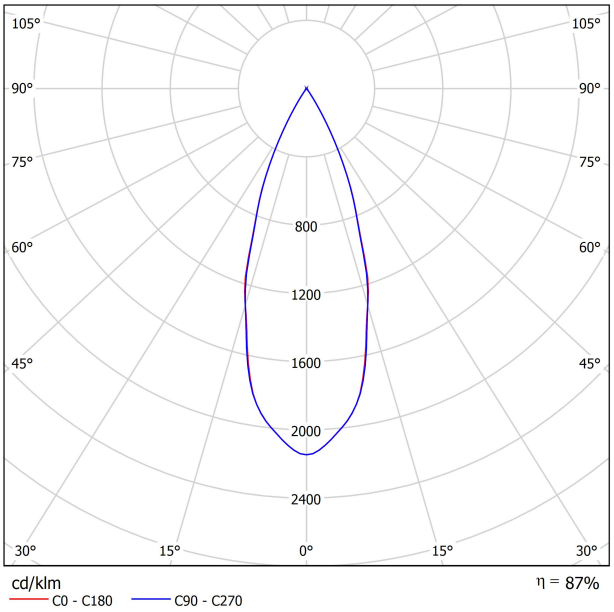
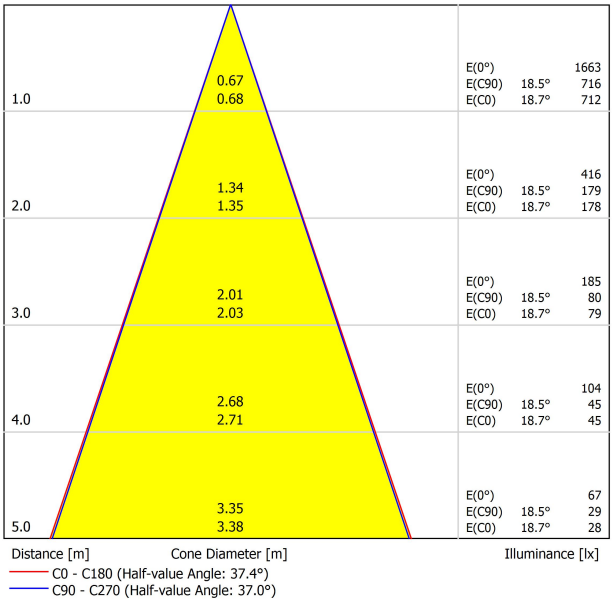
5 Year GUARANTEE*

## DIAGRAMA POLAR




## DIAGRAMA CÓNICO




## UGR

**Glare Evaluation According to UGR**

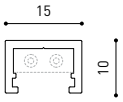
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| ρ Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| ρ Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X | Y | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 2.0 | 2.6 | 2.2 | 2.8 | 3.0 | 1.6 | 2.3 | 1.9 | 2.4 | 2.6 |
| | 3H | 5.3 | 5.8 | 5.5 | 6.1 | 6.3 | 5.0 | 5.6 | 5.3 | 5.8 | 6.1 |
| | 4H | 7.1 | 7.6 | 7.4 | 7.9 | 8.1 | 6.9 | 7.4 | 7.2 | 7.7 | 7.9 |
| | 6H | 9.0 | 9.5 | 9.3 | 9.8 | 10.1 | 9.0 | 9.5 | 9.3 | 9.8 | 10.0 |
| | 8H | 10.2 | 10.7 | 10.6 | 11.0 | 11.3 | 10.1 | 10.6 | 10.4 | 10.9 | 11.2 |
| | 12H | 11.6 | 12.1 | 11.9 | 12.4 | 12.7 | 11.5 | 12.0 | 11.9 | 12.3 | 12.6 |
| 4H | 2H | 2.9 | 3.5 | 3.2 | 3.7 | 4.0 | 2.7 | 3.2 | 3.0 | 3.5 | 3.7 |
| | 3H | 6.4 | 6.8 | 6.7 | 7.1 | 7.5 | 6.3 | 6.8 | 6.7 | 7.1 | 7.4 |
| | 4H | 8.4 | 8.8 | 8.8 | 9.2 | 9.5 | 8.2 | 8.6 | 8.6 | 9.0 | 9.3 |
| | 6H | 10.6 | 10.9 | 11.0 | 11.3 | 11.7 | 10.6 | 10.9 | 11.0 | 11.3 | 11.6 |
| | 8H | 11.9 | 12.2 | 12.3 | 12.6 | 13.0 | 11.8 | 12.1 | 12.2 | 12.5 | 12.9 |
| | 12H | 13.4 | 13.7 | 13.9 | 14.1 | 14.5 | 13.4 | 13.6 | 13.8 | 14.0 | 14.4 |
| 8H | 4H | 9.3 | 9.5 | 9.7 | 9.9 | 10.3 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| | 6H | 11.7 | 11.9 | 12.1 | 12.3 | 12.8 | 11.7 | 11.9 | 12.1 | 12.3 | 12.8 |
| | 8H | 13.2 | 13.4 | 13.6 | 13.8 | 14.3 | 13.1 | 13.3 | 13.6 | 13.7 | 14.2 |
| | 12H | 14.9 | 15.1 | 15.4 | 15.5 | 16.0 | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 |
| 12H | 4H | 9.5 | 9.7 | 9.9 | 10.1 | 10.6 | 9.4 | 9.6 | 9.8 | 10.0 | 10.4 |
| | 6H | 12.0 | 12.2 | 12.5 | 12.6 | 13.1 | 12.0 | 12.2 | 12.5 | 12.6 | 13.1 |
| | 8H | 13.6 | 13.8 | 14.1 | 14.2 | 14.7 | 13.6 | 13.7 | 14.1 | 14.2 | 14.7 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +3.5 / -1.3 | | | | | +3.6 / -1.3 | | | | |
| S = 1.5H | | +6.0 / -1.6 | | | | | +6.0 / -1.6 | | | | |
| S = 2.0H | | +8.0 / -1.7 | | | | | +8.0 / -1.9 | | | | |
| Standard table | | --- | | | | | --- | | | | |
| Correction Summand | | --- | | | | | --- | | | | |
| Corrected Glare Indices referring to 775lm Total Luminous Flux | | | | | | | | | | | |

