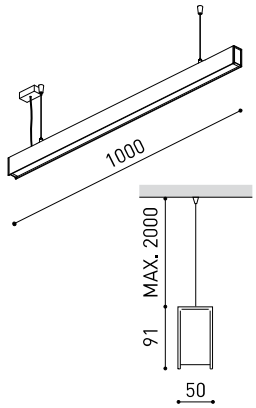
Fifty+ Custom

ARKOSLIGHT

DIMENSIONS



ACCESSORIES

CUSTOM ACCESSORIES (MANDATORY)

WIRE TRIMLESS ACCESSORY

TRIMLESS TOOL

PRODUCT

Name	FIFTY+ SUSP CUSTOM 100 DIM PUSH 4000K WT
Reference	A4440132WT
Color	Textured white
RAL	9016
Category	CUSTOM SYSTEMS

LIGHT SOURCE

Type	LED
Gross luminous flux	2400 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	15,4 W
Current	700 mA
Efficacy	151 lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	70% / UGR 47%
Light beam angle	104° / UGR 62°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Fast Connect
Power values of the system	17,50 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	Push
Electrical insulation class	⏚

OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Cord length	Max. 2 m
Fast adjustment tensioner	Yes
Diffuser included	No
Weight	3210 g
Packaged weight	4770 g
Packaging dimensions	Ø157,5 x 1140 mm
Units per package	1
Materials	Aluminium / Polycarbonate

CE

Fifty+ is the longitudinal lighting profile for Custom application. Fifty + adds functional light and visual support to highlight the lines, volumes and transitions defined in the architecture. Having an Opal diffuser which disperses the light and a UGR diffuser that reduces the glare angle. Both are installed as a single part along its entire length so as not to interrupt the light beam.

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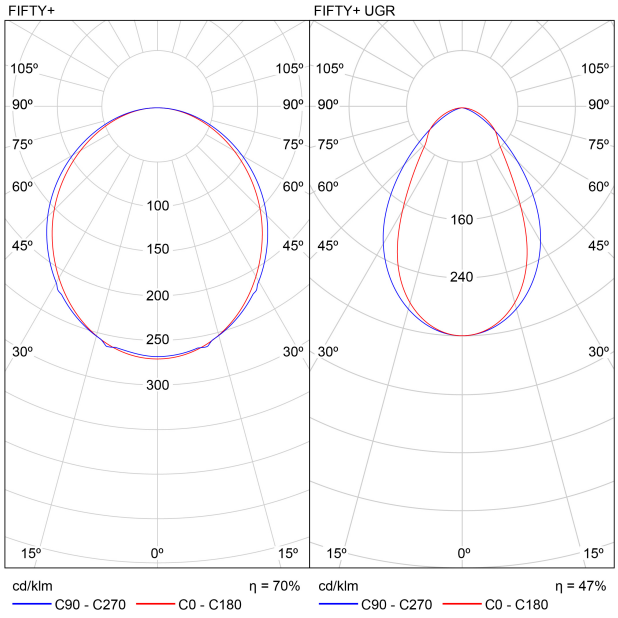
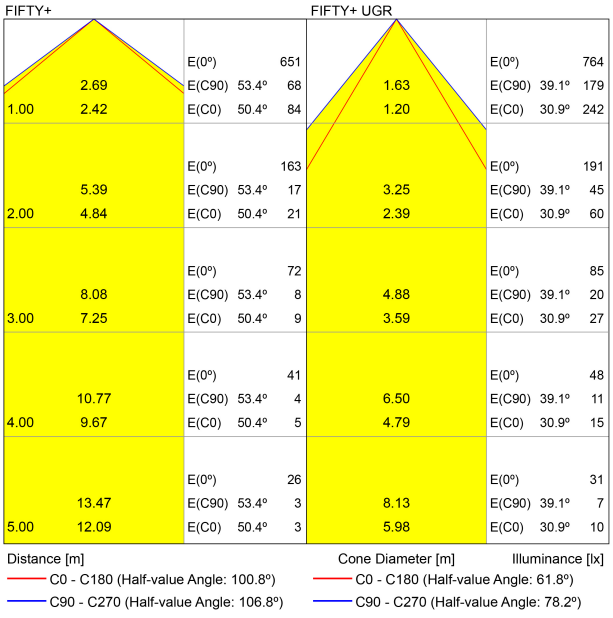
POLAR DIAGRAM



