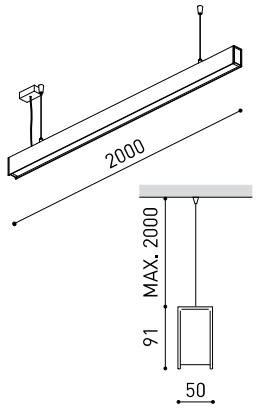
# Fifty+ Custom

ARKOSLIGHT

## DIMENSIONS




## ACCESSORIES

CUSTOM ACCESSORIES (MANDATORY)

WIRE TRIMLESS ACCESSORY

TRIMLESS TOOL

## PRODUCT

| | |
|---|---|
| Name | FIFTY+ SUSP CUSTOM 200 3000K NT |
| Reference | A4440311NT |
| Color | Textured black |
| RAL | 9005 |
| Category | CUSTOM SYSTEMS |

## LIGHT SOURCE

| | |
|---|---|
| Type | LED |
| Gross luminous flux | 4560 lm |
| Colour temperature | 3000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 30,8 W |
| Current | 700 mA |
| Efficacy | 144 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 | 36,24 W |
| Voltage | 220V/240V |
| Frecuency | 50/60 Hz |
| Dimming | No Dim |
| Electrical insulation class | ⏚ |

## OTHER DATA

| | |
|---|---|
| Sealing | IP20 |
| Wireless control | Please Consult |
| Cord length | Max. 2 m |
| Fast adjustment tensioner | Yes |
| Diffuser included | No |
| Weight | 5960 g |
| Packaged weight | 8810 g |
| Packaging dimensions | Ø157,5 x 2140 mm |
| Units per package | 1 |
| Materials | Aluminium / Polycarbonate |

CE

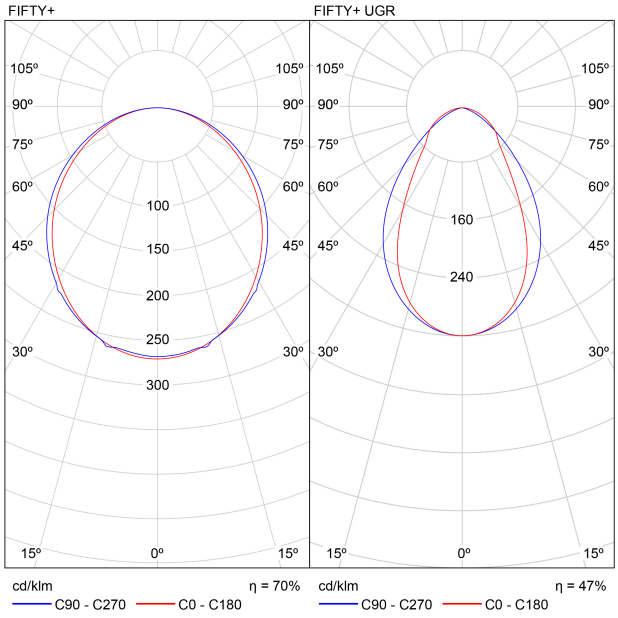
Fifty+ is the longitudinal lighting profile for Custom application. Fifty + adds functional light and visual support to highlight the lines, volumes and transitions defined in the architecture. Having an Opal diffuser which disperses the light and a UGR diffuser that reduces the glare angle. Both are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

