



## DIMENSIONS



## AWARDS



|           |                                                  |
|-----------|--------------------------------------------------|
| Name      | BLACK FOSTER MICRO RECESSED 5 DIM PH.CUT 2700K W |
| Reference | A4142050W                                        |
| Color     | White - Chrome                                   |
| RAL       | Colour in the mass looks alike RAL 9010          |
| Category  | CEILING RECESSED                                 |

## PRODUCT

|                        |                 |
|------------------------|-----------------|
| Type                   | LED             |
| Gross luminous flux    | 775 lm          |
| Colour temperature     | 2700 K          |
| Chromatic stability    | MacAdam Step 3  |
| Colour Rendering Index | CRI>90          |
| Power                  | 7 W             |
| Current                | 500 mA          |
| Efficacy               | 111 lm/W        |
| LED lifespan           | L90B10 >60.000h |

## LIGHT SOURCE

|                     |     |
|---------------------|-----|
| Lighting efficiency | 87% |
| Light beam angle    | 37° |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                             |           |
|-----------------------------|-----------|
| Driver                      | Included  |
| Power values of the system  | 9,43 W    |
| Frequency                   | 50/60 Hz  |
| Dimming                     | Phase Cut |
| Electrical insulation class | □         |

## LIGHTING FIXTURE | ELECTRICAL DATA

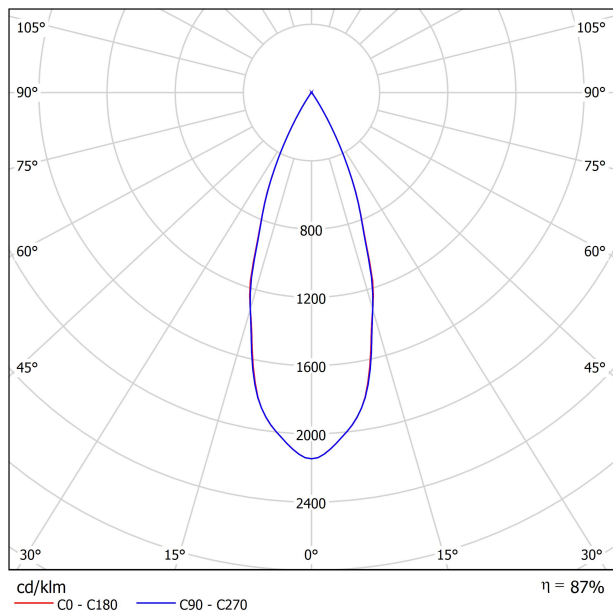
|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Sealing                | IP20                                                        |
| Wireless control       | Please Consult                                              |
| Emergency power supply | Please Consult                                              |
| Recess measurements    | 24 x 96 mm                                                  |
| Weight                 | 223 g                                                       |
| Packaged weight        | 283 g                                                       |
| Packaging dimensions   | 176 x 61 x 50 mm                                            |
| Units per package      | 1                                                           |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

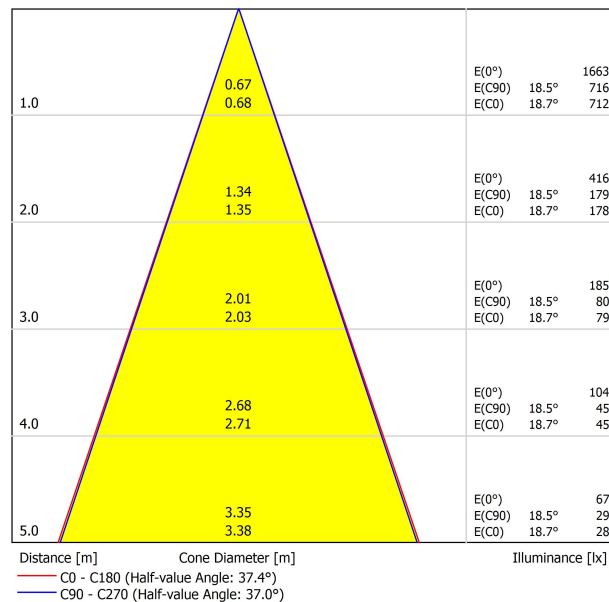


Black Foster Micro is a feat of engineering which brings the acclaimed 'The Invisible Black' effect to a hyper-reduced light. Its tiny size and thin trim offer a 'trimless visual' aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.

POLAR DIAGRAM



CONICAL DIAGRAM



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                                                               | 4H | 9.5                                            | 9.7  | 9.9  | 10.1 | 10.6 | 9.4                                     | 9.6  | 9.8  | 10.0 | 10.4 | 10.4 |
|                                                                   | 6H | 12.0                                           | 12.2 | 12.5 | 12.6 | 13.1 | 12.0                                    | 12.2 | 12.5 | 12.6 | 13.1 | 13.1 |
|                                                                   | 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

