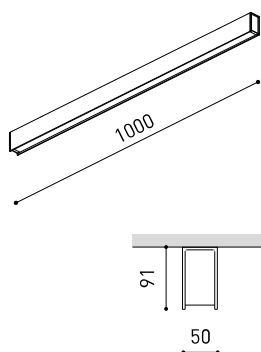


## Dimensions



## Accessories



### PRODUCT

|           |  |
|-----------|--|
| Name      | FIFTY+ HQ SURFACE CUSTOM 100 DIM DALI 4000K NT |
| Reference | A4431122NT                                     |
| Color     | Textured black                                 |
| RAL       | 9005   |
| Category  | CUSTOM SYSTEMS                                 |

### LIGHT SOURCE

|                         |                 |
|-------------------------|-----------------|
| Type                    | LED             |
| Gross luminous flux     | 3440 lm         |
| Colour temperature      | 4000 K          |
| Chromatic stability     | MacAdam Step 2  |
| Colour Rendering Index  | CRI>90          |
| Power                   | 23,6 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  | 26,94 W                 |
| Frequency                   | 50/60 Hz                |
| Dimming                     | DALI                    |
| Electrical insulation class | ⚡                       |

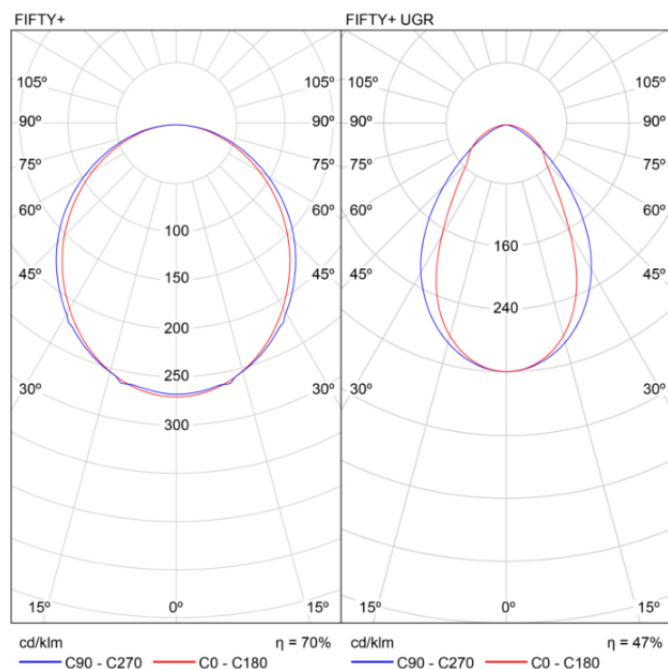
### OTHER DATA

|                      |                           |
|----------------------|---------------------------|
| Sealing              | IP20                      |
| Wireless control     | Please Consult            |
| Diffuser included    | No                        |
| Weight               | 2920 g                    |
| Packaged weight      | 4480 g                    |
| Packaging dimensions | Ø157,5 x 1640 mm          |
| Units per package    | 1                         |
| Materials            | Aluminium / Polycarbonate |

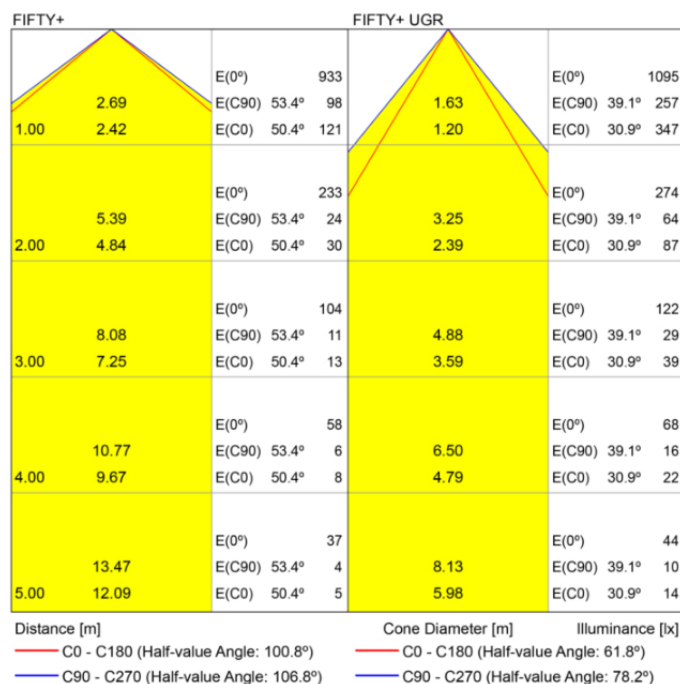


Fifty+ is the longitudinal lighting profile for Custom application. Fifty + adds functional light and visual support to highlight the lines, volumes and transitions defined in the architecture. Having an Opal diffuser which disperses the light and a UGR diffuser that reduces the glare angle. Both are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

## Polar diagram



## Conical diagram



## UGR

| Glare Evaluation According to UGR                               |  |  |      |      |      |      |      |   |      |      |      |      |    |
|---|--|--|------|------|------|------|------|---|------|------|------|------|----|
| a Ceiling   |  | 70   | 70   | 50   | 50   | 30   | 30   | 70                                      | 70   | 50   | 50   | 30   | 30 |
| b Walls   |  | 50   | 30   | 50   | 30   | 50   | 30   | 50                                      | 30   | 50   | 30   | 50   | 30 |
| c Floor   |  | 20   | 20   | 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   | 21.3 | 22.6 | 21.6 | 22.9 | 23.1 | 21.7                                    | 23.0 | 22.0 | 23.2 | 23.5 |    |
|   | 3H   | 21.3   | 24.2 | 23.3 | 24.4 | 24.7 |      | 23.4                                    | 24.6 | 23.8 | 24.9 | 25.2 |    |
|   | 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 | 25.4 | 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   | 26.0 | 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 | 26.5 | 26.8 | 27.3 |      | 26.5                                    | 26.9 | 27.0 | 27.3 | 27.8 |    |
|   | 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 |    |
| 12H   | 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  |  | 2.8  |      |      |      |      |      | 3.7                                     |      |      |      |      |    |
| Corrected Glare Indices referring to 3440lm Total Luminous Flux |  |  |      |      |      |      |      |   |      |      |      |      |    |

## UGR

| Glare Evaluation According to UGR                                |      |  |      |      |      |      |   |      |      |      |      |      |
|--|------|--|------|------|------|------|---|------|------|------|------|------|
| e Ceiling  |      | 70   | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   | 30   |
| e Walls  |      | 50   | 30   | 50   | 30   | 30   | 50                                      | 30   | 50   | 30   | 30   | 30   |
| e Floor  |      | 20   | 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   | 16.8   | 17.9 | 17.1 | 18.1 | 18.3 | 16.3                                    | 17.3 | 16.5 | 17.5 | 17.7 | 17.7 |
|  | 3H   | 18.5   | 19.4 | 18.8 | 19.7 | 19.9 | 17.4                                    | 18.3 | 17.7 | 18.5 | 18.8 | 18.8 |
|  | 4H   | 19.1   | 20.0 | 19.4 | 20.2 | 20.5 | 17.7                                    | 18.6 | 18.1 | 18.9 | 19.1 | 19.1 |
|  | 6H   | 19.5   | 20.3 | 19.8 | 20.6 | 20.9 | 18.0                                    | 18.8 | 18.3 | 19.1 | 19.1 | 19.4 |
|  | 8H   | 19.6   | 20.4 | 19.9 | 20.7 | 21.0 | 18.1                                    | 18.9 | 18.4 | 19.2 | 19.5 | 19.5 |
|  | 12H  | 19.6   | 20.4 | 20.0 | 20.7 | 21.0 | 18.1                                    | 18.9 | 18.5 | 19.2 | 19.5 | 19.5 |
| 4H   | 2H   | 17.1   | 18.0 | 17.4 | 18.3 | 18.5 | 16.6                                    | 17.5 | 17.0 | 17.8 | 18.1 | 18.1 |
|  | 3H   | 19.0   | 19.7 | 19.3 | 20.0 | 20.4 | 18.0                                    | 18.7 | 18.3 | 19.0 | 19.3 | 19.3 |
|  | 4H   | 19.7   | 20.4 | 20.1 | 20.7 | 21.1 | 18.5                                    | 19.1 | 18.9 | 19.5 | 19.8 | 19.8 |
|  | 6H   | 20.2   | 20.8 | 20.6 | 21.2 | 21.5 | 18.8                                    | 19.4 | 19.3 | 19.8 | 20.2 | 20.2 |
|  | 8H   | 20.4   | 20.9 | 20.8 | 21.3 | 21.7 | 19.0                                    | 19.5 | 19.4 | 19.9 | 20.3 | 20.3 |
|  | 12H  | 20.5   | 20.9 | 20.9 | 21.3 | 21.8 | 19.1                                    | 19.5 | 19.5 | 19.9 | 20.3 | 20.3 |
| 8H   | 4H   | 19.8   | 20.4 | 20.3 | 20.7 | 21.1 | 18.7                                    | 19.2 | 19.1 | 19.6 | 20.0 | 20.0 |
|  | 6H   | 20.5   | 20.9 | 20.9 | 21.3 | 21.7 | 19.2                                    | 19.6 | 19.7 | 20.0 | 20.5 | 20.5 |
|  | 8H   | 20.7   | 21.0 | 21.2 | 21.5 | 22.0 | 19.4                                    | 19.7 | 19.9 | 20.2 | 20.7 | 20.7 |
|  | 12H  | 20.8   | 21.1 | 21.3 | 21.6 | 22.1 | 19.5                                    | 19.8 | 20.0 | 20.3 | 20.8 | 20.8 |
|  | 4H   | 19.8   | 20.3 | 20.3 | 20.7 | 21.1 | 18.7                                    | 19.2 | 19.2 | 19.6 | 20.0 | 20.0 |
|  | 6H   | 20.5   | 20.8 | 21.0 | 21.3 | 21.8 | 19.3                                    | 19.6 | 19.7 | 20.1 | 20.5 | 20.5 |
| 12H  | 8H   | 20.7   | 21.0 | 21.2 | 21.5 | 22.0 | 19.5                                    | 19.8 | 20.0 | 20.2 | 20.7 | 20.7 |
|  | 4H   | 19.8   | 20.3 | 20.3 | 20.7 | 21.1 | 18.7                                    | 19.2 | 19.2 | 19.6 | 20.0 | 20.0 |
|  | 6H   | 20.5   | 20.8 | 21.0 | 21.3 | 21.8 | 19.3                                    | 19.6 | 19.7 | 20.1 | 20.5 | 20.5 |
| 8H   | 20.7 | 21.0   | 21.2 | 21.5 | 22.0 | 19.5 | 19.8                                    | 20.0 | 20.2 | 20.7 | 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   |      | -3.2   |      |      |      |      | -4.7                                    |      |      |      |      |      |
| Corrected Glare Indices referring to 3440lm Total Luminous Flux  |      |  |      |      |      |      |   |      |      |      |      |      |

MANDATORY FOR INSTALLATION

|            |     |
|------------|-----|
|            | LOR |
| A447-00-00 | 70% |

Max length 30 m.



|            |     |
|------------|-----|
|            | LOR |
| A447-00-10 | 47% |

Max length 30 m.



|                       |
|-----------------------|
| A447-00-20-   WT   NT |
|-----------------------|



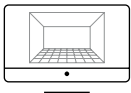
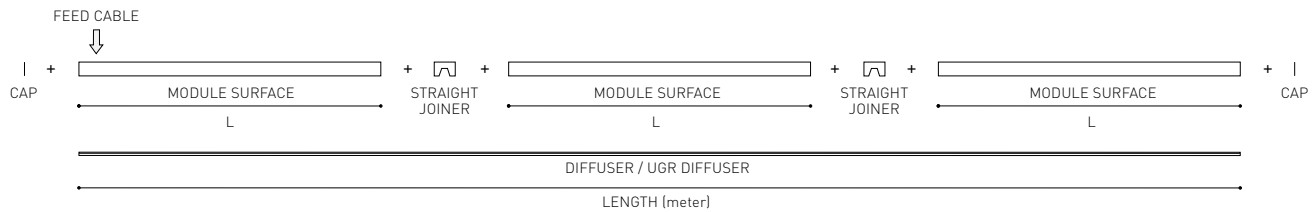
|            |
|------------|
| A447-00-30 |
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|            |
|------------|
| A443-00-00 |
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Connection diagram:



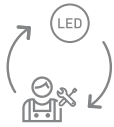
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COLOUR | WT ☐ | NT ☒ | MATERIAL | ☒ AL | ☐ PC |





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:

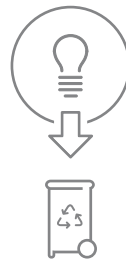
### Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

### Istruzioni per il fine vita e lo smaltimento dei componenti:

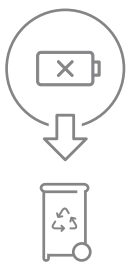
### Anweisungen zur entsorgung der Leuchtenkomponenten:



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