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

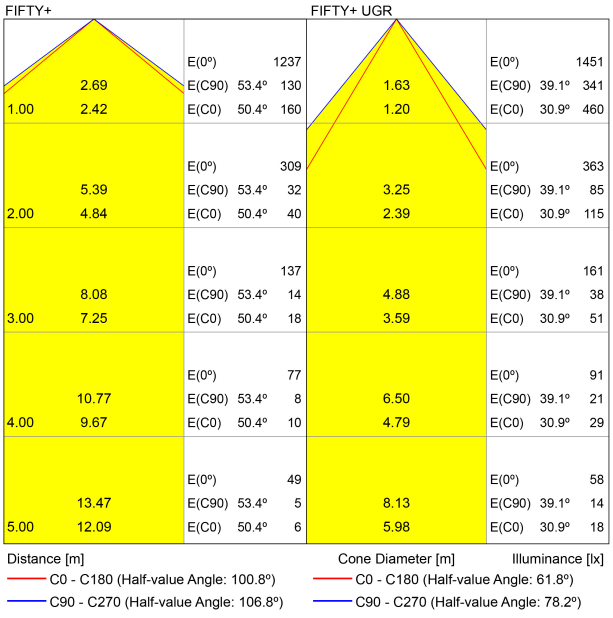


5 Year GUARANTEE*

## 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 | 19.9 | 21.2 | 20.2 | 21.4 | 21.7 | 20.3 | 21.6 | 20.6 | 21.8 | 22.0 |
| | 3H | 21.6 | 22.7 | 21.9 | 23.0 | 23.3 | 22.0 | 23.2 | 22.3 | 23.4 | 23.7 |
| | 4H | 22.2 | 23.3 | 22.5 | 23.6 | 23.8 | 22.7 | 23.8 | 23.0 | 24.0 | 24.3 |
| | 6H | 22.6 | 23.6 | 23.0 | 23.9 | 24.2 | 23.1 | 24.2 | 23.5 | 24.5 | 24.8 |
| | 8H | 22.7 | 23.7 | 23.1 | 24.0 | 24.4 | 23.3 | 24.3 | 23.7 | 24.6 | 24.9 |
| | 12H | 22.8 | 23.7 | 23.2 | 24.1 | 24.4 | 23.4 | 24.3 | 23.8 | 24.7 | 25.0 |
| 4H | 2H | 20.5 | 21.6 | 20.8 | 21.9 | 22.2 | 20.8 | 21.9 | 21.1 | 22.2 | 22.5 |
| | 3H | 22.4 | 23.3 | 22.7 | 23.6 | 24.0 | 22.7 | 23.7 | 23.1 | 24.0 | 24.3 |
| | 4H | 23.1 | 23.9 | 23.5 | 24.3 | 24.7 | 23.5 | 24.4 | 23.9 | 24.7 | 25.1 |
| | 6H | 23.7 | 24.4 | 24.1 | 24.8 | 25.2 | 24.1 | 24.9 | 24.5 | 25.2 | 25.6 |
| | 8H | 23.8 | 24.5 | 24.3 | 24.9 | 25.3 | 24.3 | 25.0 | 24.8 | 25.4 | 25.8 |
| | 12H | 24.0 | 24.6 | 24.4 | 25.0 | 25.4 | 24.5 | 25.1 | 24.9 | 25.5 | 25.9 |
| 8H | 4H | 23.4 | 24.1 | 23.8 | 24.5 | 24.9 | 23.8 | 24.4 | 24.2 | 24.8 | 25.3 |
| | 6H | 24.1 | 24.6 | 24.6 | 25.1 | 25.5 | 24.5 | 25.1 | 25.0 | 25.5 | 25.9 |
| | 8H | 24.4 | 24.8 | 24.8 | 25.3 | 25.8 | 24.8 | 25.3 | 25.3 | 25.7 | 26.2 |
| | 12H | 24.5 | 24.9 | 25.0 | 25.4 | 25.9 | 25.0 | 25.4 | 25.5 | 25.9 | 26.4 |
| 12H | 4H | 23.4 | 24.0 | 23.9 | 24.5 | 24.9 | 23.8 | 24.4 | 24.2 | 24.8 | 25.2 |
| | 6H | 24.2 | 24.6 | 24.6 | 25.1 | 25.6 | 24.6 | 25.0 | 25.0 | 25.5 | 26.0 |
| | 8H | 24.5 | 24.9 | 24.9 | 25.3 | 25.8 | 24.9 | 25.3 | 25.4 | 25.8 | 26.3 |

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 | 0.4 | 1.3 |

Corrected Glare Indices referring to 4560lm 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 | 15.4 | 16.5 | 15.7 | 16.7 | 16.9 | 14.9 | 15.9 | 15.1 | 16.1 | 16.3 |
| | 3H | 17.1 | 18.0 | 17.4 | 18.3 | 18.5 | 15.9 | 16.9 | 16.2 | 17.1 | 17.4 |
| | 4H | 17.7 | 18.6 | 18.0 | 18.8 | 19.1 | 16.3 | 17.2 | 16.6 | 17.5 | 17.7 |
| | 6H | 18.1 | 18.9 | 18.4 | 19.2 | 19.5 | 16.6 | 17.4 | 16.9 | 17.7 | 18.0 |
| | 8H | 18.2 | 19.0 | 18.5 | 19.3 | 19.6 | 16.7 | 17.4 | 17.0 | 17.7 | 18.0 |
| | 12H | 18.2 | 19.0 | 18.6 | 19.3 | 19.6 | 16.7 | 17.5 | 17.1 | 17.8 | 18.1 |
| 4H | 2H | 15.7 | 16.6 | 16.0 | 16.8 | 17.1 | 15.2 | 16.1 | 15.5 | 16.4 | 16.6 |
| | 3H | 17.6 | 18.3 | 17.9 | 18.6 | 19.0 | 16.5 | 17.3 | 16.9 | 17.6 | 17.9 |
| | 4H | 18.3 | 18.9 | 18.7 | 19.3 | 19.6 | 17.1 | 17.7 | 17.4 | 18.0 | 18.4 |
| | 6H | 18.8 | 19.4 | 19.2 | 19.7 | 20.1 | 17.4 | 18.0 | 17.8 | 18.4 | 18.8 |
| | 8H | 19.0 | 19.5 | 19.4 | 19.9 | 20.3 | 17.6 | 18.1 | 18.0 | 18.5 | 18.9 |
| | 12H | 19.1 | 19.5 | 19.5 | 19.9 | 20.4 | 17.6 | 18.1 | 18.1 | 18.5 | 18.9 |
| 8H | 4H | 18.4 | 18.9 | 18.8 | 19.3 | 19.7 | 17.3 | 17.8 | 17.7 | 18.2 | 18.6 |
| | 6H | 19.0 | 19.5 | 19.5 | 19.9 | 20.3 | 17.8 | 18.2 | 18.2 | 18.6 | 19.1 |
| | 8H | 19.3 | 19.6 | 19.7 | 20.1 | 20.5 | 18.0 | 18.3 | 18.4 | 18.8 | 19.2 |
| | 12H | 19.4 | 19.7 | 19.9 | 20.2 | 20.7 | 18.1 | 18.4 | 18.6 | 18.9 | 19.4 |
| 12H | 4H | 18.4 | 18.9 | 18.9 | 19.3 | 19.7 | 17.3 | 17.8 | 17.8 | 18.2 | 18.6 |
| | 6H | 19.1 | 19.4 | 19.5 | 19.9 | 20.3 | 17.8 | 18.2 | 18.3 | 18.6 | 19.1 |
| | 8H | 19.3 | 19.6 | 19.8 | 20.1 | 20.6 | 18.0 | 18.4 | 18.5 | 18.8 | 19.3 |

