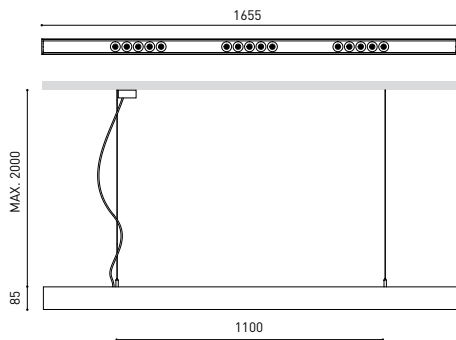




## DIMENSIONS



## AWARDS



|           |                                              |
|-----------|----------------------------------------------|
| Name      | BLACK FOSTER SUSP 1600 38° DIM DALI 3000K NT |
| Reference | A3212021NT                                   |
| Color     | Textured black                               |
| RAL       | 9005                                         |
| Category  | SUSPENSION                                   |

## PRODUCT

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 3150 Lm                   |
| Power                       | 31,5 W                    |
| Power values of the system  | 34,62 W                   |
| Colour temperature          | 3000 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | MacAdam Step 3            |
| Light beam angle            | 38°                       |
| Lighting efficiency         | 90%                       |
| Efficacy                    | 100 Lm/W                  |
| Current intensity           | 700 mA                    |
| Dimming                     | DALI                      |
| Control through bluetooth   | Please Consult            |
| Driver                      | Included                  |
| Electrical insulation class | <input type="checkbox"/>  |
| Voltage                     | 220 V/240 V               |
| Frequency                   | 50/60 Hz                  |
| Energy efficiency           | A+                        |
| LED lifespan                | L80B10 (Tc=85°C) >60.000h |

## LIGHTING INFORMATION

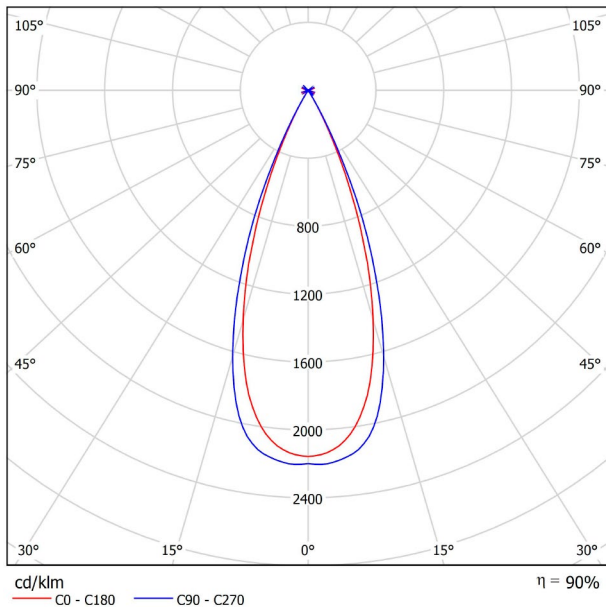
## OTHER DATA

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Ingress Protection        | IP20                                                        |
| Cord length               | 2 m                                                         |
| Fast adjustment tensioner | Yes                                                         |
| Weight                    | 4420 g.                                                     |
| Packaged weight           | 5840 g.                                                     |
| Packaging dimensions      | D145 × 1735 mm                                              |
| Units per package         | 1                                                           |
| Materials                 | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

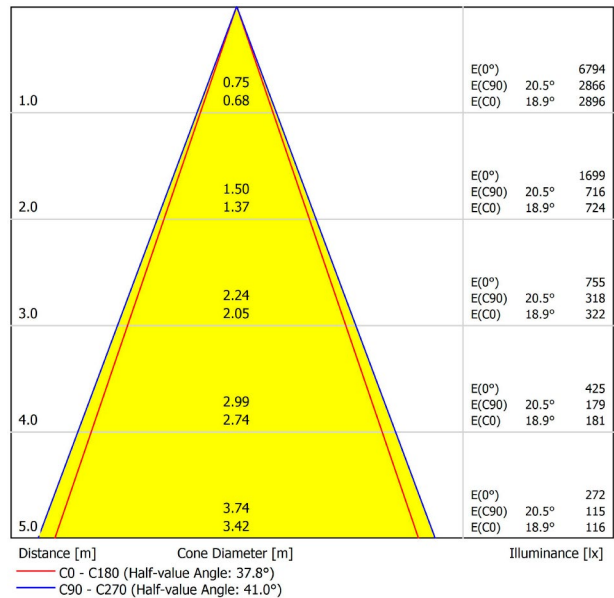


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a perfect dark line.

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  | -15.7                                             | -15.0 | -15.4 | -14.8 | -14.6 | -15.9                                      | -15.3 | -15.7 | -15.1 | -14.9 |       |  |
|                                                                  | 3H  | -11.5                                             | -11.0 | -11.3 | -10.7 | -10.5 | -14.0                                      | -13.5 | -13.8 | -13.2 | -13.0 |       |  |
|                                                                  | 4H  | -11.5                                             | -11.0 | -11.2 | -10.7 | -10.5 | -9.5                                       | -9.0  | -9.2  | -8.7  | -8.5  |       |  |
|                                                                  | 6H  | -10.2                                             | -9.7  | -9.9  | -9.4  | -9.1  | -6.5                                       | -6.0  | -6.2  | -5.7  | -5.4  |       |  |
|                                                                  | 8H  | -9.0                                              | -8.5  | -8.7  | -8.3  | -8.0  | -6.0                                       | -5.5  | -5.6  | -5.2  | -4.9  |       |  |
| 12H                                                              | 12H | -8.5                                              | -8.0  | -8.1  | -7.7  | -7.4  | -5.7                                       | -5.3  | -5.4  | -5.0  | -4.6  |       |  |
|                                                                  | 4H  | 2H                                                | -13.5 | -13.0 | -13.2 | -12.7 | -12.5                                      | -13.7 | -13.1 | -13.4 | -12.9 | -12.6 |  |
|                                                                  |     | 3H                                                | -10.4 | -10.0 | -10.1 | -9.7  | -9.4                                       | -11.8 | -11.3 | -11.5 | -11.0 | -10.7 |  |
|                                                                  |     | 4H                                                | -10.0 | -9.6  | -9.6  | -9.3  | -9.0                                       | -7.7  | -7.3  | -7.3  | -7.0  | -6.6  |  |
|                                                                  |     | 6H                                                | -8.6  | -8.2  | -8.2  | -7.9  | -7.5                                       | -4.1  | -3.8  | -3.7  | -3.5  | -3.1  |  |
| 8H                                                               |     | -6.9                                              | -6.6  | -6.5  | -6.2  | -5.8  | -3.6                                       | -3.3  | -3.1  | -2.9  | -2.5  |       |  |
| 8H                                                               | 12H | -6.4                                              | -6.2  | -6.0  | -5.8  | -5.4  | -3.2                                       | -3.0  | -2.8  | -2.6  | -2.2  |       |  |
|                                                                  | 4H  | 4H                                                | -7.8  | -7.5  | -7.4  | -7.2  | -6.8                                       | -6.6  | -6.3  | -6.2  | -5.9  | -5.5  |  |
|                                                                  |     | 6H                                                | -6.2  | -6.0  | -5.8  | -5.6  | -5.1                                       | -2.8  | -2.6  | -2.4  | -2.2  | -1.7  |  |
|                                                                  |     | 8H                                                | -4.5  | -4.3  | -4.0  | -3.9  | -3.4                                       | -2.2  | -2.0  | -1.7  | -1.6  | -1.1  |  |
|                                                                  |     | 12H                                               | -4.1  | -4.0  | -3.7  | -3.5  | -3.0                                       | -1.5  | -1.4  | -1.1  | -0.9  | -0.4  |  |
| 12H                                                              | 4H  | -7.3                                              | -7.0  | -6.8  | -6.6  | -6.2  | -6.5                                       | -6.2  | -6.1  | -5.8  | -5.4  |       |  |
|                                                                  | 6H  | -5.5                                              | -5.3  | -5.0  | -4.9  | -4.4  | -2.7                                       | -2.5  | -2.2  | -2.0  | -1.6  |       |  |
|                                                                  | 8H  | -3.9                                              | -3.8  | -3.4  | -3.3  | -2.8  | -2.0                                       | -1.9  | -1.5  | -1.4  | -0.9  |       |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |  |
| S = 1.0H                                                         |     | +4.3 / -1.8                                       |       |       |       |       | +2.3 / -0.6                                |       |       |       |       |       |  |
| S = 1.5H                                                         |     | +6.8 / -2.0                                       |       |       |       |       | +4.2 / -1.0                                |       |       |       |       |       |  |
| S = 2.0H                                                         |     | +8.8 / -2.6                                       |       |       |       |       | +5.9 / -2.3                                |       |       |       |       |       |  |
| Standard table                                                   |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |       |  |
| Correction                                                       |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |       |  |
| Summand                                                          |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |       |  |
| Corrected Glare Indices referring to 3150lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |  |