CONICAL DIAGRAM



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	20.1	21.4	20.4	21.6	21.9	20.5	21.8	20.8	22.0	22.2
	3H	21.7	22.9	22.1	23.2	23.5	22.2	23.4	22.5	23.6	23.9
	4H	22.4	23.5	22.7	23.7	24.0	22.8	23.9	23.2	24.2	24.5
	6H	22.8	23.8	23.1	24.1	24.4	23.3	24.3	23.7	24.6	25.0
	8H	22.9	23.9	23.3	24.2	24.5	23.5	24.5	23.8	24.8	25.1
	12H	23.0	23.9	23.4	24.3	24.6	23.6	24.5	24.0	24.8	25.2
4H	2H	20.7	21.8	21.0	22.1	22.3	21.0	22.1	21.3	22.3	22.6
	3H	22.5	23.5	22.9	23.8	24.1	22.9	23.9	23.3	24.2	24.5
	4H	23.3	24.1	23.7	24.5	24.8	23.7	24.5	24.1	24.9	25.3
	6H	23.8	24.6	24.3	25.0	25.4	24.3	25.0	24.7	25.4	25.8
	8H	24.0	24.7	24.5	25.1	25.5	24.5	25.2	25.0	25.6	26.0
	12H	24.1	24.7	24.6	25.2	25.6	24.7	25.3	25.1	25.7	26.1
8H	4H	23.6	24.3	24.0	24.7	25.1	24.0	24.6	24.4	25.0	25.4
	6H	24.3	24.8	24.7	25.3	25.7	24.7	25.2	25.2	25.7	26.1
	8H	24.5	25.0	25.0	25.5	25.9	25.0	25.5	25.5	25.9	26.4
	12H	24.7	25.1	25.2	25.6	26.1	25.2	25.6	25.7	26.1	26.6
12H	4H	23.6	24.2	24.1	24.6	25.1	24.0	24.6	24.4	25.0	25.4
	6H	24.4	24.8	24.8	25.3	25.8	24.8	25.2	25.2	25.7	26.2
	8H	24.6	25.0	25.1	25.5	26.0	25.1	25.5	25.6	26.0	26.5

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.4	+0.2 / -0.4
S = 2.0H	+0.4 / -0.8	+0.4 / -0.7
Standard table	BK05	BK06
Correction Summand	2.8	3.7

Corrected Glare Indices referring to 2400lm Total Luminous Flux

UGR

Glare Evaluation According to UGR

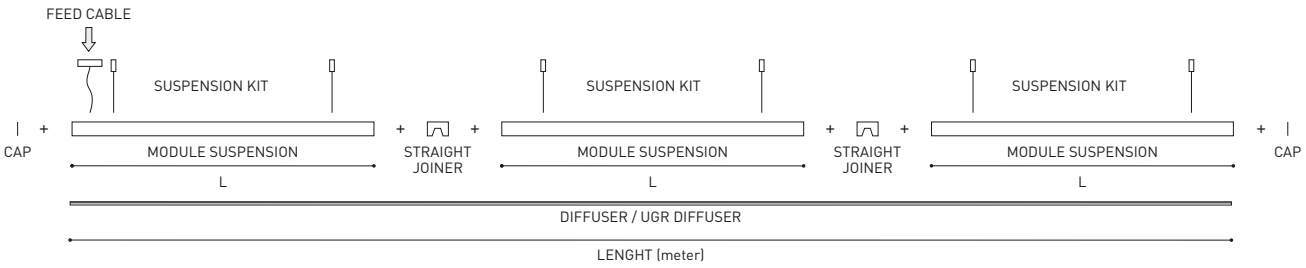
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.6	16.6	15.9	16.8	17.0	15.0	16.1	15.3	16.3	16.5
	3H	17.3	18.2	17.6	18.4	18.7	16.1	17.0	16.4	17.3	17.5
	4H	17.8	18.7	18.2	19.0	19.3	16.5	17.4	16.8	17.6	17.9
	6H	18.2	19.0	18.6	19.3	19.6	16.7	17.6	17.1	17.8	18.1
	8H	18.3	19.1	18.7	19.4	19.7	16.8	17.6	17.2	17.9	18.2
	12H	18.4	19.1	18.8	19.5	19.8	16.9	17.6	17.2	17.9	18.3
4H	2H	15.9	16.7	16.2	17.0	17.3	15.4	16.3	15.7	16.5	16.8
	3H	17.7	18.5	18.1	18.8	19.1	16.7	17.4	17.1	17.8	18.1
	4H	18.5	19.1	18.8	19.4	19.8	17.2	17.9	17.6	18.2	18.6
	6H	19.0	19.5	19.4	19.9	20.3	17.6	18.2	18.0	18.5	18.9
	8H	19.1	19.7	19.6	20.0	20.4	17.7	18.2	18.1	18.6	19.0
	12H	19.2	19.7	19.7	20.1	20.5	17.8	18.3	18.2	18.7	19.1
8H	4H	18.6	19.1	19.0	19.5	19.9	17.5	18.0	17.9	18.4	18.8
	6H	19.2	19.6	19.7	20.0	20.5	18.0	18.4	18.4	18.8	19.2
	8H	19.4	19.8	19.9	20.2	20.7	18.1	18.5	18.6	18.9	19.4
	12H	19.6	19.9	20.1	20.3	20.8	18.3	18.6	18.8	19.0	19.5
12H	4H	18.6	19.0	19.0	19.4	19.9	17.5	17.9	17.9	18.3	18.8
	6H	19.2	19.6	19.7	20.0	20.5	18.0	18.4	18.5	18.8	19.3
	8H	19.5	19.8	20.0	20.2	20.7	18.2	18.5	18.7	19.0	19.5

