



## Größe



## Zubehör



TRIMLESS ACCESSORY  
(MANDATORY)

|   |  |
|---|--|
| <b>Name</b>                                       | BLACK FOSTER TRI 10 FLOOD DIM PH.CUT 3500K NMG |
| <b>Artikelnummer</b>                              | A5585053NMG                                    |
| <b>Farbe</b>                                      | Schwarz-Metallisiertes Gold                    |
| <b>RAL</b>  | Metallic-Finish                                |
| <b>Kategorie</b>                                  | CEILING RECESSED                               |
| <b>Typ</b>  | LED  |
| <b>Bruttolichtstrom</b>                           | 2300 lm  |
| <b>Farbtemperatur</b>                             | 3500 K   |
| <b>Farbstabilität</b>                             | MacAdam Step 3                                 |
| <b>Farbwiedergabeindex</b>                        | CRI>90   |
| <b>Leistung</b>                                   | 21 W   |
| <b>Stromstärke</b>                                | 700 mA   |
| <b>Lichtausbeute</b>                              | 110 lm/W                                       |
| <b>Nutzlebensdauer der LED in Betriebsstunden</b> | L90B10 >102.000h                               |
| <b>Energieeffizienzklasse</b>                     | F  |
| <b>Leuchtenwirkungsgrad (LOR)</b>                 | 92%  |
| <b>Abstrahlwinkel</b>                             | 38°  |
| <b>Driver</b>                                     | Inklusiv                                       |
| <b>Leistungswerte des Systems</b>                 | 24,88 W  |
| <b>Spannung</b>                                   | 220V/240V                                      |
| <b>Frequenz</b>                                   | 50/60 Hz                                       |
| <b>Helligkeitssteuerung</b>                       | Phasen-Dimmung                                 |
| <b>Schutzklasse</b>                               | <input type="checkbox"/>                       |
| <b>Dichtigkeit</b>                                | IP20   |
| <b>Wireless control</b>                           | Bitte anfragen                                 |
| <b>Notstromaggregat</b>                           | Bitte anfragen                                 |
| <b>Einbaumaße</b>                                 | 49 x 438 mm                                    |
| <b>Gewicht</b>                                    | 505 g  |
| <b>Gewicht inkl. Verpackung</b>                   | 710 g  |
| <b>Abmessungen der Verpackung</b>                 | 670 x 90 x 78 mm                               |
| <b>Stück pro Verpackung</b>                       | 1  |
| <b>Materialien</b>                                | Aluminium / Acrylnitril-Butadien-Styrol        |

## PRODUKT

## LICHTQUELLE

## LEUCHTE | PHOTOMETRISCHE DATEN

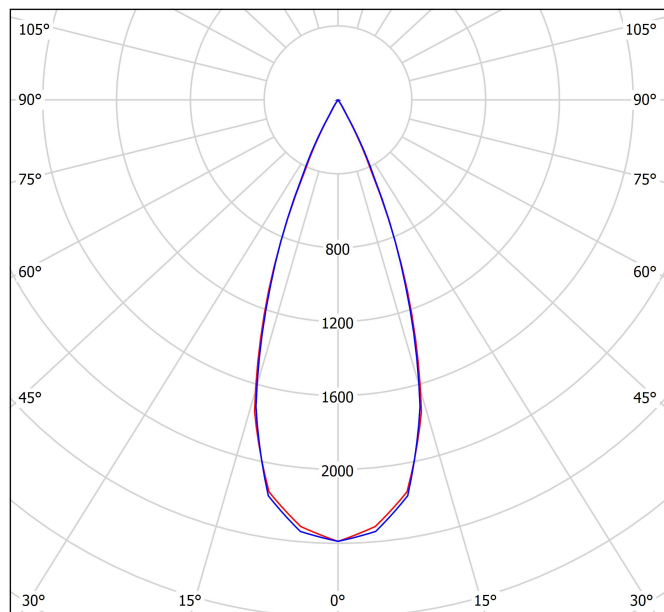
## LEUCHTE | ELEKTRISCHE DATEN

## ANDERE DATEN



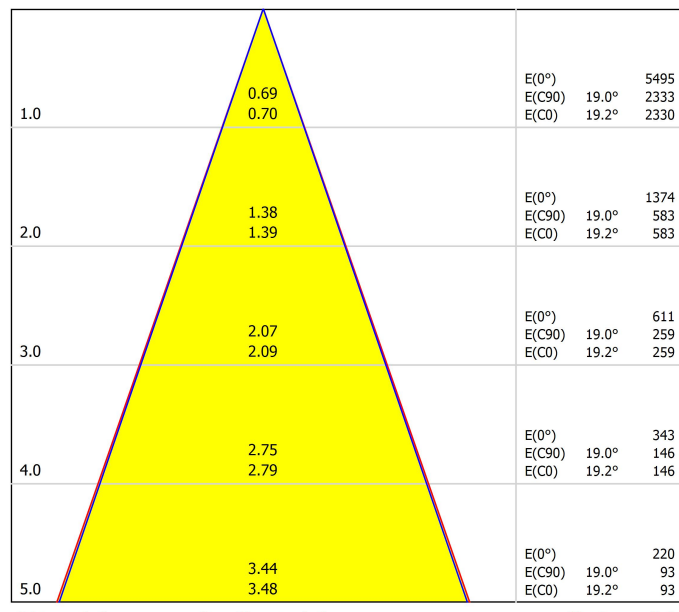
Black Foster ist das Produkt, das den „The Invisible Black“ -Effekt in eine lineare Einbauleuchte bringt, die als Einbau- und Trimless-Version erhältlich ist. Die Einbauvariante hat einen Rahmen, der so fein ist, dass er optisch nicht wahrnehmbar ist und eine Ästhetik von „Visual Trimless“ anbietet. Black Foster zeichnet sich durch eine hohe Abschirmung, einen ausgeprägten Sehkomfort und ein nahezu vollständiges Verbergen der Lichtquelle für den visuellen Zugang aus.

## Polar-koordinaten diagramm



cd/klm — C0 - C180 — C90 - C270 η = 92%

## Kegeldiagramm



Distance [m]      Cone Diameter [m]      Illuminance [lx]

— C0 - C180 (Half-value Angle: 38.4°)  
— C90 - C270 (Half-value Angle: 38.0°)

## UGR

| Glare Evaluation According to UGR                                |  |       |       |       |       |   |       |       |       |       |       |    |  |
|--|--|-------|-------|-------|-------|---|-------|-------|-------|-------|-------|----|--|
| ρ Ceiling  | 70   | 70    | 50    | 50    | 30    | 70                                      | 70    | 50    | 50    | 30    | 70    | 70 |  |
| ρ Walls  | 50   | 30    | 50    | 30    | 30    | 50                                      | 30    | 50    | 30    | 30    | 50    | 30 |  |
| ρ 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   | -13.2 | -12.5 | -12.9 | -12.3 | -12.1                                   | -14.0 | -13.4 | -13.8 | -13.2 | -13.0 |    |  |
|  | 3H   | -6.8  | -6.3  | -6.6  | -6.0  | -5.8                                    | -6.7  | -6.1  | -6.4  | -5.9  | -5.7  |    |  |
|  | 4H   | -3.3  | -2.8  | -3.0  | -2.5  | -2.3                                    | -2.8  | -2.2  | -2.5  | -2.0  | -1.7  |    |  |
|  | 6H   | 0.3   | 0.8   | 0.6   | 1.1   | 1.4                                     | 0.7   | 1.2   | 1.0   | 1.5   | 1.7   |    |  |
|  | 8H   | 2.2   | 2.6   | 2.5   | 2.9   | 3.2                                     | 2.5   | 3.0   | 2.8   | 3.2   | 3.5   |    |  |
| 4H   | 12H  | 4.1   | 4.6   | 4.5   | 4.9   | 5.2                                     | 4.5   | 5.0   | 4.8   | 5.3   | 5.6   |    |  |
|  | 2H   | -10.6 | -10.0 | -10.3 | -9.8  | -9.5                                    | -11.0 | -10.4 | -10.7 | -10.2 | -9.9  |    |  |
|  | 3H   | -4.6  | -4.2  | -4.3  | -3.9  | -3.5                                    | -4.4  | -4.0  | -4.1  | -3.7  | -3.4  |    |  |
|  | 4H   | -1.2  | -0.8  | -0.8  | -0.5  | -0.1                                    | -0.8  | -0.4  | -0.4  | -0.0  | 0.3   |    |  |
|  | 6H   | 2.4   | 2.7   | 2.8   | 3.1   | 3.4                                     | 2.7   | 3.0   | 3.1   | 3.4   | 3.7   |    |  |
| 8H   | 8H   | 4.2   | 4.5   | 4.7   | 4.9   | 5.3                                     | 4.5   | 4.8   | 4.9   | 5.2   | 5.6   |    |  |
|  | 12H  | 6.3   | 6.5   | 6.7   | 6.9   | 7.3                                     | 6.6   | 6.8   | 7.0   | 7.2   | 7.7   |    |  |
|  | 4H   | 0.3   | 0.6   | 0.8   | 1.0   | 1.4                                     | 0.6   | 0.9   | 1.0   | 1.3   | 1.7   |    |  |
|  | 6H   | 4.0   | 4.2   | 4.4   | 4.6   | 5.1                                     | 4.2   | 4.4   | 4.6   | 4.8   | 5.3   |    |  |
|  | 8H   | 6.0   | 6.1   | 6.4   | 6.6   | 7.0                                     | 6.2   | 6.3   | 6.6   | 6.8   | 7.2   |    |  |
| 12H  | 12H  | 8.1   | 8.3   | 8.6   | 8.7   | 9.2                                     | 8.4   | 8.5   | 8.9   | 9.0   | 9.5   |    |  |
|  | 4H   | 0.9   | 1.1   | 1.3   | 1.5   | 1.9                                     | 1.1   | 1.3   | 1.5   | 1.7   | 2.2   |    |  |
|  | 6H   | 4.6   | 4.8   | 5.0   | 5.2   | 5.7                                     | 4.7   | 4.9   | 5.2   | 5.4   | 5.8   |    |  |
|  | 8H   | 6.7   | 6.8   | 7.1   | 7.3   | 7.8                                     | 6.8   | 7.0   | 7.3   | 7.4   | 7.9   |    |  |
| Variation of the observer position for the luminaire distances S |  |       |       |       |       |   |       |       |       |       |       |    |  |
| S = 1.0H   | +0.9 / -0.3                                    |       |       |       |       | +1.3 / -0.4                             |       |       |       |       |       |    |  |
| S = 1.5H   | +1.9 / -0.6                                    |       |       |       |       | +2.7 / -0.7                             |       |       |       |       |       |    |  |
| S = 2.0H   | +3.1 / -0.8                                    |       |       |       |       | +4.2 / -1.0                             |       |       |       |       |       |    |  |
| Standard table   | ---  |       |       |       |       | ---                                     |       |       |       |       |       |    |  |
| Correction Summand   | ---  |       |       |       |       | ---                                     |       |       |       |       |       |    |  |
| Corrected Glare Indices referring to 2300lm Total Luminous Flux  |  |       |       |       |       |   |       |       |       |       |       |    |  |