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 | -5.6 | -7.1 |

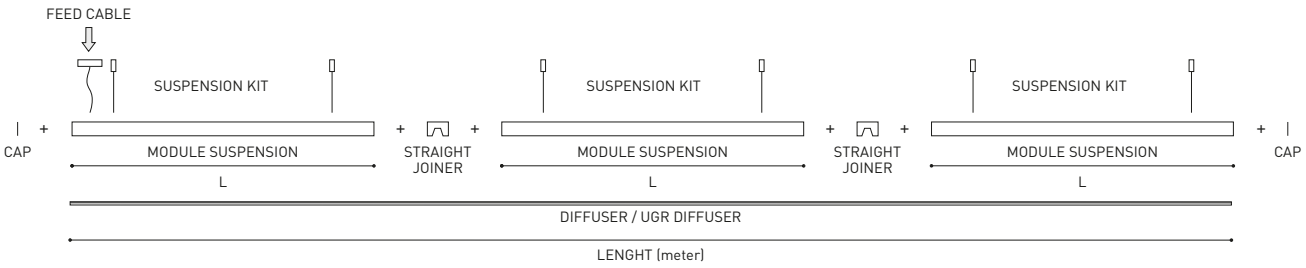
Corrected Glare Indices referring to 4560lm Total Luminous Flux

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com



5 Year GUARANTEE*

| | | |
|---|---|---|
| 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** |

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE*

# WIRE TRIMLESS ACCESSORY

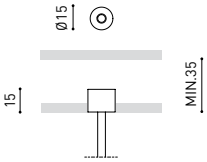
ARKOSLIGHT®

## FIFTY SUPENSION

### FEED

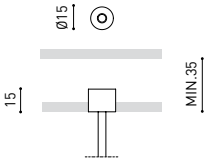
| | PRODUCT |
|---|---|
| Model | Mains Trimless |
| Reference | A023-00-01- \| W \| N \| |
| Colour | **W** ☐ RAL 9016 \| **N** ■ RAL 9005 |
| Category | Accessories |

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.

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

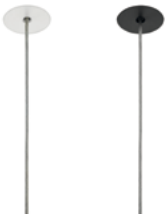
5 Year GUARANTEE*

# WIRE TRIMLESS ACCESSORY

ARKOSLIGHT®

## FIFTY SUPENSION

### FASTENING

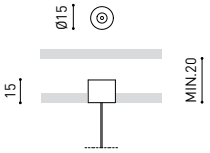


| | PRODUCT |
|---|---|
| Model | Steel Cable Trimless |
| Reference | A023-00-05- \| W \| N \| |
| Colour | **W** ☐ RAL 9016 \| **N** ■ RAL 9005 |
| Category | Accessories |

As many pieces as needed
acording to your product

INCL

Ø20




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.

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

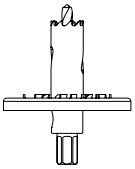
5Year GUARANTEE*

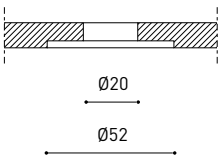
# TRIMLESS TOOL

ARKOSLIGHT

**INSTALLATION GUIDE**
https://youtu.be/sa_xAgj4ji4

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



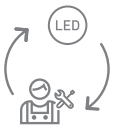



Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year 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

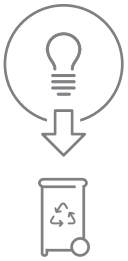
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

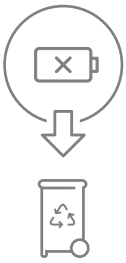
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

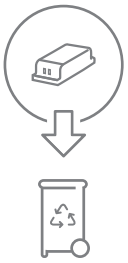
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

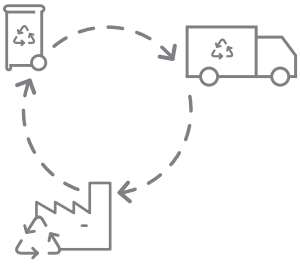


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE