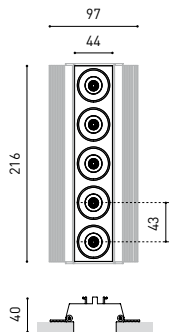




## DIMENSIONS



## AWARDS



|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>PRODUCT</b>              |                                                             |
| Name                        | BLACK FOSTER TRI 5 4000K N                                  |
| Reference                   | A3184012N                                                   |
| Color                       | Matt black                                                  |
| Power of the system         | 9005                                                        |
| Category                    | CEILING RECESSED                                            |
| <b>LIGHTING INFORMATION</b> |                                                             |
| Light source                | LED                                                         |
| Gross luminous flux         | 1250 Lm                                                     |
| Power                       | 10,5 W                                                      |
| Power values of the system  | 12,93 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                                                      |
| 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                                   |
| <b>OTHER DATA</b>           |                                                             |
| Ingress Protection          | IP20                                                        |
| Recess measurements         | 50 × 222 mm.                                                |
| Weight                      | 470 g.                                                      |
| Packaged weight             | 585 g.                                                      |
| Packaging dimensions        | 295 × 155 × 73 mm.                                          |
| Units per package           | 1                                                           |
| Materials                   | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

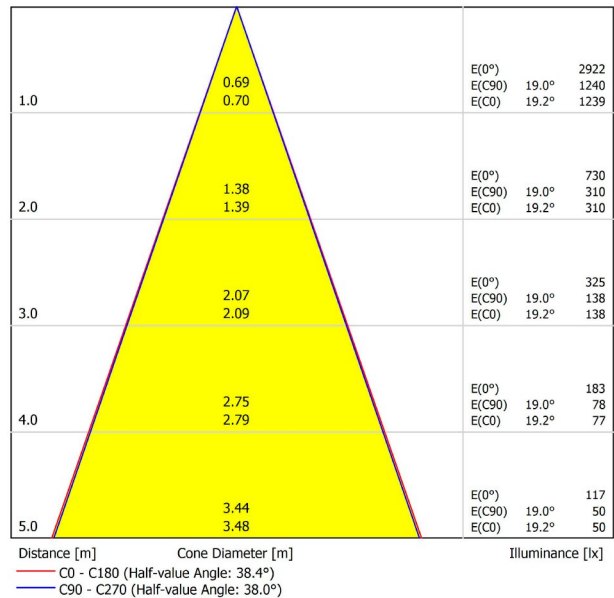


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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                                |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|--|
| ρ Ceiling                                                        |     | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    |  |
| ρ Walls                                                          |     | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    |  |
| ρ 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                                             | -12.2 | -12.6 | -12.1 | -11.9 | -13.7                                      | -13.1 | -13.5 | -12.9 | -12.7 |  |
|                                                                  | 3H  | -6.6                                              | -6.0  | -6.3  | -5.8  | -5.5  | -6.4                                       | -5.8  | -6.2  | -5.6  | -5.4  |  |
|                                                                  | 4H  | -3.1                                              | -2.5  | -2.8  | -2.3  | -2.0  | -2.5                                       | -1.9  | -2.2  | -1.7  | -1.4  |  |
|                                                                  | 6H  | 0.6                                               | 1.1   | 0.9   | 1.4   | 1.6   | 1.0                                        | 1.5   | 1.3   | 1.7   | 2.0   |  |
|                                                                  | 8H  | 2.4                                               | 2.9   | 2.8   | 3.2   | 3.5   | 2.8                                        | 3.2   | 3.1   | 3.5   | 3.8   |  |
|                                                                  | 12H | 4.4                                               | 4.9   | 4.8   | 5.2   | 5.5   | 4.8                                        | 5.3   | 5.1   | 5.6   | 5.9   |  |
| 4H                                                               | 2H  | -10.3                                             | -9.8  | -10.0 | -9.5  | -9.3  | -10.7                                      | -10.1 | -10.4 | -9.9  | -9.6  |  |
|                                                                  | 3H  | -4.3                                              | -3.9  | -4.0  | -3.6  | -3.3  | -4.1                                       | -3.7  | -3.8  | -3.4  | -3.1  |  |
|                                                                  | 4H  | -0.9                                              | -0.5  | -0.5  | -0.2  | 0.2   | -0.4                                       | -0.1  | -0.1  | 0.3   | 0.6   |  |
|                                                                  | 6H  | 2.7                                               | 3.0   | 3.0   | 3.3   | 3.7   | 3.0                                        | 3.3   | 3.4   | 3.6   | 4.0   |  |
|                                                                  | 8H  | 4.5                                               | 4.8   | 4.9   | 5.2   | 5.6   | 4.8                                        | 5.1   | 5.2   | 5.5   | 5.9   |  |
|                                                                  | 12H | 6.6                                               | 6.8   | 7.0   | 7.2   | 7.6   | 6.9                                        | 7.1   | 7.3   | 7.5   | 8.0   |  |
| 8H                                                               | 4H  | 0.6                                               | 0.9   | 1.0   | 1.3   | 1.7   | 0.9                                        | 1.2   | 1.3   | 1.6   | 2.0   |  |
|                                                                  | 6H  | 4.3                                               | 4.5   | 4.7   | 4.9   | 5.4   | 4.5                                        | 4.7   | 4.9   | 5.1   | 5.6   |  |
|                                                                  | 8H  | 6.2                                               | 6.4   | 6.7   | 6.9   | 7.3   | 6.4                                        | 6.6   | 6.9   | 7.1   | 7.5   |  |
|                                                                  | 12H | 8.4                                               | 8.5   | 8.9   | 9.0   | 9.5   | 8.7                                        | 8.8   | 9.2   | 9.3   | 9.8   |  |
| 12H                                                              | 4H  | 1.2                                               | 1.4   | 1.6   | 1.8   | 2.2   | 1.4                                        | 1.6   | 1.8   | 2.0   | 2.5   |  |
|                                                                  | 6H  | 4.9                                               | 5.0   | 5.3   | 5.5   | 6.0   | 5.0                                        | 5.2   | 5.5   | 5.7   | 6.1   |  |
|                                                                  | 8H  | 6.9                                               | 7.1   | 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  |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |