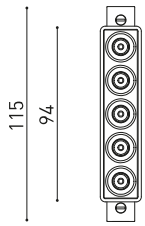
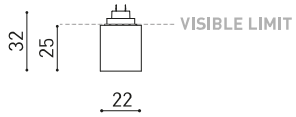
Black Foster Micro 24V Surface

Dimensioni





Accessori

MINIMAL TRACK OPTIONS

Premi

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

	PRODOTTO
Nome	BLACK FOSTER MICRO 24V SURFACE 5 3000K WT
Articolo	A4682011WT
Colore	Bianco Strutturato
RAL	9016
Categoria	TRACK LIGHTS

	SORGENTE DI LUCE
Tipo	LED
Flusso luminoso lordo	800 lm
Temperatura di colore	3000 K
Stabilità cromatica	MacAdam Step 3
Indice di Riproduzione Cromatica	CRI>90
Potenza	7 W
Corrente	500 mA
Efficienza	114 lm/W
Ore di vita del LED	L90B10 >60.000h
Classe di efficienza energetica	F

	APPARECCHIO | DATI FOTOMETRICI
Efficienza luminosa	87%
Angolo del fascio di luce	37°
UGR	< 19

	APPARECCHIO | DATI ELETTRICI
Valori di potenza del sistema	7,80 W
Tensione	24Vdc
Regolazione	Opzioni DIM
Classe di isolamento elettrico	II

	ALTRI DATI
Tenuta stagna	IP20
Wireless control	Consultare
Tipo de carril	Minimal Track
Peso	80 g
Peso compresso l'imballaggio	100 g
Dimensioni dell'imballaggio	148 x 74 x 26 mm
Unità per imballaggio	1
Materiali	Alluminio / Acrilonitrile Butadiene Stirene / Policarbonato

EPD
INTERNATIONAL EPD SYSTEM

Black Foster Micro 24V Surface per Minimal Track, il downlight più compatto ad effetto "The Invisible Black". Questo apparecchio di illuminazione lineare possiede un eccellente controllo del fascio, i cui raggi non lo bagnano, ma si incanalano direttamente verso l'esterno, senza toccare lo schermo. Il suo ridotto design, inoltre, consente di inserire i moduli nei sistemi con un'integrazione assoluta.

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE*

Dati illuminotecnici

Diagramma di abbagliamento polare

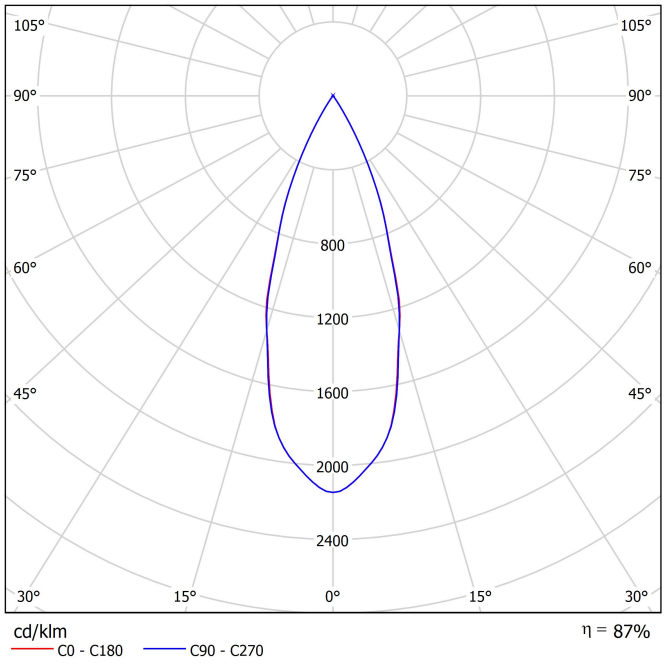
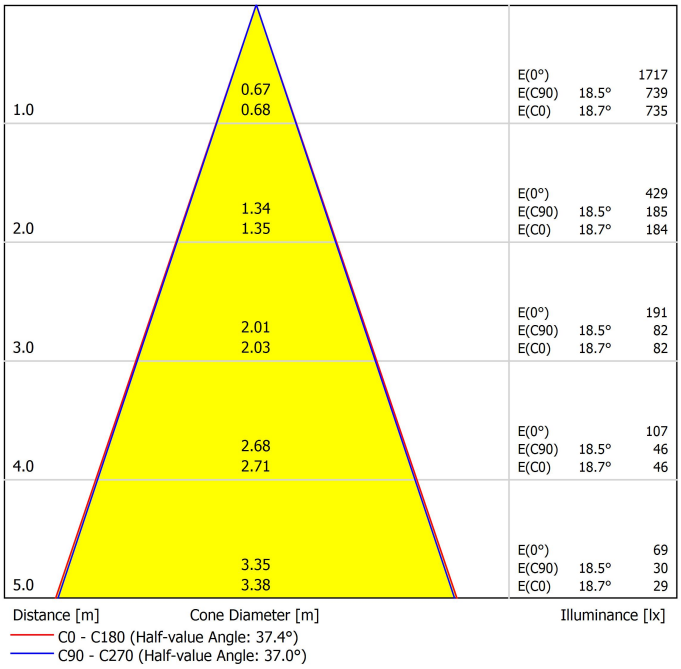


Diagramma conico



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	2.1	2.7	2.3	2.9	3.1	1.7	2.4	2.0	2.6	2.7
	3H	5.4	5.9	5.6	6.2	6.4	5.1	5.7	5.4	5.9	6.2
	4H	7.2	7.7	7.5	8.0	8.3	7.0	7.5	7.3	7.8	8.0
	6H	9.1	9.6	9.4	9.9	10.2	9.1	9.6	9.4	9.9	10.2
	8H	10.3	10.8	10.7	11.1	11.4	10.2	10.7	10.6	11.0	11.3
	12H	11.7	12.2	12.1	12.5	12.8	11.6	12.1	12.0	12.4	12.7
4H	2H	3.0	3.6	3.3	3.8	4.1	2.8	3.3	3.1	3.6	3.9
	3H	6.5	7.0	6.8	7.3	7.6	6.4	6.9	6.8	7.2	7.5
	4H	8.5	8.9	8.9	9.3	9.6	8.4	8.7	8.7	9.1	9.4
	6H	10.7	11.0	11.1	11.4	11.8	10.7	11.0	11.1	11.4	11.8
	8H	12.0	12.3	12.4	12.7	13.1	11.9	12.2	12.4	12.6	13.0
	12H	13.5	13.8	14.0	14.2	14.6	13.5	13.7	13.9	14.1	14.5
8H	4H	9.4	9.7	9.8	10.0	10.4	9.2	9.5	9.6	9.9	10.3
	6H	11.8	12.0	12.2	12.4	12.9	11.8	12.0	12.2	12.4	12.9
	8H	13.3	13.5	13.8	13.9	14.4	13.2	13.4	13.7	13.8	14.3
	12H	15.0	15.2	15.5	15.6	16.1	15.0	15.1	15.5	15.6	16.1
12H	4H	9.6	9.9	10.0	10.3	10.7	9.5	9.7	9.9	10.1	10.5
	6H	12.1	12.3	12.6	12.8	13.2	12.1	12.3	12.6	12.8	13.2
	8H	13.7	13.9	14.2	14.4	14.8	13.7	13.8	14.2	14.3	14.8

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 800lm Total Luminous Flux

Guida d'installazione

https://youtu.be/KnedJbKp7oo

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE*

Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations.
On this page, you'll find the necessary components to configure your surface-mounted system.

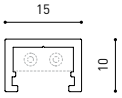
Or use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories. Start your configuration →

Track & accessories - Surface mounting

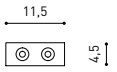
Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V

Profile 2m
A384-02-00- | N | WT |

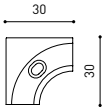


Rubber Cable n x 1m
A384-00-01- | N |
n = Total length of System

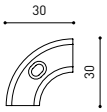


24V | Max. 4A | III

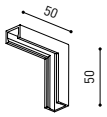
Corner 90º 1 Plane
A384-00-02- | N | WT |
Cable length = 35mm.