## GUÍA DE INSTALACIÓN

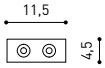
https://youtu.be/KnedJbKp7oo

# MINIMAL TRACK

ARKOSLIGHT




**MINIMAL TRACK 24V** Profile 2m — A384-02-00- | N | WT |




**MINIMAL TRACK 24V** Rubber Cable n x 1m — A384-00-01- | N |

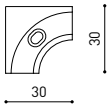
n = Total Lenght of System.

24 V | Max. 4A

**MINIMAL TRACK 24V** Corner 90º 1 Plane

A384-00-02- | N | WT |

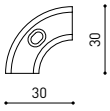
Cable Lenght = 35mm.




**MINIMAL TRACK 24V** Corner 90º 1 Plane Rounded

A384-00-03- | N | WT |

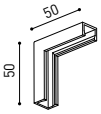
Cable Lenght = 35mm.




**MINIMAL TRACK 24V** Corner 90º 2 Planes

A384-00-04- | N | WT |

Cable Lenght = 100mm.

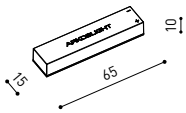



**MINIMAL TRACK 24V** End Cap

A384-00-05- | N | WT |

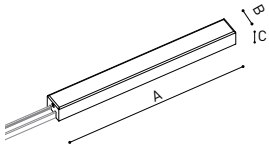
**MINIMAL TRACK 24V** Connection Box

A384-00-06- | N | WT |



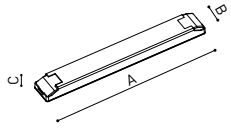

| | | | P | V | D (A x B x C) |
|---|---|---|---|---|---|
| **MINIMAL TRACK 24V** Power Supply Box | ON/OFF | A384-00-07- \| NT \| WT \| | 40W | 24V | 280 x 30 x 24mm |
| | | A384-00-08- \| NT \| WT \| | 100W | 24V | 280 x 30 x 24mm |

220 240 V~ | Included ON/OFF 24Vdc Power Supply.



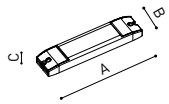

| | | | | | |
|---|---|---|---|---|---|
| **MINIMAL TRACK 24V** Remote Power Supply | ON/OFF | 0434-01-37 | 60W | 24V | 180 x 52 x 30mm |
| | | 0433-10-22 | 100W | 24V | 295 x 43 x 30mm |

220 240 V~



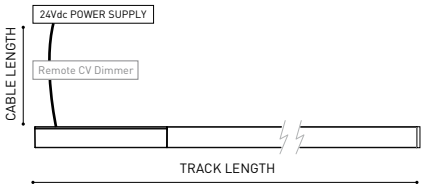

| | | | | | |
|---|---|---|---|---|---|
| **MINIMAL TRACK 24V** Remote Constant Voltage Dimmer | | 0433-01-32 | DALI / Push | 24V | 181 x 42 x 20mm |
| | | 0433-01-35 | CASAMBI | 24V | 72,6 x 30 x 18mm |
| | | 0434-01-64 | WIFI | 24V | 105 x 44 x 23mm |

