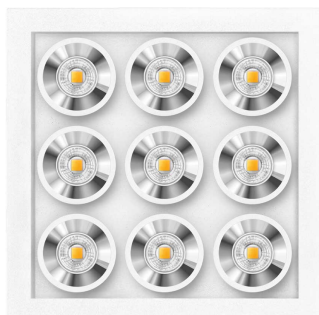
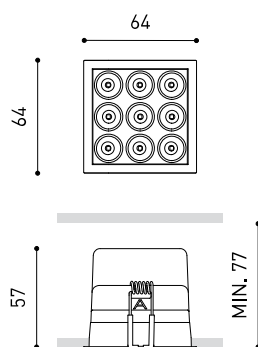




## GRÖÖE



## PREISE



|               |                                                    |
|---------------|----------------------------------------------------|
| Name          | BLACK FOSTER MICRO RECESSED 3X3 DIM PH.CUT 2700K W |
| Artikelnummer | A4144050W                                          |
| Farbe         | Weiß - Chrom                                       |
| RAL           | Farbe in der Serie ähnlich RAL 9010                |
| Kategorie     | CEILING RECESSED                                   |

## PRODUKT

|                                            |                 |
|--------------------------------------------|-----------------|
| Typ                                        | LED             |
| Bruttolichtstrom                           | 1395 lm         |
| Farbtemperatur                             | 2700 K          |
| Farbstabilität                             | MacAdam Step 3  |
| Farbwiedergabeindex                        | CRI>90          |
| Leistung                                   | 12,6 W          |
| Stromstärke                                | 500 mA          |
| Lichtausbeute                              | 111 lm/W        |
| Nutzlebensdauer der LED in Betriebsstunden | L90B10 >60.000h |

## LICHTQUELLE

|                            |     |
|----------------------------|-----|
| Leuchtenwirkungsgrad (LOR) | 87% |
| Abstrahlwinkel             | 37° |

## LEUCHTE | PHOTOMETRISCHE DATEN

|                            |                          |
|----------------------------|--------------------------|
| Driver                     | Inklusiv                 |
| Leistungswerte des Systems | 15,11 W                  |
| Spannung                   | 220V/240V                |
| Frequenz                   | 50/60 Hz                 |
| Helligkeitssteuerung       | Phasen-Dimmung           |
| Schutzklasse               | <input type="checkbox"/> |

## LEUCHTE | ELEKTRISCHE DATEN

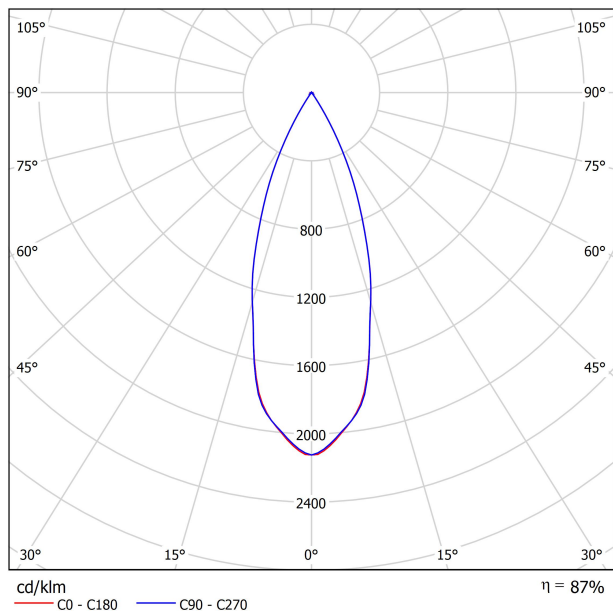
|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| Dichtigkeit                | IP20                                                   |
| Wireless control           | Bitte anfragen                                         |
| Notstromaggregat           | Bitte anfragen                                         |
| Einbaumaße                 | 60 x 60 mm                                             |
| Gewicht                    | 308 g                                                  |
| Gewicht inkl. Verpackung   | 403 g                                                  |
| Abmessungen der Verpackung | 156 x 105 x 65 mm                                      |
| Stück pro Verpackung       | 1                                                      |
| Materialien                | Aluminium / Acrylnitril-Butadien-Styrol / Polycarbonat |

