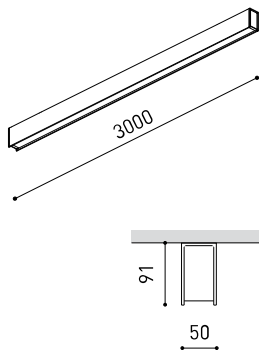




## GRÖÖE



## ZUBEHÖR



CUSTOM ACCESSORIES  
(MANDATORY)

## PRODUKT

|               |                                                |
|---------------|------------------------------------------------|
| Name          | FIFTY+ HO SURFACE CUSTOM 300 DIM DALI 4000K WT |
| Artikelnummer | A4431422WT                                     |
| Farbe         | Weiß strukturiert                              |
| RAL           | 9016                                           |
| Kategorie     | CUSTOM SYSTEMS                                 |

## LICHTQUELLE

|                                            |                  |
|--------------------------------------------|------------------|
| Typ                                        | LED              |
| Bruttolichtstrom                           | 10320 lm         |
| Farbtemperatur                             | 4000 K           |
| Farbstabilität                             | MacAdam Step 2   |
| Farbwiedergabeindex                        | CRI > 90         |
| Leistung                                   | 70,8 W           |
| Stromstärke                                | 1050 mA          |
| Lichtausbeute                              | 142 lm/W         |
| Nutzlebensdauer der LED in Betriebsstunden | L80B10 > 60.000h |

## LEUCHTE | PHOTOMETRISCHE DATEN

|                            |                |
|----------------------------|----------------|
| Leuchtenwirkungsgrad (LOR) | 70% / UGR 47%  |
| Abstrahlwinkel             | 104° / UGR 62° |

## LEUCHTE | ELEKTRISCHE DATEN

|                            |                                    |
|----------------------------|------------------------------------|
| Driver                     | Inklusiv - Schnellanschluss-System |
| Leistungswerte des Systems | 78,75 W                            |
| Spannung                   | 220V/240V                          |
| Frequenz                   | 50/60 Hz                           |
| Helligkeitssteuerung       | DALI                               |
| Schutzklasse               | ⚡                                  |

## ANDERE DATEN

|                                    |                          |
|------------------------------------|--------------------------|
| Dichtigkeit                        | IP20                     |
| Wireless control                   | Bitte anfragen           |
| Diffusor im Lieferumfang enthalten | No                       |
| Gewicht                            | 8320 g                   |
| Gewicht inkl. Verpackung           | 12470 g                  |
| Abmessungen der Verpackung         | Ø157,5 x 1140 mm         |
| Stück pro Verpackung               | 1                        |
| Materialien                        | Aluminium / Polycarbonat |

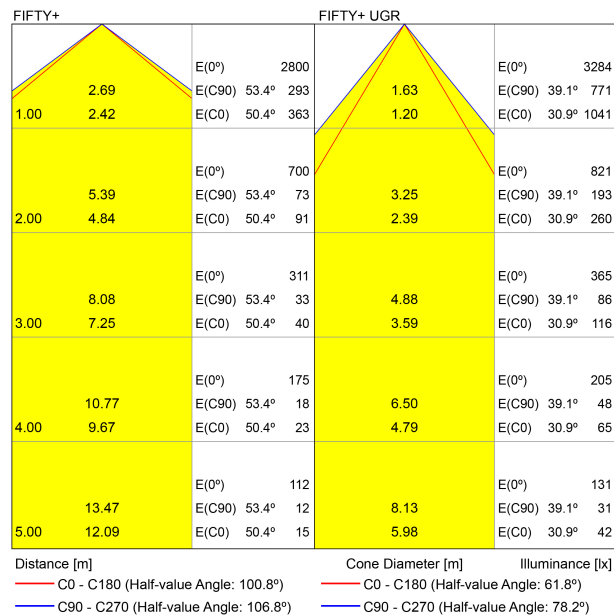


Fifty + ist das langgestreckte Beleuchtungsprofil für die Custom Anwendung. Fifty + bietet funktionelles Licht und visuelle Unterstützung, um die in der Architektur definierten Linien, Volumina und Durchgänge zu markieren. Er hat einen Opal-Diffusor, der das Licht streut, und einen UGR-Diffusor, der den Blendwinkel reduziert. Beide werden aus einem Stück über die gesamte Länge installiert, um den Lichtstrahl nicht zu unterbrechen.

POLAR-KOORDINATEN DIAGRAMM



KEGELDIAGRAMM



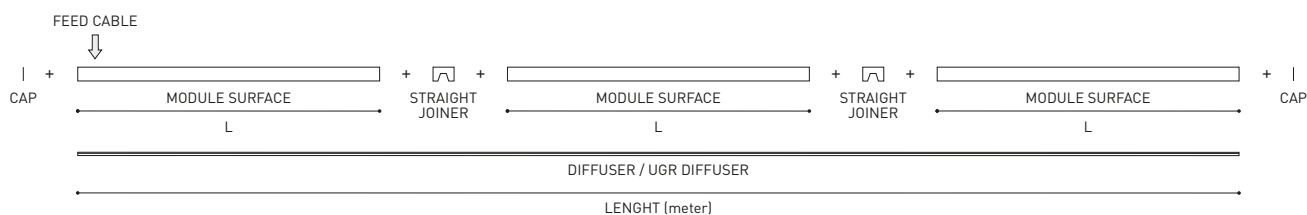
UGR

| Glare Evaluation According to UGR                                |     |                                                |      |      |      |      |                                         |      |      |      |      |    |
|------------------------------------------------------------------|-----|------------------------------------------------|------|------|------|------|-----------------------------------------|------|------|------|------|----|
| p Ceiling                                                        |     | 70                                             | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   | 30 |
| p Walls                                                          |     | 50                                             | 30   | 50   | 30   | 30   | 50                                      | 30   | 50   | 30   | 30   | 30 |
| p 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  | 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 |    |
|                                                                  | 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 |    |
|                                                                  | 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 |    |
| 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                                 |     |                                                |      |      |      |      |                                         |      |      |      |      |      |
|-------------------------------------------------------------------|-----|------------------------------------------------|------|------|------|------|-----------------------------------------|------|------|------|------|------|
| p Ceiling                                                         |     | 70                                             | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   | 30   |
| p Walls                                                           |     | 50                                             | 30   | 50   | 30   | 30   | 50                                      | 30   | 50   | 30   | 30   | 30   |
| p 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  | 16.9                                           | 17.9 | 17.1 | 18.1 | 18.3 | 16.3                                    | 17.3 | 16.6 | 17.5 | 17.8 | 18.1 |
|                                                                   | 3H  | 18.5                                           | 19.5 | 18.8 | 19.7 | 20.0 | 17.4                                    | 18.3 | 17.7 | 18.6 | 18.8 | 19.1 |
|                                                                   | 4H  | 19.1                                           | 20.0 | 19.4 | 20.3 | 20.5 | 17.7                                    | 18.6 | 18.1 | 18.9 | 19.2 | 19.5 |
|                                                                   | 6H  | 19.5                                           | 20.3 | 19.8 | 20.6 | 20.9 | 18.0                                    | 18.8 | 18.4 | 19.1 | 19.4 | 19.7 |
|                                                                   | 8H  | 19.6                                           | 20.4 | 20.0 | 20.7 | 21.0 | 18.1                                    | 18.9 | 18.4 | 19.2 | 19.5 | 19.8 |
|                                                                   | 12H | 19.7                                           | 20.4 | 20.0 | 20.7 | 21.1 | 18.1                                    | 18.9 | 18.5 | 19.2 | 19.5 | 19.8 |
| 4H                                                                | 2H  | 17.1                                           | 18.0 | 17.5 | 18.3 | 18.6 | 16.7                                    | 17.5 | 17.0 | 17.8 | 18.1 | 18.5 |
|                                                                   | 3H  | 19.0                                           | 19.7 | 19.4 | 20.1 | 20.4 | 18.0                                    | 18.7 | 18.3 | 19.0 | 19.4 | 19.7 |
|                                                                   | 4H  | 19.7                                           | 20.4 | 20.1 | 20.7 | 21.1 | 18.5                                    | 19.1 | 18.9 | 19.5 | 19.8 | 20.1 |
|                                                                   | 6H  | 20.2                                           | 20.8 | 20.7 | 21.2 | 21.6 | 18.9                                    | 19.4 | 19.3 | 19.8 | 20.2 | 20.5 |
|                                                                   | 8H  | 20.4                                           | 20.9 | 20.8 | 21.3 | 21.7 | 19.0                                    | 19.5 | 19.4 | 19.9 | 20.3 | 20.6 |
|                                                                   | 12H | 20.5                                           | 21.0 | 20.9 | 21.4 | 21.8 | 19.1                                    | 19.5 | 19.5 | 19.9 | 20.3 | 20.6 |
| 8H                                                                | 4H  | 19.9                                           | 20.4 | 20.3 | 20.8 | 21.2 | 18.7                                    | 19.2 | 19.2 | 19.6 | 20.0 | 20.3 |
|                                                                   | 6H  | 20.5                                           | 20.9 | 20.9 | 21.3 | 21.8 | 19.2                                    | 19.6 | 19.7 | 20.1 | 20.5 | 20.8 |
|                                                                   | 8H  | 20.7                                           | 21.1 | 21.2 | 21.5 | 22.0 | 19.4                                    | 19.8 | 19.9 | 20.2 | 20.7 | 21.0 |
|                                                                   | 12H | 20.8                                           | 21.2 | 21.3 | 21.6 | 22.1 | 19.5                                    | 19.8 | 20.0 | 20.3 | 20.8 | 21.1 |
|                                                                   | 4H  | 19.9                                           | 20.3 | 20.3 | 20.7 | 21.1 | 18.7                                    | 19.2 | 19.2 | 19.6 | 20.0 | 20.3 |
|                                                                   | 6H  | 20.5                                           | 20.9 | 21.0 | 21.3 | 21.8 | 19.3                                    | 19.6 | 19.7 | 20.1 | 20.5 | 20.8 |
| 12H                                                               | 8H  | 20.7                                           | 21.0 | 21.2 | 21.5 | 22.0 | 19.5                                    | 19.8 | 20.0 | 20.2 | 20.7 | 21.0 |
|                                                                   | 12H | 20.8                                           | 21.2 | 21.3 | 21.6 | 22.1 | 19.5                                    | 19.8 | 20.0 | 20.3 | 20.8 | 21.1 |
| Variation of the observer position for the luminaires 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                                                        |     | -7.0                                           |      |      |      |      | -8.5                                    |      |      |      |      |      |
| Corrected Glare Indices referring to 103030m 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+ Power Line             | A443-00-00            |



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 |

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 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