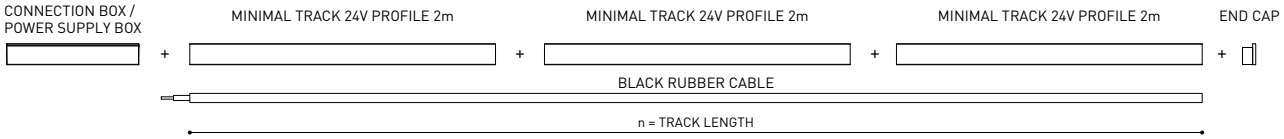
24 V




**DROP VOLTAGE TABLE**

| | | CABLE LENGHT (m) | | | |
|---|---|---|---|---|---|
| | | <5 | <10 | <20 | <30 |
| POWER (W) | CABLE SECTION (mm²) | TRACK LENGHT (m) | | | |
| 40 | 0,75 | 30 | 30 | 30 | 30 |
| | 1,5 | 30 | 30 | 30 | 30 |
| 60 | 0,75 | 30 | 30 | 20 | 10 |
| | 1,5 | 30 | 30 | 30 | 20 |
| 100 | 0,75 | 20 | 10 | X | X |
| | 1,5 | 20 | 20 | 10 | X |




COLOUR | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

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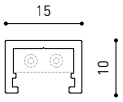
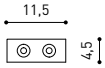
5 Year GUARANTEE

# MINIMAL TRACK SUSPENSION

ARKOSLIGHT






**MINIMAL TRACK 24V Suspension**

**Profile 2m**

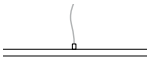
**A384-02-00- | N | WT |**

**Profile 2m Initial feed kit**

**A400-02-10- | N | WT |**

**Profile 2m Middle feed kit***

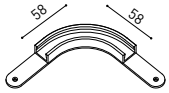
**A400-02-20- | N | WT |**



* Unidirectional Middle Feed.

**MINIMAL TRACK 24V Suspension** **Corner 90º**

**A400-00-03- | N | WT |**




Cable Lenght = 85mm.

**MINIMAL TRACK 24V Suspension**

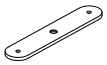
**Rubber Cable n x 1m** **A400-00-01- | N |**

n = Total Lenght of System.

24 V | Max. 4A III

**MINIMAL TRACK 24V Suspension** **Straight Joiner**

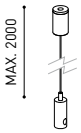
**A400-00-02- | N | WT |**



**MINIMAL TRACK 24V Suspension Kit**

**A400-02-04- | N | WT |**

Max distance between suspension kits = 100 cm.

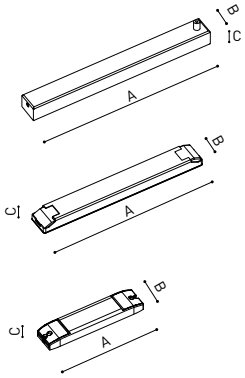



**MINIMAL TRACK 24V Suspension** **End Caps**

**A400-00-05- | N | WT |**

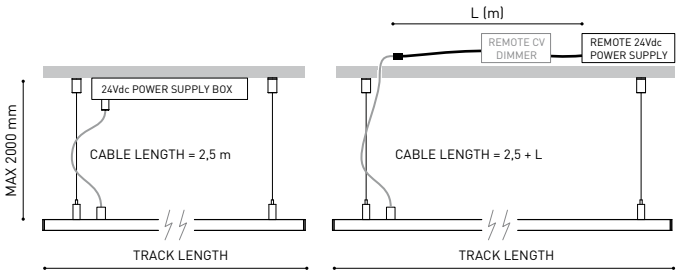
Two End Caps Included.

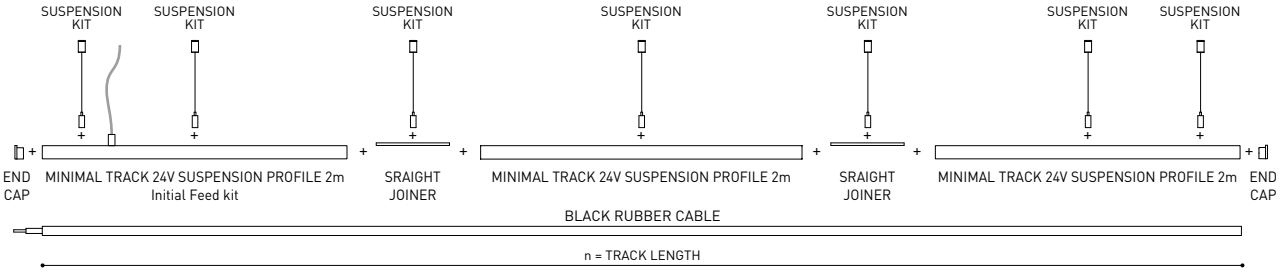
| | | | P | V | D (A x B x C) |
|---|---|---|---|---|---|
| **MINIMAL TRACK 24V Suspension Power Supply Box** | ON/OFF | **A400-00-06- \| NT \| WT \|** | 40W | 24V | 280 x 30 x 36mm |
| | | **A400-00-07- \| NT \| WT \|** | 100W | 24V | 280 x 30 x 36mm |
| 220 240 V~ \| Included ON/OFF 24Vdc Power Supply. | | | | | |
| **MINIMAL TRACK 24V Remote Power Supply** | ON/OFF | **0434-01-37** | 60W | 24V | 180 x 52 x 30mm |
| | | **0433-10-22** | 100W | 24V | 295 x 43 x 30mm |
| 220 240 V~ | | | | | |
| **MINIMAL TRACK 24V Remote Constant Voltage Dimmer** | | **0433-01-32** | DALI / Push | 24V | 181 x 42 x 20mm |
| | | **0433-01-35** | CASAMBI | 24V | 72,6 x 30 x 18mm |
| | | **0434-01-64** | WIFI | 24V | 105 x 44 x 23mm |
| 24 V | | | | | |




**DROP VOLTAGE TABLE**

| | | CABLE LENGHT (m) | | | |
|---|---|---|---|---|---|
| | | <5 | <10 | <20 | <30 |
| **POWER** (W) | **CABLE SECTION** (mm²) | **TRACK LENGHT** (m) | | | |
| 40 | 0,75 | 30 | 30 | 30 | 30 |
| | 1,5 | 30 | 30 | 30 | 30 |
| 60 | 0,75 | 30 | 30 | 20 | 10 |
| | 1,5 | 30 | 30 | 30 | 20 |
| 100 | 0,75 | 20 | 10 | X | X |
| | 1,5 | 20 | 20 | 10 | X |




COLOUR | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT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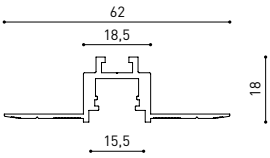
5 Year GUARANTEE

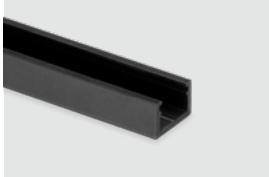
# MINIMAL TRACK TRIMLESS

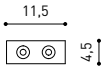
ARKOSLIGHT




MINIMAL TRACK 24V **Trimless**

**Profile 2m** — **A467-02-00- | N |**






MINIMAL TRACK 24V **Trimless**

**Rubber Cable n x 1m** — **A467-00-01- | N |**

n = Total Lenght of System.

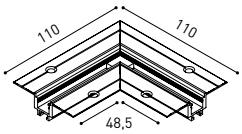
24V | Max. 4A

MINIMAL TRACK 24V **Trimless**

**Corner 90º 1 Plane**

**A467-00-02- | N |**

Cable Lenght = 140mm.




MINIMAL TRACK 24V **Trimless**

**End Caps**

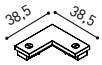
**A467-00-05- | N |**

Two End Caps Included

MINIMAL TRACK 24V **Trimless**

**Corner 90º 1 Plane Connector**

**A467-00-03- | N |**




MINIMAL TRACK 24V **Trimless**

**Straight Joiner**

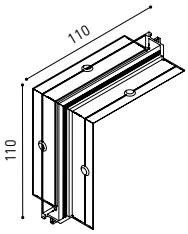
**A467-00-06**

MINIMAL TRACK 24V **Trimless**

**Corner 90º 2 Planes**

**A467-00-04- | N |**

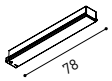
Cable Lenght = 200mm.




MINIMAL TRACK 24V **Trimless**

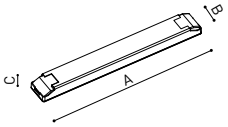
**Connection Box**

**A467-00-07- | N |**



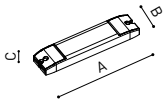

| | | | P | V | D (A x B x C) |
|---|---|---|---|---|---|
| MINIMAL TRACK 24V **Remote Power Supply** | ON/OFF | **0434-01-37** | 60W | 24V | 180 x 52 x 30mm |
| | | **0433-10-22** | 100W | 24V | 295 x 43 x 30mm |

220 240 V~




| | | | | | |
|---|---|---|---|---|---|
| MINIMAL TRACK 24V **Remote Constant Voltage Dimmer** | | **0433-01-32** | DALI / Push | 24V | 181 x 42 x 20mm |
| | | **0433-01-35** | CASAMBI | 24V | 72,6 x 30 x 18mm |
| | | **0434-01-64** | WIFI | 24V | 105 x 44 x 23mm |

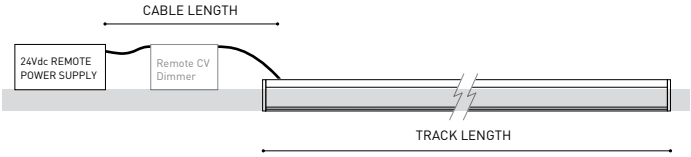
24V

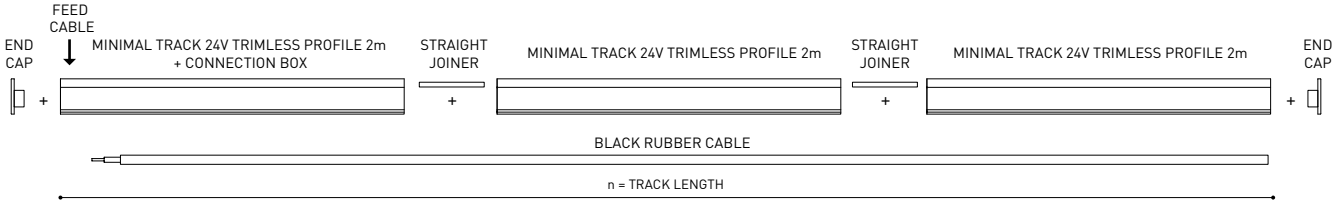



DROP VOLTAGE TABLE

| | | CABLE LENGHT (m) | | | |
|---|---|---|---|---|---|
| | | <5 | <10 | <20 | <30 |
| **POWER** (W) | **CABLE SECTION** (mm²) | **TRACK LENGHT** (m) | | | |
| 60 | 0,75 | 30 | 30 | 20 | 10 |
| | 1,5 | 30 | 30 | 30 | 20 |
| 100 | 0,75 | 20 | 10 | X | X |
| | 1,5 | 20 | 20 | 10 | X |

Reduce 5 meters per each 'Corner 90º 1 Plane CONNECTOR' used.




COLOUR | N ■ |

DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

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5Year GUARANTEE

# WIRE TRIMLESS ACCESSORY

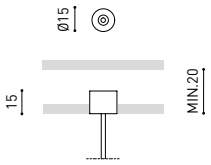
## MINIMAL TRACK SUSPENSION

| | PRODUCT |
|---|---|
| Model | Coaxial Trimless |
| Reference | A023-00-03- \| W \| N \| |
| Colour | **W** ☐ RAL 9016 \| **N** ■ RAL 9005 |
| Category | Accessories |

Fasteners not available

REMOTE INCL Ø20

### DIMENSIONAL DRAWING




Wire Trimless Accessory es una colección de accesorios que permiten instalar los tensores y cables de las luminarias de suspensión de Arkoslight directamente desde el techo, sin ningún lorón ni anclaje visto. Se logra así una aplicación minimalista y visualmente limpia en el espacio.

Con los Wire Trimless Accessory los elementos adyacentes al techo del producto estándar (florones, anclajes, cajas de driver...) se esconden a través de una simple aplicación de empotramiento.

Wire Trimless Accessory reduce el peso visual de la instalación y genera una estética extremadamente minimalista. Los cables nacen desde el material en el techo como parte de la estructura. Este detalle genera una disposición mucho más pura y esencial, especialmente, en composiciones de varias unidades.

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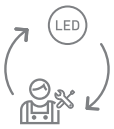
5 Year GUARANTEE

# ECODESIGN AND ENERGY LABELLING

ARKOSLIGHT®




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

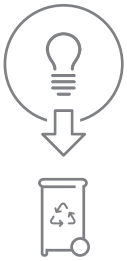
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

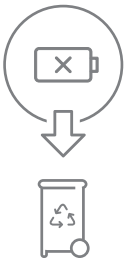
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

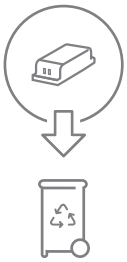
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

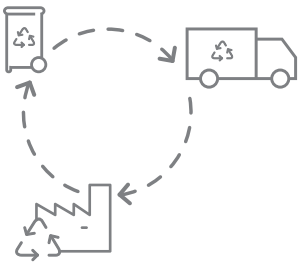


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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