## ANDERE DATEN

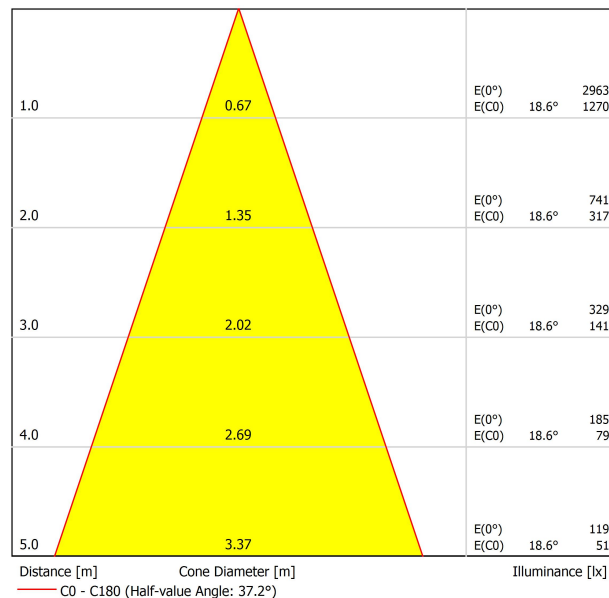


Black Foster Micro ist eine technische Meisterleistung, die den gefeierten „The Invisible Black“-Effekt in einer hyper-reduzierten Leuchte umsetzt. Ihre winzige Größe und der sehr schmale Rahmen bieten eine „trimless visual“-Ästhetik, die aufgrund ihrer kompakten Maße mit einer fast unbemerkten Präsenz einhergeht. Black Foster Micro dient der Allgemein- oder Akzentbeleuchtung und kann in Projekten eingesetzt werden, bei denen die Beleuchtung in der Decke möglichst wenig hervortreten soll.