Corner 90º 1 Plane Rounded
A384-00-03- | N | WT |
Cable length = 35mm.

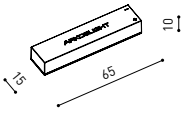


Corner 90º 2 Planes
A384-00-04- | N | WT |
Cable length = 100mm.



End Cap
A384-00-05- | N | WT |

Connection Box
A384-00-06- | N | WT |

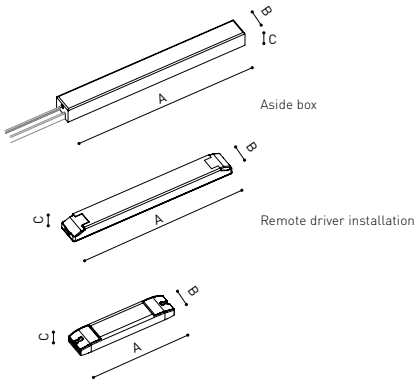


Power Supply

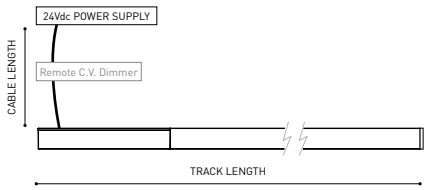
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

			P	V	D (A x B x C)
MINIMAL TRACK 24V Power Supply Box	NO DIM	A384-00-07- | NT | WT |	40W	24V	280 x 30 x 24mm
		A384-00-08- | NT | WT |	100W	24V	280 x 30 x 24mm
MINIMAL TRACK 24V Remote Power Supply	NO DIM	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

24V | other DIM options please consult

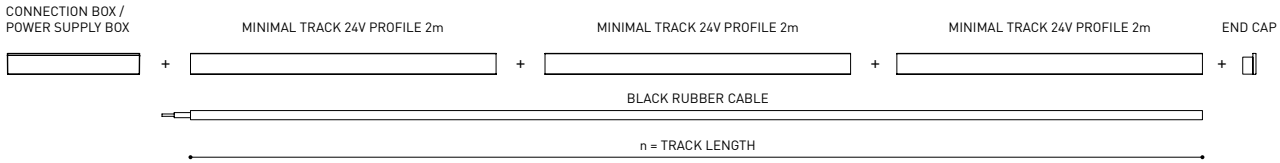


Connection diagram:



DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m) TRACK LENGTH (m) <5	<10	<20	<30
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 | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE

Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your trimless-mounted system.

Or 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 →

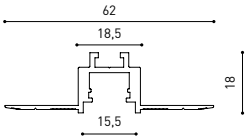
Track & accessories - Trimless mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V

Trimless Profile 2m

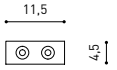
A467-02-00- | N |



Trimless Rubber Cable n x 1m

A467-00-01- | N |

n = Total length of System

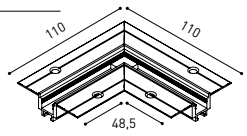


24V | Max. 4A | III

Trimless Corner 90º 1 Plane

A467-00-02- | N |

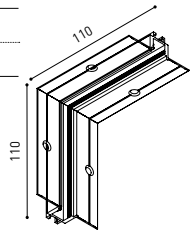
Cable length = 140mm.



Trimless Corner 90º 2 Planes

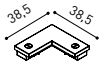
A467-00-04- | N |

Cable length = 200mm.



Trim. Corner 90º 1 Plane Connec.

