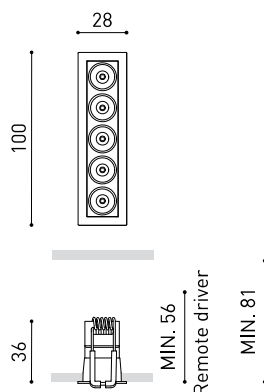




## GRÖÖE



## PREISE



|               |                                                  |
|---------------|--------------------------------------------------|
| Name          | BLACK FOSTER MICRO RECESSED 5 DIM PH.CUT 2700K N |
| Artikelnummer | A4142050N                                        |
| Farbe         | Schwarz                                          |
| RAL           | 9005                                             |
| Kategorie     | CEILING RECESSED                                 |

## PRODUKT

|               |                                                  |
|---------------|--------------------------------------------------|
| Name          | BLACK FOSTER MICRO RECESSED 5 DIM PH.CUT 2700K N |
| Artikelnummer | A4142050N                                        |
| Farbe         | Schwarz                                          |
| RAL           | 9005                                             |
| Kategorie     | CEILING RECESSED                                 |

## LICHTQUELLE

|                                            |                  |
|--------------------------------------------|------------------|
| Typ                                        | LED              |
| Bruttolichtstrom                           | 775 lm           |
| Farbtemperatur                             | 2700 K           |
| Farbstabilität                             | MacAdam Step 3   |
| Farbwiedergabeindex                        | CRI > 90         |
| Leistung                                   | 7 W              |
| Stromstärke                                | 500 mA           |
| Lichtausbeute                              | 111 lm/W         |
| Nutzlebensdauer der LED in Betriebsstunden | L90B10 > 60.000h |

## LEUCHTE | PHOTOMETRISCHE DATEN

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

## LEUCHTE | ELEKTRISCHE DATEN

|                            |                |
|----------------------------|----------------|
| Driver                     | Inklusiv       |
| Leistungswerte des Systems | 9,43 W         |
| Spannung                   | 220V/240V      |
| Frequenz                   | 50/60 Hz       |
| Helligkeitssteuerung       | Phasen-Dimmung |
| Schutzklasse               | □              |

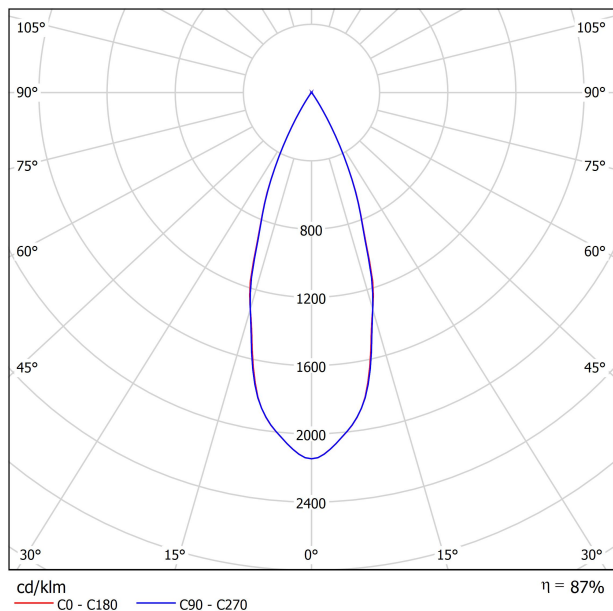
## ANDERE DATEN

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| Dichtigkeit                | IP20                                                   |
| Wireless control           | Bitte anfragen                                         |
| Notstromaggregat           | Bitte anfragen                                         |
| Einbaumaße                 | 24 x 96 mm                                             |
| Gewicht                    | 223 g                                                  |
| Gewicht inkl. Verpackung   | 283 g                                                  |
| Abmessungen der Verpackung | 176 x 61 x 50 mm                                       |
| Stück pro Verpackung       | 1                                                      |
| Materialien                | Aluminium / Acrylnitril-Butadien-Styrol / Polycarbonat |

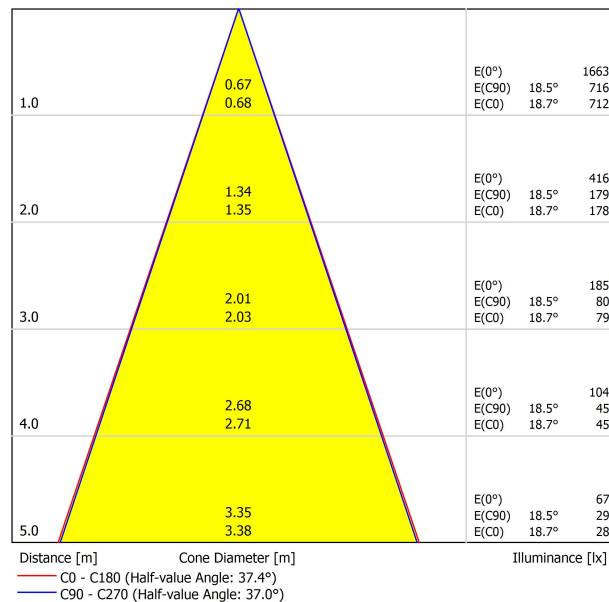


Black Foster Micro ist eine technische Meisterleistung, die den gefeierten „The Invisible Black“-Effekt in einer hyper-reduzierten Leuchte umsetzt. Ihre winzige Größe und der sehr schmale Rahmen bieten eine „trimless visual“-Ästhetik, die aufgrund ihrer kompakten Maße mit einer fast unbemerkten Präsenz 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

