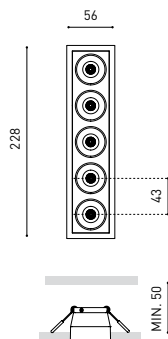




## DIMENSIONS



## AWARDS



|           |                                     |
|-----------|-------------------------------------|
| Name      | BLACK FOSTER REC 5 DIM PUSH 4000K N |
| Reference | A3194022N                           |
| Color     | Matt black                          |
| RAL       | 9005                                |
| Category  | CEILING RECESSED                    |

## PRODUCT

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 1250 Lm                   |
| Power                       | 10,5 W                    |
| Power values of the system  | 11,93 W                   |
| Colour temperature          | 4000 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | Mac Adam Step 3           |
| Light beam angle            | 38°                       |
| Unified Glare Rating        | UGR<19                    |
| Lighting efficiency         | 90%                       |
| Efficacy                    | 119 Lm/W                  |
| Current intensity           | 700 mA                    |
| Dimming                     | Push                      |
| Control through bluetooth   | Please Consult            |
| Driver                      | Included - Connected      |
| Emergency power supply      | Please Consult            |
| Electrical insulation class | □                         |
| Voltage                     | 220 V/240 V               |
| Frequency                   | 50/60 Hz                  |
| Energy efficiency           | A+                        |
| LED lifespan                | L80B10 (Tc=85°C) >60.000h |

## LIGHTING INFORMATION

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Ingress Protection   | IP20                                                        |
| Recess measurements  | 50 × 222 mm.                                                |
| Weight               | 460 g.                                                      |
| Packaged weight      | 585 g.                                                      |
| Packaging dimensions | 253 × 98 × 74 mm.                                           |
| Units per package    | 1                                                           |
| Materials            | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

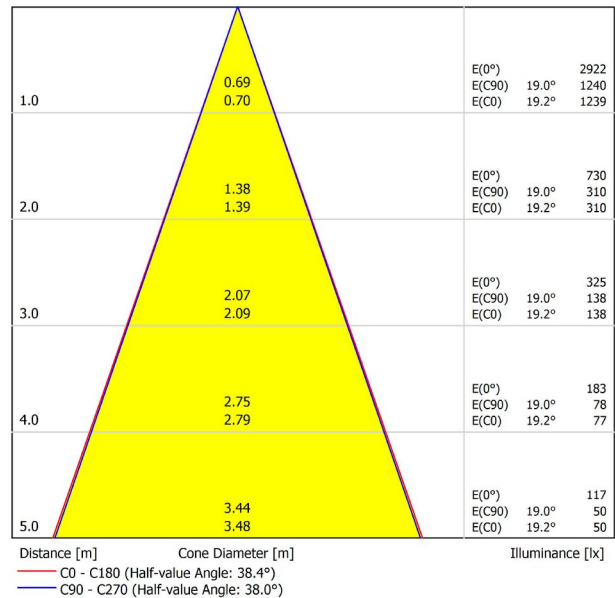


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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                               |                                                                  |                                                   |       |       |       |       |                                            |       |       |       |       |     |  |
|-----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-----|--|
| p Ceiling                                                       |                                                                  | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    |     |  |
| p Walls                                                         |                                                                  | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    |     |  |
| p Floor                                                         |                                                                  | 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                                                               | -12.9                                             | -12.3 | -12.7 | -12.1 | -11.9 | -13.7                                      | -13.1 | -13.5 | -12.9 | -12.7 |     |  |
|                                                                 | 3H                                                               | -6.6                                              | -6.0  | -6.3  | -5.8  | -5.6  | -6.5                                       | -5.9  | -6.2  | -5.7  | -5.4  |     |  |
|                                                                 | 4H                                                               | -3.1                                              | -2.5  | -2.8  | -2.3  | -2.0  | -2.5                                       | -2.0  | -2.2  | -1.7  | -1.5  |     |  |
|                                                                 | 6H                                                               | 0.5                                               | 1.1   | 0.9   | 1.3   | 1.6   | 0.9                                        | 1.4   | 1.3   | 1.7   | 2.0   |     |  |
|                                                                 | 8H                                                               | 2.4                                               | 2.9   | 2.7   | 3.2   | 3.5   | 2.7                                        | 3.2   | 3.1   | 3.5   | 3.8   |     |  |
| 4H                                                              | 12H                                                              | 4.4                                               | 4.9   | 4.7   | 5.2   | 5.5   | 4.8                                        | 5.2   | 5.1   | 5.5   | 5.8   |     |  |
|                                                                 | 2H                                                               | -10.3                                             | -9.8  | -10.0 | -9.5  | -9.3  | -10.7                                      | -10.1 | -10.4 | -9.9  | -9.6  |     |  |
|                                                                 | 3H                                                               | -4.4                                              | -3.9  | -4.0  | -3.6  | -3.3  | -4.2                                       | -3.7  | -3.8  | -3.4  | -3.1  |     |  |
|                                                                 | 4H                                                               | -0.9                                              | -0.5  | -0.6  | -0.2  | 0.1   | -0.5                                       | -0.1  | -0.1  | 0.2   | 0.6   |     |  |
|                                                                 | 6H                                                               | 2.6                                               | 2.9   | 3.0   | 3.3   | 3.7   | 2.9                                        | 3.3   | 3.3   | 3.6   | 4.0   |     |  |
| 8H                                                              | 8H                                                               | 4.5                                               | 4.8   | 4.9   | 5.2   | 5.6   | 4.8                                        | 5.1   | 5.2   | 5.4   | 5.8   |     |  |
|                                                                 | 12H                                                              | 6.5                                               | 6.8   | 7.0   | 7.2   | 7.6   | 6.9                                        | 7.1   | 7.3   | 7.5   | 7.9   |     |  |
|                                                                 | 4H                                                               | 0.6                                               | 0.9   | 1.0   | 1.3   | 1.7   | 0.9                                        | 1.2   | 1.3   | 1.6   | 2.0   |     |  |
|                                                                 | 6H                                                               | 4.2                                               | 4.5   | 4.7   | 4.9   | 5.3   | 4.4                                        | 4.7   | 4.9   | 5.1   | 5.5   |     |  |
|                                                                 | 8H                                                               | 6.2                                               | 6.4   | 6.7   | 6.8   | 7.3   | 6.4                                        | 6.6   | 6.9   | 7.0   | 7.5   |     |  |
| 12H                                                             | 12H                                                              | 8.4                                               | 8.5   | 8.9   | 9.0   | 9.5   | 8.6                                        | 8.8   | 9.1   | 9.2   | 9.7   |     |  |
|                                                                 | 4H                                                               | 1.1                                               | 1.4   | 1.5   | 1.8   | 2.2   | 1.4                                        | 1.6   | 1.8   | 2.0   | 2.4   |     |  |
|                                                                 | 6H                                                               | 4.8                                               | 5.0   | 5.3   | 5.5   | 5.9   | 5.0                                        | 5.2   | 5.5   | 5.6   | 6.1   |     |  |
|                                                                 | 8H                                                               |                                                   | 6.9   | 7.0   | 7.4   | 7.5   | 8.0                                        | 7.1   | 7.2   | 7.6   | 7.7   | 8.2 |  |
|                                                                 | Variation of the observer position for the luminaire 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 |                                                                  |                                                   |       |       |       |       |                                            |       |       |       |       |     |  |