## POLAR-KOORDINATEN DIAGRAMM

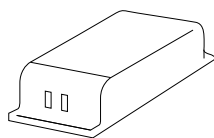


## KEGELDIAGRAMM



## 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<br>X Y                                                 |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |    |
| 2H                                                               | 2H  | -3.7                                              | -3.1 | -3.4 | -2.9 | -2.7 | -3.3                                       | -2.7 | -3.1 | -2.5 | -2.3 |    |
|                                                                  | 3H  | -0.8                                              | -0.2 | -0.5 | 0.0  | 0.3  | -0.4                                       | 0.2  | -0.1 | 0.4  | 0.7  |    |
|                                                                  | 4H  | 1.1                                               | 1.7  | 1.4  | 1.9  | 2.2  | 1.4                                        | 2.0  | 1.7  | 2.2  | 2.5  |    |
|                                                                  | 6H  | 2.9                                               | 3.4  | 3.2  | 3.7  | 4.0  | 3.3                                        | 3.8  | 3.7  | 4.1  | 4.4  |    |
|                                                                  | 8H  | 4.2                                               | 4.7  | 4.5  | 5.0  | 5.3  | 4.5                                        | 5.0  | 4.9  | 5.3  | 5.6  |    |
| 4H                                                               | 12H | 5.5                                               | 5.9  | 5.8  | 6.2  | 6.5  | 6.0                                        | 6.5  | 6.3  | 6.8  | 7.1  |    |
|                                                                  | 2H  | -2.9                                              | -2.3 | -2.6 | -2.1 | -1.8 | -2.6                                       | -2.0 | -2.3 | -1.8 | -1.5 |    |
|                                                                  | 3H  | 0.5                                               | 0.9  | 0.8  | 1.2  | 1.5  | 0.7                                        | 1.2  | 1.0  | 1.5  | 1.8  |    |
|                                                                  | 4H  | 2.7                                               | 3.1  | 3.1  | 3.5  | 3.8  | 2.9                                        | 3.2  | 3.2  | 3.6  | 3.9  |    |
|                                                                  | 6H  | 4.6                                               | 5.0  | 5.0  | 5.3  | 5.7  | 5.0                                        | 5.3  | 5.4  | 5.6  | 6.0  |    |
| 8H                                                               | 12H | 6.0                                               | 6.3  | 6.4  | 6.7  | 7.1  | 6.3                                        | 6.6  | 6.7  | 6.9  | 7.3  |    |
|                                                                  | 2H  | 7.4                                               | 7.6  | 7.8  | 8.0  | 8.5  | 7.9                                        | 8.1  | 8.3  | 8.5  | 8.9  |    |
|                                                                  | 4H  | 3.5                                               | 3.8  | 3.9  | 4.2  | 4.6  | 3.6                                        | 3.9  | 4.0  | 4.3  | 4.7  |    |
|                                                                  | 6H  | 5.7                                               | 6.0  | 6.2  | 6.4  | 6.8  | 6.0                                        | 6.2  | 6.5  | 6.7  | 7.1  |    |
|                                                                  | 8H  | 7.3                                               | 7.4  | 7.7  | 7.9  | 8.3  | 7.5                                        | 7.7  | 7.9  | 8.1  | 8.6  |    |
| 12H                                                              | 12H | 8.9                                               | 9.0  | 9.4  | 9.5  | 10.0 | 9.3                                        | 9.4  | 9.8  | 9.9  | 10.4 |    |
|                                                                  | 4H  | 3.7                                               | 4.0  | 4.2  | 4.4  | 4.8  | 3.8                                        | 4.1  | 4.2  | 4.5  | 4.9  |    |
|                                                                  | 6H  | 6.1                                               | 6.3  | 6.6  | 6.7  | 7.2  | 6.3                                        | 6.5  | 6.8  | 7.0  | 7.4  |    |
|                                                                  | 8H  | 7.7                                               | 7.9  | 8.2  | 8.3  | 8.8  | 7.9                                        | 8.1  | 8.4  | 8.5  | 9.0  |    |
| Variation of the observer position for the luminance distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |
| S = 1.0H                                                         |     | +5.5 / -3.3                                       |      |      |      |      | +5.4 / -3.1                                |      |      |      |      |    |
| S = 1.5H                                                         |     | +8.2 / -3.6                                       |      |      |      |      | +8.1 / -3.5                                |      |      |      |      |    |
| S = 2.0H                                                         |     | +10.3 / -4.1                                      |      |      |      |      | +10.2 / -3.9                               |      |      |      |      |    |
| Standard table                                                   |     | BK02                                              |      |      |      |      | BK02                                       |      |      |      |      |    |
| Correction                                                       |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |
| Summand                                                          |     | -8.0                                              |      |      |      |      | -7.9                                       |      |      |      |      |    |
| Corrected Glare Indices referring to 1395lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |



## DRIVER

|            |                            |
|------------|----------------------------|
| 0000-94-45 | DRIVER PHASE CUT 15W 500mA |
|------------|----------------------------|

## PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number             | Dimming Type  |
|----------------------|--------------------------|---------------|
| Berker               | 2874                     | Trailing edge |
| Busch-Jaeger         | 6513 U-102               | Trailing edge |
| Busch-Jaeger         | 6523 U-102               | Trailing edge |
| Busch-Jaeger         | 6523 UR-103              | Trailing edge |
| Clipsal              | 32E450UDM                | Trailing edge |
| Egant                | U327                     | Trailing edge |
| Etman                | ETM321P                  | Trailing edge |
| Etman                | ETM322P                  | Trailing edge |
| HZC Electric         | AU-P3                    | Trailing edge |
| Jung                 | 225 TDE                  | Trailing edge |
| Jung                 | LB-Management            | Trailing edge |
| Legrand HPM          | CAT400T                  | Trailing edge |
| Merten               | SBD200LED (MEG5134-0000) | Trailing edge |
| Niko                 | 310-0190X                | Trailing edge |
| Schneider            | CCTSE12011               | Trailing edge |
| Schneider            | SBD315RC                 | Trailing edge |
| Casambi              | CBU-TED                  | Trailing 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 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



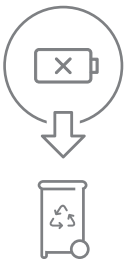
Quitar la(s) fuente(s) de luz para el desecho

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