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.3 / -0.3	+0.3 / -0.5
S = 1.5H	+0.5 / -0.4	+1.2 / -1.2
S = 2.0H	+0.9 / -0.9	+2.3 / -1.8
Standard table	BK05	BK03
Correction Summand	-3.2	-4.7

Corrected Glare Indices referring to 2400lm Total Luminous Flux

FIFTY+ **Diffuser (x meter)**	**A447-00-00**	
FIFTY+ **UGR Diffuser (x meter)**	**A447-00-10**	
FIFTY+ **2 End Cap Kit**	**A447-00-20- | WT | NT |**	
FIFTY+ **Straight Joiner**	**A447-00-30**	
FIFTY+ **Suspension Kit**	**A444-00-20- | WT | NT |**	
At least 2 units needed. Extra unit each 100 cm required		
FIFTY+ **Suspension Power Line**	**A444-00-00- | WT | NT |**	
	A444-00-10- | WT | NT |	



COLOUR | **WT** ☐ RAL 9016 | **NT** ■ RAL 9005 | MATERIAL | **AL** | **PC** |

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WIRE TRIMLESS ACCESSORY

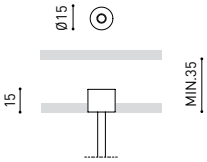
ARKOSLIGHT®

FIFTY SUPENSION

FEED

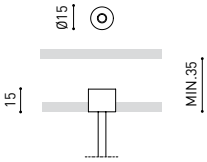
	PRODUCT
Model	Mains Trimless
Reference	A023-00-01- | W | N |
Colour	**W** ☐ RAL 9016 | **N** ■ RAL 9005
Category	Accessories

NO DIM · REMOTE · INCL · Ø20



	PRODUCT
Model	Mains Thick Trimless
Reference	A023-00-02- | W | N |
Colour	**W** ☐ RAL 9016 | **N** ■ RAL 9005
Category	Accessories

DIM · REMOTE · INCL · Ø20



Wire Trimless Accessory is a collection of accessories for fitting tensioners and cables to Arkoslight luminaires suspended directly from the ceiling with any visible ceiling rose or fixings. This achieves a minimalist application with a visually tidy finish.

With Wire Trimless Accessory the items adjacent to the ceiling of the standard product (ceiling roses, fixings, driver boxes, etc.) are concealed by a simple recessed application.

Wire Trimless Accessory reduces the visual impact of the installation leading to extremely minimalist aesthetics. The wires come out of the ceiling material as a part of the structure. This detail creates a much purer, more essential layout, particular when several luminaires are fitted in an arrangement.

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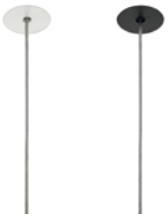
WIRE TRIMLESS ACCESSORY

ARKOSLIGHT®

FIFTY SUPENSION

FASTENING

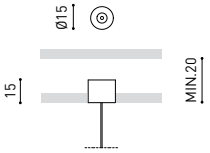


	PRODUCT
Model	Steel Cable Trimless
Reference	A023-00-05- | W | N |
Colour	**W** ☐ RAL 9016 | **N** ■ RAL 9005
Category	Accessories

As many pieces as needed
acording to your product

INCL

Ø20



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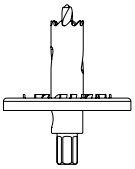
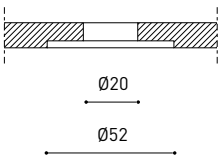
TRIMLESS TOOL

ARKOSLIGHT

INSTALLATION GUIDE
https://youtu.be/sa_xAgj4ji4

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





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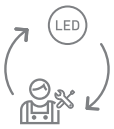
ECODESIGN AND ENERGY LABELLING

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

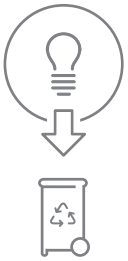
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

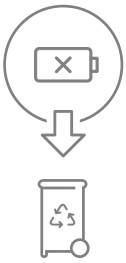
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

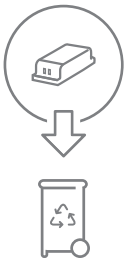
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

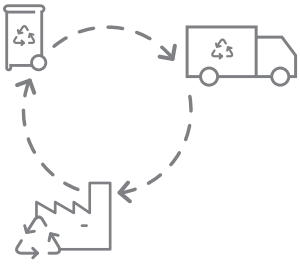


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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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