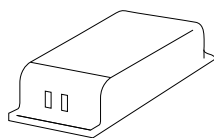


KEGELDIAGRAMM



UGR

| Glare Evaluation According to UGR                                 |    |                                                |      |      |      |      |                                         |      |      |      |      |      |
|-------------------------------------------------------------------|----|------------------------------------------------|------|------|------|------|-----------------------------------------|------|------|------|------|------|
|                                                                   |    | 70                                             | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   | 30   |
| 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 | 2.0                                            | 2.6  | 2.2  | 2.8  | 3.0  | 1.6                                     | 2.3  | 1.9  | 2.4  | 2.6  | 2.6  |
|                                                                   | 3H | 5.3                                            | 5.8  | 5.5  | 6.1  | 6.3  | 5.0                                     | 5.6  | 5.3  | 5.8  | 6.1  | 6.1  |
|                                                                   | 4H | 7.1                                            | 7.6  | 7.4  | 7.9  | 8.1  | 6.9                                     | 7.4  | 7.2  | 7.7  | 7.9  | 7.9  |
|                                                                   | 6H | 9.0                                            | 9.5  | 9.3  | 9.8  | 10.1 | 9.0                                     | 9.5  | 9.3  | 9.8  | 10.0 | 10.0 |
|                                                                   | 8H | 10.2                                           | 10.7 | 10.6 | 11.0 | 11.3 | 10.1                                    | 10.6 | 10.4 | 10.9 | 11.2 | 11.2 |
| 4H                                                                | 2H | 2.9                                            | 3.5  | 3.2  | 3.7  | 4.0  | 2.7                                     | 3.2  | 3.0  | 3.5  | 3.7  | 3.7  |
|                                                                   | 3H | 6.4                                            | 6.9  | 6.7  | 7.2  | 7.5  | 6.3                                     | 6.8  | 6.7  | 7.1  | 7.4  | 7.4  |
|                                                                   | 4H | 8.4                                            | 8.8  | 8.8  | 9.2  | 9.5  | 8.2                                     | 8.6  | 8.6  | 9.0  | 9.3  | 9.3  |
|                                                                   | 6H | 10.6                                           | 10.9 | 11.0 | 11.3 | 11.7 | 10.6                                    | 10.9 | 11.0 | 11.3 | 11.6 | 11.6 |
|                                                                   | 8H | 11.9                                           | 12.2 | 12.3 | 12.6 | 13.0 | 11.8                                    | 12.1 | 12.2 | 12.5 | 12.9 | 12.9 |
| 8H                                                                | 2H | 13.4                                           | 13.7 | 13.9 | 14.1 | 14.5 | 13.4                                    | 13.6 | 13.8 | 14.0 | 14.4 | 14.4 |
|                                                                   | 3H | 9.3                                            | 9.5  | 9.7  | 9.9  | 10.3 | 9.1                                     | 9.4  | 9.5  | 9.8  | 10.2 | 10.2 |
|                                                                   | 4H | 11.7                                           | 11.9 | 12.1 | 12.3 | 12.8 | 11.7                                    | 11.9 | 12.1 | 12.3 | 12.8 | 12.8 |
|                                                                   | 6H | 13.2                                           | 13.4 | 13.7 | 13.8 | 14.3 | 13.1                                    | 13.3 | 13.6 | 13.7 | 14.2 | 14.2 |
|                                                                   | 8H | 14.9                                           | 15.1 | 15.4 | 15.5 | 16.0 | 14.9                                    | 15.0 | 15.4 | 15.5 | 16.0 | 16.0 |
| 12H                                                               | 2H | 9.5                                            | 9.7  | 9.9  | 10.1 | 10.6 | 9.4                                     | 9.6  | 9.8  | 10.0 | 10.4 | 10.4 |
|                                                                   | 3H | 12.0                                           | 12.2 | 12.5 | 12.6 | 13.1 | 12.0                                    | 12.2 | 12.5 | 12.6 | 13.1 | 13.1 |
|                                                                   | 4H | 13.6                                           | 13.8 | 14.1 | 14.2 | 14.7 | 13.6                                    | 13.7 | 14.1 | 14.2 | 14.7 | 14.7 |
|                                                                   | 6H | 13.6                                           | 13.8 | 14.1 | 14.2 | 14.7 | 13.6                                    | 13.7 | 14.1 | 14.2 | 14.7 | 14.7 |
|                                                                   | 8H | 13.6                                           | 13.8 | 14.1 | 14.2 | 14.7 | 13.6                                    | 13.7 | 14.1 | 14.2 | 14.7 | 14.7 |
| Variation of the observer position for the luminaires distances S |    |                                                |      |      |      |      |                                         |      |      |      |      |      |
| S = 1.0H                                                          |    | +3.5 / -1.3                                    |      |      |      |      | +3.6 / -1.3                             |      |      |      |      |      |
| S = 1.5H                                                          |    | +6.0 / -1.6                                    |      |      |      |      | +6.0 / -1.6                             |      |      |      |      |      |
| S = 2.0H                                                          |    | +8.0 / -1.7                                    |      |      |      |      | +8.0 / -1.9                             |      |      |      |      |      |
| Standard table                                                    |    | ---                                            |      |      |      |      | ---                                     |      |      |      |      |      |
| Correction                                                        |    | ---                                            |      |      |      |      | ---                                     |      |      |      |      |      |
| Summand                                                           |    | ---                                            |      |      |      |      | ---                                     |      |      |      |      |      |
| Corrected Glare Indices referring to 775lm Total Luminous Flux    |    |                                                |      |      |      |      |                                         |      |      |      |      |      |



## DRIVER

|            |                            |
|------------|----------------------------|
| 0000-95-39 | DRIVER 10W 500mA PHASE CUT |
|------------|----------------------------|

## PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number  | Dimming Type  |
|----------------------|---------------|---------------|
| Niko                 | 310-0190X     | Trailing edge |
| Jung                 | LB-Management | Trailing edge |
| HZC Electric         | AU-P3         | Trailing edge |
| Philips              | SED-200A      | Trailing edge |
| Merten/Schneider     | SBD315RC      | Trailing edge |
| Etman                | ETM327        | Trailing edge |
| Etman                | ETM329        | 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

