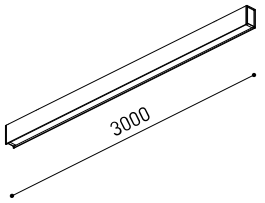
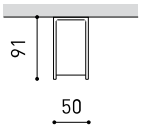
# Fifty+ Custom

ARKOSLIGHT

## Dimensions




## Accessories

CUSTOM ACCESSORIES
(MANDATORY)

| | |
|---|---|
| | **PRODUCT** |
| Name | FIFTY+ HO SURFACE CUSTOM 300 4000K NT |
| Reference | A4431412NT |
| Colour | Textured black |
| RAL | 9005 |
| Category | CUSTOM SYSTEMS |
| | **LIGHT SOURCE** |
| Type | LED |
| Gross luminous flux | 10320 lm |
| Colour temperature | 4000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 70,8 W |
| Current | 1050 mA |
| Efficacy | 142 lm/W |
| LED lifespan | L80B10 >60.000h |
| Energy efficiency class | D |
| | **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 | 82,81 W |
| Frequency | 50/60 Hz |
| Dimming | No Dim |
| Electrical insulation class | ⏚ |
| | **OTHER DATA** |
| Sealing | IP20 |
| Wireless control | Please Consult |
| Diffuser included | No |
| Weight | 8320 g |
| Packaged weight | 12470 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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# Lighting technical data

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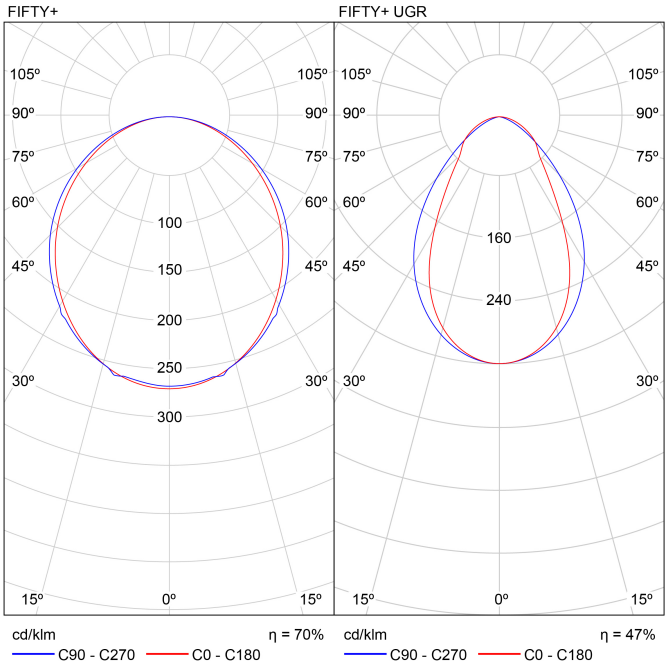
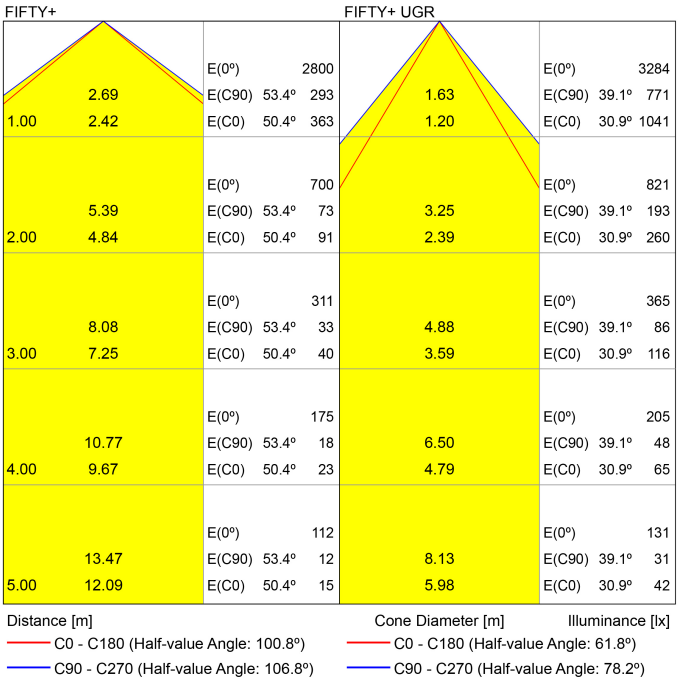
## Polar diagram




## 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 | 21.3 | 22.6 | 21.6 | 22.9 | 23.1 | 21.7 | 23.0 | 22.0 | 23.2 | 23.5 |
| | 3H | 23.0 | 24.2 | 23.3 | 24.4 | 24.7 | 23.4 | 24.6 | 23.8 | 24.9 | 25.1 |
| | 4H | 23.6 | 24.7 | 23.9 | 25.0 | 25.3 | 24.1 | 25.2 | 24.4 | 25.5 | 25.8 |
| | 6H | 24.0 | 25.1 | 24.4 | 25.4 | 25.7 | 24.6 | 25.6 | 24.9 | 25.9 | 26.2 |
| | 8H | 24.2 | 25.2 | 24.5 | 25.5 | 25.8 | 24.7 | 25.7 | 25.1 | 26.0 | 26.3 |
| | 12H | 24.2 | 25.2 | 24.6 | 25.5 | 25.8 | 24.8 | 25.8 | 25.2 | 26.1 | 26.4 |
| 4H | 2H | 21.9 | 23.0 | 22.3 | 23.3 | 23.6 | 22.2 | 23.3 | 22.5 | 23.6 | 23.9 |
| | 3H | 23.8 | 24.7 | 24.2 | 25.1 | 25.4 | 24.2 | 25.1 | 24.5 | 25.4 | 25.8 |
| | 4H | 24.5 | 25.4 | 24.9 | 25.7 | 26.1 | 25.0 | 25.8 | 25.3 | 26.1 | 26.5 |
| | 6H | 25.1 | 25.8 | 25.5 | 26.2 | 26.6 | 25.6 | 26.3 | 26.0 | 26.7 | 27.1 |
| | 8H | 25.3 | 25.9 | 25.7 | 26.3 | 26.8 | 25.8 | 26.4 | 26.2 | 26.8 | 27.3 |
| | 12H | 25.4 | 26.0 | 25.8 | 26.4 | 26.8 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| 8H | 4H | 24.8 | 25.5 | 25.3 | 25.9 | 26.3 | 25.2 | 25.9 | 25.6 | 26.3 | 26.7 |
| | 6H | 25.5 | 26.1 | 26.0 | 26.5 | 27.0 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| | 8H | 25.8 | 26.3 | 26.3 | 26.7 | 27.2 | 26.2 | 26.7 | 26.7 | 27.2 | 27.6 |
| | 12H | 26.0 | 26.4 | 26.4 | 26.8 | 27.3 | 26.5 | 26.9 | 26.9 | 27.3 | 27.8 |
| 12H | 4H | 24.9 | 25.5 | 25.3 | 25.9 | 26.3 | 25.2 | 25.8 | 25.7 | 26.2 | 26.7 |
| | 6H | 25.6 | 26.1 | 26.1 | 26.5 | 27.0 | 26.0 | 26.5 | 26.5 | 26.9 | 27.4 |
| | 8H | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 | 26.3 | 26.7 | 26.8 | 27.2 | 27.7 |

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 | -1.1 | -0.1 |

Corrected Glare Indices referring to 10320lm 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 | 16.9 | 17.9 | 17.1 | 18.1 | 18.3 | 16.3 | 17.3 | 16.6 | 17.5 | 17.8 |
| | 3H | 18.5 | 19.5 | 18.8 | 19.7 | 20.0 | 17.4 | 18.3 | 17.7 | 18.6 | 18.8 |
| | 4H | 19.1 | 20.0 | 19.4 | 20.3 | 20.5 | 17.7 | 18.6 | 18.1 | 18.9 | 19.2 |
| | 6H | 19.5 | 20.3 | 19.8 | 20.6 | 20.9 | 18.0 | 18.8 | 18.4 | 19.1 | 19.4 |
| | 8H | 19.6 | 20.4 | 20.0 | 20.7 | 21.0 | 18.1 | 18.9 | 18.4 | 19.2 | 19.5 |
| | 12H | 19.7 | 20.4 | 20.0 | 20.7 | 21.1 | 18.1 | 18.9 | 18.5 | 19.2 | 19.5 |
| 4H | 2H | 17.1 | 18.0 | 17.5 | 18.3 | 18.6 | 16.7 | 17.5 | 17.0 | 17.8 | 18.1 |
| | 3H | 19.0 | 19.7 | 19.4 | 20.1 | 20.4 | 18.0 | 18.7 | 18.3 | 19.0 | 19.4 |
| | 4H | 19.7 | 20.4 | 20.1 | 20.7 | 21.1 | 18.5 | 19.1 | 18.9 | 19.5 | 19.8 |
| | 6H | 20.2 | 20.8 | 20.7 | 21.2 | 21.6 | 18.9 | 19.4 | 19.3 | 19.8 | 20.2 |
| | 8H | 20.4 | 20.9 | 20.8 | 21.3 | 21.7 | 19.0 | 19.5 | 19.4 | 19.9 | 20.3 |
| | 12H | 20.5 | 21.0 | 20.9 | 21.4 | 21.8 | 19.1 | 19.5 | 19.5 | 19.9 | 20.4 |
| 8H | 4H | 19.9 | 20.4 | 20.3 | 20.8 | 21.2 | 18.7 | 19.2 | 19.2 | 19.6 | 20.0 |
| | 6H | 20.5 | 20.9 | 20.9 | 21.3 | 21.8 | 19.2 | 19.6 | 19.7 | 20.1 | 20.5 |
| | 8H | 20.7 | 21.1 | 21.2 | 21.5 | 22.0 | 19.4 | 19.8 | 19.9 | 20.2 | 20.7 |
| | 12H | 20.8 | 21.2 | 21.3 | 21.6 | 22.1 | 19.5 | 19.8 | 20.0 | 20.3 | 20.8 |
| 12H | 4H | 19.9 | 20.3 | 20.3 | 20.7 | 21.1 | 18.7 | 19.2 | 19.2 | 19.6 | 20.0 |
| | 6H | 20.5 | 20.9 | 21.0 | 21.3 | 21.8 | 19.3 | 19.6 | 19.7 | 20.1 | 20.5 |
| | 8H | 20.7 | 21.0 | 21.2 | 21.5 | 22.0 | 19.5 | 19.8 | 20.0 | 20.2 | 20.7 |

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 | -7.0 | -8.5 |

Corrected Glare Indices referring to 10320lm Total Luminous Flux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# Fifty+ Surface Custom accessories

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MANDATORY FOR INSTALLATION

| FIFTY +Diffuser ( x meter) | LOR |
|---|---|
| A447-00-00 | 70% |

Max length 30 m.

| FIFTY +UGR Diffuser ( x meter)* | LOR |
|---|---|
| A447-00-10 | 47% |

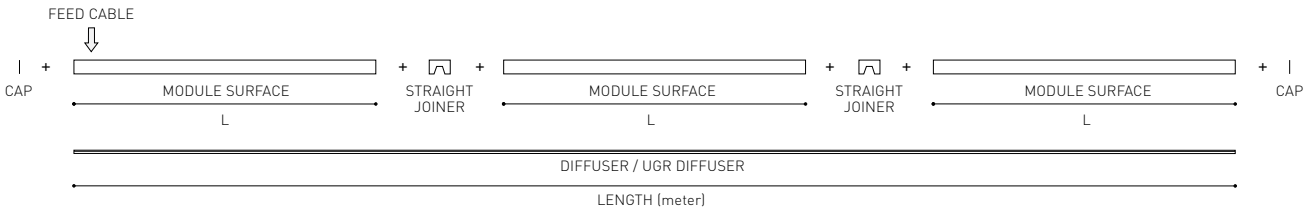
Max length 30 m.

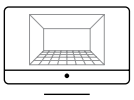
| FIFTY +End Caps Kit |
|---|
| A447-00-20- \| WT \| NT \| |

| FIFTY +Straight Joiner |
|---|
| A447-00-30 |

| FIFTY +Power Line |
|---|
| A443-00-00 |

## Connection diagram:



**PRODUCT CONFIGURATOR**

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 →

COLOUR | WT ☐ | NT ■ | MATERIAL | AL | PC |

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# Ecodesign and Energy Labelling

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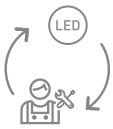



Fuente de luz (LED) reemplazable por un profesional autorizado

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

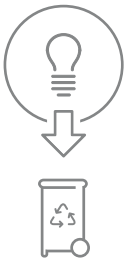
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

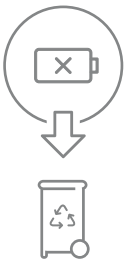
Auswechselbares Betriebsgerät durch autorisierten Fachmann

## 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:

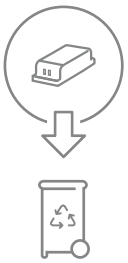
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

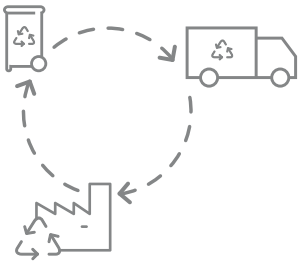


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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