



## DIMENSIONS



## AWARDS



## PRODUCT

|           |                                       |
|-----------|---------------------------------------|
| Name      | BLACK FOSTER REC IP54 5 FLOOD 4000K N |
| Reference | A5464012N                             |
| Color     | Black                                 |
| RAL       | 9005                                  |
| Category  | CEILING RECESSED                      |

## LIGHT SOURCE

|                        |                  |
|------------------------|------------------|
| Type                   | LED              |
| Gross luminous flux    | 1250 lm          |
| Colour temperature     | 4000 K           |
| Chromatic stability    | MacAdam Step 3   |
| Colour Rendering Index | CRI>90           |
| Power                  | 10,5 W           |
| Current                | 700 mA           |
| Efficacy               | 119 lm/W         |
| LED lifespan           | L90B10 >102.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 86% |
| Light beam angle    | 38° |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                             |                      |
|-----------------------------|----------------------|
| Driver                      | Included - Connected |
| Power values of the system  | 12,95 W              |
| Frequency                   | 50/60 Hz             |
| Dimming                     | No Dim               |
| Electrical insulation class | □                    |

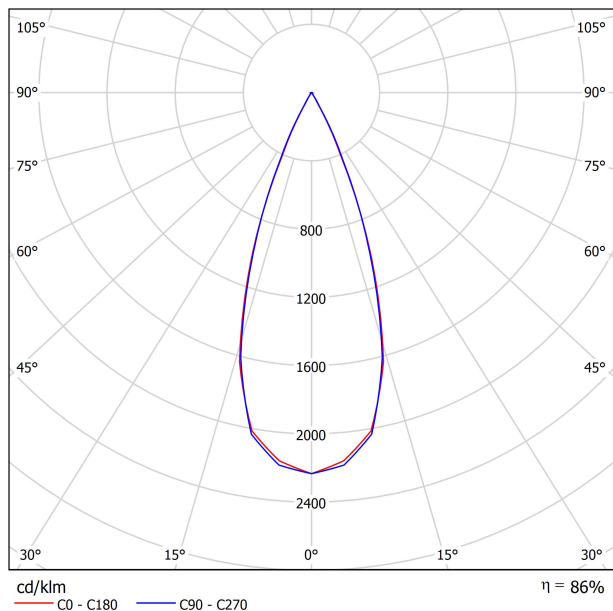
## OTHER DATA

|                        |                                             |
|------------------------|---------------------------------------------|
| Sealing                | IP54                                        |
| Wireless control       | Please Consult                              |
| Emergency power supply | Please Consult                              |
| Weight                 | 450 g                                       |
| Packaged weight        | 545 g                                       |
| Packaging dimensions   | 253 x 98 x 50 mm                            |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene |

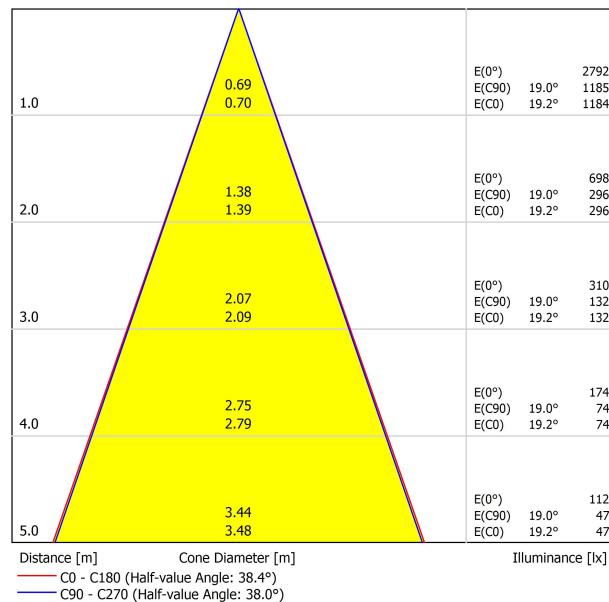


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual trimless". Black Foster stands out for its refinement, its visual comfort and for almost completely hide the source of light from the human eye range.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                 |     |                                                |       |       |       |       |                                         |       |       |       |       |       |
|-------------------------------------------------------------------|-----|------------------------------------------------|-------|-------|-------|-------|-----------------------------------------|-------|-------|-------|-------|-------|
| Room Size                                                         |     | 70                                             | 70    | 50    | 50    | 30    | 70                                      | 70    | 50    | 50    | 30    | 30    |
| p Ceiling                                                         |     | 50                                             | 30    | 50    | 30    | 30    | 50                                      | 30    | 50    | 30    | 30    | 30    |
| p Walls                                                           |     | 20                                             | 20    | 20    | 20    | 20    | 20                                      | 20    | 20    | 20    | 20    | 20    |
| 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  | -13.1                                          | -12.4 | -12.8 | -12.2 | -12.0 | -13.9                                   | -13.3 | -13.7 | -13.1 | -12.9 | -12.9 |
|                                                                   | 3H  | -6.7                                           | -6.2  | -6.5  | -5.9  | -5.7  | -6.6                                    | -6.0  | -6.3  | -5.8  | -5.6  | -5.6  |
|                                                                   | 4H  | -3.2                                           | -2.7  | -2.9  | -2.4  | -2.2  | -2.7                                    | -2.1  | -2.4  | -1.9  | -1.6  | -1.6  |
|                                                                   | 6H  | 0.4                                            | 0.9   | 0.7   | 1.2   | 1.5   | 0.8                                     | 1.3   | 1.1   | 1.5   | 1.8   | 1.8   |
|                                                                   | 8H  | 2.2                                            | 2.7   | 2.6   | 3.0   | 3.3   | 2.6                                     | 3.1   | 2.9   | 3.3   | 3.6   | 3.6   |
| 4H                                                                | 12H | 4.2                                            | 4.7   | 4.6   | 5.0   | 5.3   | 4.6                                     | 5.1   | 4.9   | 5.4   | 5.7   | 5.7   |
|                                                                   | 2H  | -10.5                                          | -9.9  | -10.2 | -9.7  | -9.4  | -10.9                                   | -10.3 | -10.6 | -10.1 | -9.8  | -9.8  |
|                                                                   | 3H  | -4.5                                           | -4.1  | -4.2  | -3.8  | -3.4  | -4.3                                    | -3.9  | -4.0  | -3.6  | -3.3  | -3.3  |
|                                                                   | 4H  | -1.1                                           | -0.7  | -0.7  | -0.4  | -0.0  | -0.7                                    | -0.3  | -0.3  | 0.1   | 0.4   | 0.4   |
|                                                                   | 6H  | 2.5                                            | 2.8   | 2.9   | 3.2   | 3.5   | 2.8                                     | 3.1   | 3.2   | 3.4   | 3.8   | 3.8   |
| 8H                                                                | 12H | 4.3                                            | 4.6   | 4.7   | 5.0   | 5.4   | 4.6                                     | 4.9   | 5.0   | 5.3   | 5.7   | 5.7   |
|                                                                   | 2H  | 6.4                                            | 6.6   | 6.8   | 7.0   | 7.4   | 6.7                                     | 6.9   | 7.1   | 7.3   | 7.8   | 7.8   |
|                                                                   | 3H  | 0.4                                            | 0.7   | 0.9   | 1.1   | 1.5   | 0.7                                     | 1.0   | 1.1   | 1.4   | 1.8   | 1.8   |
|                                                                   | 4H  | 4.1                                            | 4.3   | 4.5   | 4.7   | 5.2   | 4.3                                     | 4.5   | 4.7   | 4.9   | 5.4   | 5.4   |
|                                                                   | 6H  | 6.1                                            | 6.2   | 6.5   | 6.7   | 7.1   | 6.3                                     | 6.4   | 6.7   | 6.9   | 7.3   | 7.3   |
| 12H                                                               | 12H | 8.2                                            | 8.4   | 8.7   | 8.8   | 9.3   | 8.5                                     | 8.6   | 9.0   | 9.1   | 9.6   | 9.6   |
|                                                                   | 2H  | 1.0                                            | 1.2   | 1.4   | 1.6   | 2.0   | 1.2                                     | 1.4   | 1.6   | 1.8   | 2.3   | 2.3   |
|                                                                   | 3H  | 4.7                                            | 4.9   | 5.1   | 5.3   | 5.8   | 4.8                                     | 5.0   | 5.3   | 5.5   | 5.9   | 5.9   |
|                                                                   | 4H  | 6.8                                            | 6.9   | 7.2   | 7.4   | 7.9   | 6.9                                     | 7.1   | 7.4   | 7.5   | 8.0   | 8.0   |
|                                                                   | 6H  |                                                |       |       |       |       |                                         |       |       |       |       |       |
| Variation of the observer position for the luminaires 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 1250lm Total Luminous Flux   |     |                                                |       |       |       |       |                                         |       |       |       |       |       |



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