## Installationsanleitung



<https://youtu.be/tgGsQdaYe-w>

MANDATORY FOR INSTALLATION



|                     |   |
|---------------------|---|
| Model               | <b>BLACK FOSTER Trimless 10 Accessory</b>   |
| Reference           | <b>A560-00-10-   W   N  </b>  |
| Recess measurements |  <b>49 X 438</b> |

MANDATORY FOR INSTALLATION

## Easy installation

Accessible driver after installation





## DRIVER

0000-91-30-S2 DRIVER OT FIT 30/220-240/700 CS PC+TAPA CONF.700mA

## PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number                        | Dimming Type           |
|----------------------|-------------------------------------|------------------------|
| Busch                | 2247U                               | Leading edge           |
| Busch                | 6523 U                              | Leading edge           |
| Legrand              | Cat 400T                            | Trailing edge          |
| Legrand              | 6708300%                            | Trailing edge          |
| Legrand              | 77006200%                           | Trailing edge          |
| NIKO                 | 310-01900                           | Trailing edge          |
| NIKO                 | 310-02700                           | Trailing edge          |
| NIKO                 | 310-02800                           | Trailing edge          |
| OSRAM                | MCU Te250                           | Trailing edge          |
| Siemens              | 5TC8 284                            | Trailing edge          |
| Diginet              | MEDM/LED Smart phase<br>[DGLCDM400] | Trailing edge          |
| Clipsal              | 32ELEDM                             | Trailing edge          |
| Hager B&R            | WBMD400LED                          | Trailing edge          |
| V-PRO                | 250W MAX. GLS                       | Trailing edge          |
| SG                   | LEDDIM 400                          | Trailing edge          |
| ELKO                 | 316 GLED                            | Leading edge           |
| Hamilton             | LEDIT-B100                          | Trailing edge          |
| VLTIMATE             | GU6012L                             | Trailing edge          |
| SHUTTLE              | SDIM-T-LED500W                      | Leading edge           |
| RADIANT              | LEDDIMO4-500W                       | Trailing edge          |
| GIRA                 | 238500%                             | Trailing /Leading edge |
| JUNG                 | 122400%                             | Trailing /Leading edge |

THE PARTICULAR CONDITIONS OF EACH INSTALLATION AND THE SPECIFICATIONS AND CONDITIONS OF USE OF EACH REGULATOR, MAY DIFFER FROM THOSE CONSIDERED IN THE COMPATIBILITY TESTING, AND AFFECT ITS PERFORMANCE IN SAID INSTALLATION.

FOR MORE INFO, PLEASE CONSULT



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

