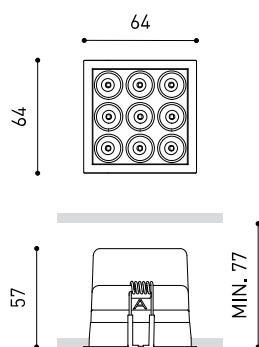




## DIMENSIONS



## AWARDS



|           |  |
|-----------|--|
| Name      | BLACK FOSTER MICRO RECESSED 3X3 DIM DALI 3500K N |
| Reference | A4144023N  |
| Color     | Matt black                                       |
| RAL       | 9005   |
| Category  | CEILING RECESSED                                 |

## PRODUCT

|                        |                 |
|------------------------|-----------------|
| Type                   | LED             |
| Gross luminous flux    | 1485 lm         |
| Colour temperature     | 3500 K          |
| Chromatic stability    | MacAdam Step 3  |
| Colour Rendering Index | CRI>90          |
| Power                  | 12,6 W          |
| Current                | 500 mA          |
| Efficacy               | 118 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  | 15,29 W                  |
| Voltage                     | 220V/240V                |
| Frecuency                   | 50/60 Hz                 |
| Dimming                     | DALI                     |
| Electrical insulation class | <input type="checkbox"/> |

## LIGHTING FIXTURE | ELECTRICAL DATA

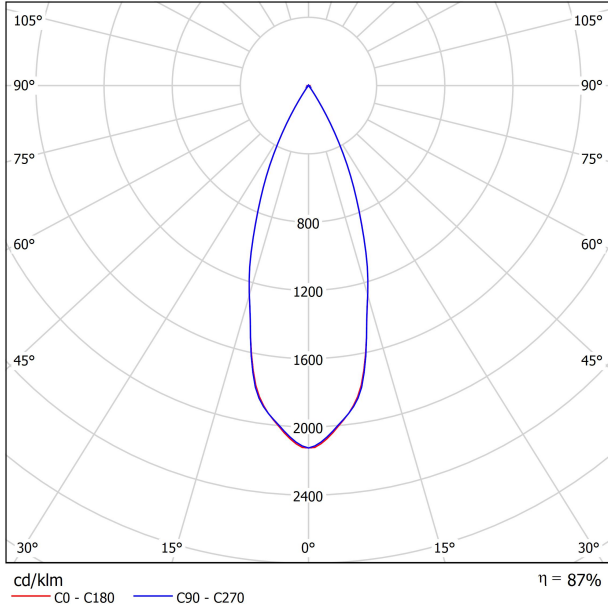
|                        |   |
|------------------------|---|
| Sealing                | IP20  |
| Wireless control       | Please Consult  |
| Emergency power supply | Please Consult  |
| Recess measurements    | 60 x 60 mm  |
| Weight                 | 311 g   |
| Packaged weight        | 406 g   |
| Packaging dimensions   | 156 x 105 x 65 mm   |
| Units per package      | 1   |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

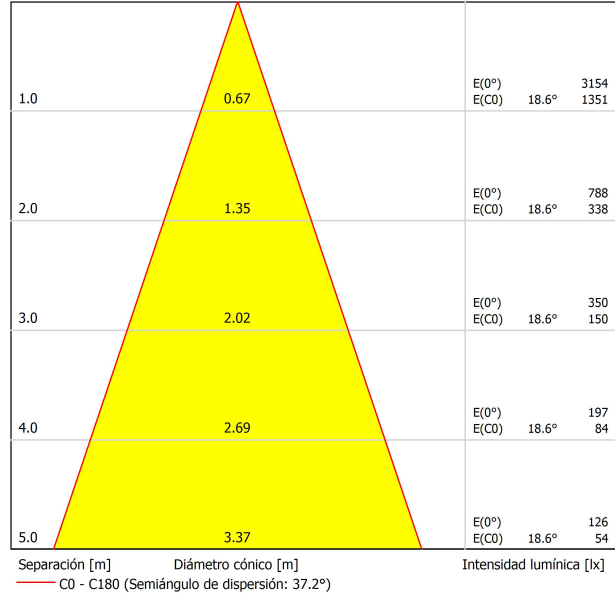


Black Foster Micro is a feat of engineering which brings the acclaimed 'The Invisible Black' effect to a hyper-reduced light. Its tiny size and thin trim offer a 'trimless visual' aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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