A467-00-03- | N |



Trimless End Caps

A467-00-05- | N |

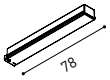
Two End Caps Included

Trimless Straight Joiner

A467-00-06

Trimless Connection Box

A467-00-07- | N |

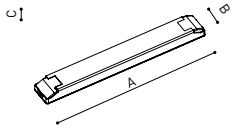


Power Supply

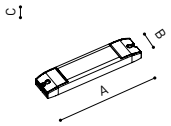
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

			P	V	D (A x B x C)
MINIMAL TRACK 24V Remote Power Supply	NO DIM	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

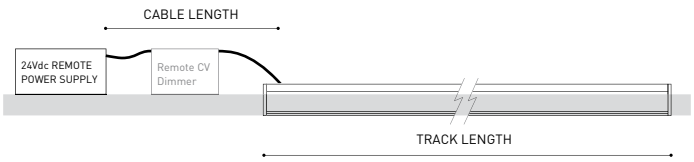
24V | other DIM options please consult



Remote driver installation



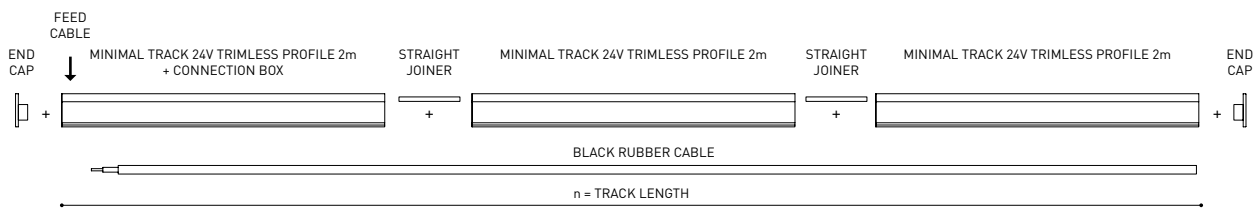
Connection diagram:



DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m) <5	<10	<20	<30
		TRACK LENGTH (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

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



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

INSTALLATION GUIDE
https://youtu.be/KnedJbKp7oo

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE

Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations.
On this page, you'll find the necessary components to configure your suspension-mounted system.

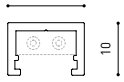
Or use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories. Start your configuration →

Track & accessories - Suspension mounting

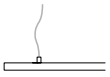
Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V Suspension

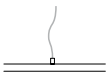
Profile 2m
A384-02-00- | N | WT |



Profile 2m Initial feed kit
A400-02-10- | N | WT |

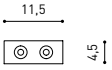


Profile 2m Middle feed kit*
A400-02-20- | N | WT |



* Unidirectional Middle Feed.

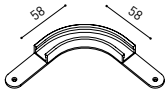
Rubber Cable n x 1m
A384-00-01- | N |



n = Total length of System

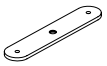
24 V | Max. 4A | III

Corner 90º
A400-00-03- | N | WT |

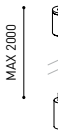


Cable length = 85mm.

Suspension Straight Joiner
A400-00-02- | N | WT |



Suspension Kit
A400-02-04- | N | WT |



Max distance between suspension kits = 100 cm.

Suspension End Caps
A400-00-05- | N | WT |

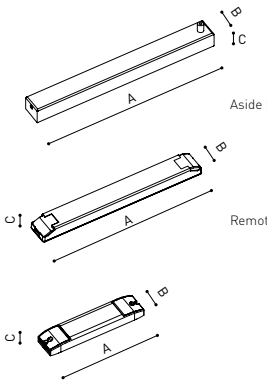
Two End Caps Included.

Power Supply

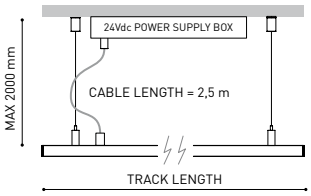
Select your power supply, include a dimmer if needed, and explore the installation diagrams provided.

			P	V	D (A x B x C)
MINIMAL TRACK 24V Susp Power Supply Box	NO DIM	A400-00-06- | NT | WT |	40W	24V	280 x 30 x 36mm
		A400-00-07- | NT | WT |	100W	24V	280 x 30 x 36mm
MINIMAL TRACK 24V Remote Power Supply	NO DIM	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

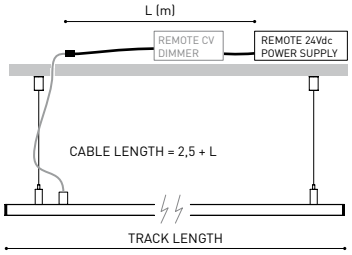
24 V | other DIM options please consult



Connection diagram:



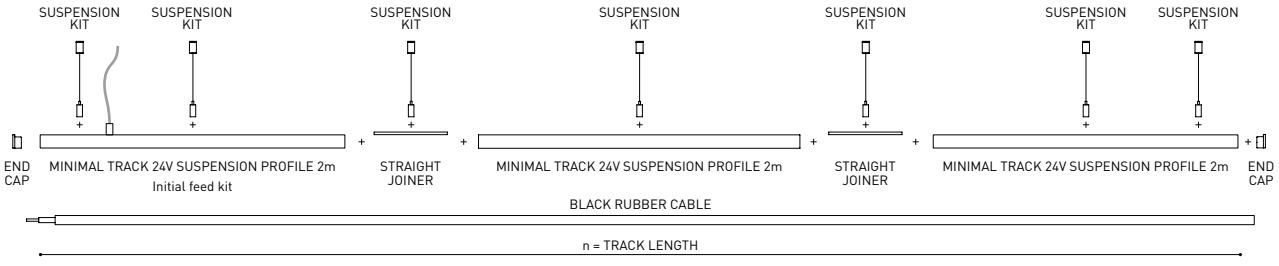
Aside box installation



Remote driver installation

DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m) <5	<10	<20	<30
		TRACK LENGTH (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 | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE

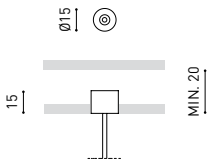
Wire Trimless accessory

ARKOSLIGHT

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

INCL Ø20

Dimmensional drawing



Accessorio per cavo trimless

Wire Trimless Accessory è una collezione di accessori che permettono di installare i tenditori e i cavi degli apparecchi a sospensione di Arkoslight direttamente al soffitto, senza rosone né fissaggio a vista. In questo modo si ottiene un'applicazione minimalista e visibilmente pulita nello spazio.

Con i Wire Trimless Accessory gli elementi adiacenti al soffitto del prodotto standard (rosoni, fissaggi, scatole di driver...) si nascondono mediante una semplice applicazione ad incasso.

Wire Trimless Accessory riduce il peso visivo dell'impianto e crea un'estetica estremamente minimalista. I cavi nascono dal materiale al soffitto come parte della struttura. Questo dettaglio crea una disposizione molto più pura ed essenziale, soprattutto nelle composizioni di varie unità.

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

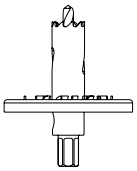
5Year GUARANTEE

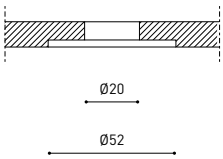
Trimless Tool

ARKOSLIGHT

INSTALLATION GUIDE
https://youtu.be/sa_xAgj4ji4

	PRODUCT
Model	Trimless Tool **D20 X D52 MM**
Reference	A478-00-01
Category	Accessories



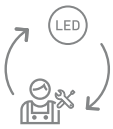


Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

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

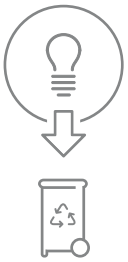
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

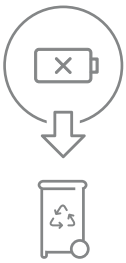
Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de 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:

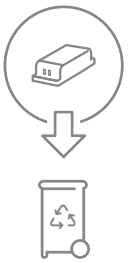
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

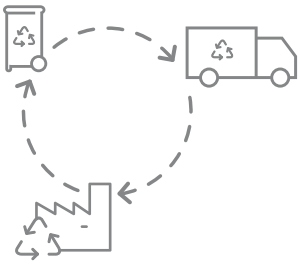


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com