| Valoración de deslumbramiento según UGR                                       |     |  |      |      |      |      |   |      |      |      |      |      |
|---|-----|--|------|------|------|------|---|------|------|------|------|------|
| ρ Techo   |     | 70   | 70   | 50   | 50   | 30   | 70  | 70   | 50   | 50   | 30   | 30   |
| ρ Paredes   |     | 50   | 30   | 50   | 30   | 30   | 50  | 30   | 50   | 30   | 30   | 30   |
| ρ Suelo   |     | 20   | 20   | 20   | 20   | 20   | 20  | 20   | 20   | 20   | 20   | 20   |
| Tamaño del local<br>X Y   |     | Mirado en perpendicular<br>al eje de lámpara |      |      |      |      | Mirado longitudinalmente<br>al eje de lámpara |      |      |      |      |      |
| 2H  | 2H  | 11.4   | 12.0 | 11.6 | 12.2 | 12.4 | 11.3  | 12.0 | 11.6 | 12.2 | 12.3 | 12.3 |
|   | 3H  | 11.3   | 11.9 | 11.6 | 12.1 | 12.3 | 11.3  | 11.8 | 11.5 | 12.1 | 12.3 | 12.3 |
|   | 4H  | 11.3   | 11.9 | 11.6 | 12.1 | 12.4 | 11.3  | 11.8 | 11.6 | 12.1 | 12.3 | 12.3 |
|   | 6H  | 11.4   | 11.9 | 11.7 | 12.2 | 12.4 | 11.4  | 11.9 | 11.7 | 12.1 | 12.4 | 12.4 |
|   | 8H  | 11.5   | 12.0 | 11.8 | 12.3 | 12.5 | 11.5  | 12.0 | 11.8 | 12.3 | 12.5 | 12.5 |
| 4H  | 12H | 11.7   | 12.1 | 12.0 | 12.4 | 12.7 | 11.7  | 12.2 | 12.0 | 12.5 | 12.8 | 12.8 |
|   | 2H  | 11.2   | 11.7 | 11.5 | 12.0 | 12.2 | 11.1  | 11.7 | 11.4 | 11.9 | 12.2 | 12.2 |
|   | 3H  | 11.1   | 11.6 | 11.5 | 11.9 | 12.2 | 11.1  | 11.6 | 11.5 | 11.9 | 12.2 | 12.2 |
|   | 4H  | 11.2   | 11.6 | 11.6 | 11.9 | 12.3 | 11.2  | 11.6 | 11.6 | 11.9 | 12.3 | 12.3 |
|   | 6H  | 11.4   | 11.7 | 11.8 | 12.1 | 12.5 | 11.4  | 11.7 | 11.8 | 12.1 | 12.5 | 12.5 |
| 8H  | 12H | 11.6   | 11.9 | 12.0 | 12.3 | 12.7 | 11.6  | 11.9 | 12.0 | 12.3 | 12.7 | 12.7 |
|   | 2H  | 11.9   | 12.2 | 12.4 | 12.6 | 13.0 | 12.0  | 12.3 | 12.4 | 12.7 | 13.1 | 13.1 |
|   | 4H  | 11.2   | 11.5 | 11.6 | 11.9 | 12.3 | 11.2  | 11.5 | 11.6 | 11.8 | 12.2 | 12.2 |
|   | 6H  | 11.5   | 11.7 | 11.9 | 12.1 | 12.6 | 11.5  | 11.7 | 11.9 | 12.1 | 12.6 | 12.6 |
|   | 8H  | 11.8   | 12.0 | 12.3 | 12.4 | 12.9 | 11.8  | 12.0 | 12.3 | 12.5 | 12.9 | 12.9 |
| 12H   | 12H | 12.3   | 12.5 | 12.8 | 12.9 | 13.4 | 12.5  | 12.6 | 13.0 | 13.1 | 13.6 | 13.6 |
|   | 4H  | 11.2   | 11.4 | 11.6 | 11.8 | 12.3 | 11.2  | 11.4 | 11.6 | 11.8 | 12.2 | 12.2 |
|   | 6H  | 11.5   | 11.7 | 12.0 | 12.1 | 12.6 | 11.5  | 11.7 | 12.0 | 12.2 | 12.6 | 12.6 |
|   | 8H  | 11.9   | 12.1 | 12.4 | 12.5 | 13.0 | 12.0  | 12.1 | 12.4 | 12.6 | 13.0 | 13.0 |
|   | 12H | 11.9   | 12.1 | 12.4 | 12.5 | 13.0 | 12.0  | 12.1 | 12.4 | 12.6 | 13.0 | 13.0 |
| Variación de la posición del espectador para separaciones S entre luminarias  |     |  |      |      |      |      |   |      |      |      |      |      |
| 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                                  |      |      |      |      |      |
| Tabla estándar  |     | BK02   |      |      |      |      | BK02  |      |      |      |      |      |
| Sumando de corrección   |     | -6.6   |      |      |      |      | -6.5  |      |      |      |      |      |
| Índice de deslumbramiento corregido en relación a 1485lm Flujo luminoso total |     |  |      |      |      |      |   |      |      |      |      |      |



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

