



## DIMENSIONS



## AWARDS



|           |  |
|-----------|--|
| Name      | BLACK FOSTER SUSP 1200 DIM DALI 4000K NT |
| Reference | A3211022NT                               |
| Color     | Textured black                           |
| RAL       | 9005                                     |
| Category  | SUSPENSION                               |

## PRODUCT

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 2500 Lm                   |
| Power                       | 21 W                      |
| Power values of the system  | 23,08 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                     | 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

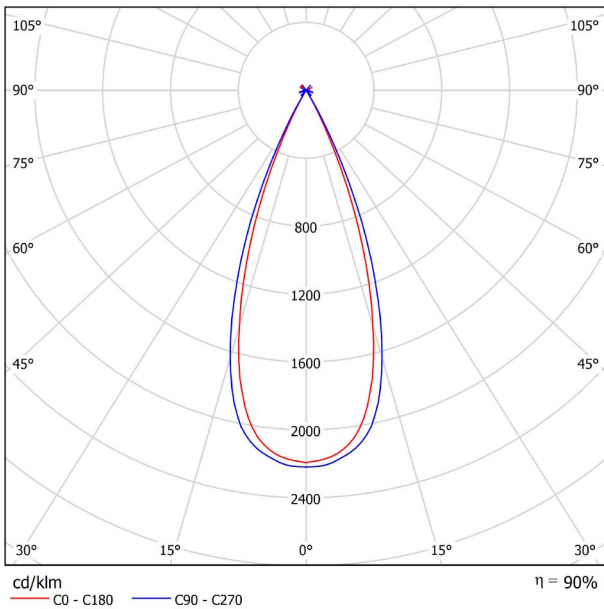
|                           |   |
|---------------------------|---|
| Ingress Protection        | IP20  |
| Cord length               | 2 m   |
| Fast adjustment tensioner | Yes   |
| Weight                    | 3400 g.   |
| Packaged weight           | 4470 g.   |
| Packaging dimensions      | D145 x 1270 mm.   |
| Units per package         | 1   |
| Materials                 | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

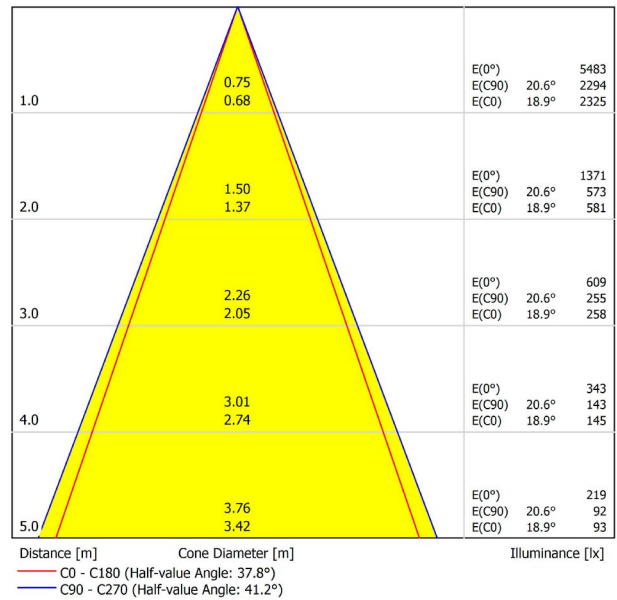


Black Foster Suspension es la luminaria que traslada el aclamado efecto 'The Invisible Black' a un sistema lineal de suspensión. Se compone de una serie de módulos de emisión de luz dentro de un foseado metálico. Ofrece iluminación "no-glare" en aplicaciones sobre mesas y conserva la misma estética tanto encendida como apagada.

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 X Y  | Viewing direction at right angles to lamp axis |       |       |       |       | Viewing direction parallel to lamp axis |       |       |       |       |       |
| 2H   | 2H   | -23.8 | -23.2 | -23.6 | -23.0 | -22.8                                   | -20.8 | -20.1 | -20.5 | -20.0 | -19.8 |
|  | 3H   | -12.1 | -11.5 | -11.8 | -11.3 | -11.0                                   | -15.1 | -14.5 | -14.8 | -14.3 | -14.0 |
|  | 4H   | -11.6 | -11.0 | -11.3 | -10.8 | -10.5                                   | -13.4 | -12.8 | -13.1 | -12.6 | -12.3 |
|  | 6H   | -8.5  | -8.0  | -8.2  | -7.7  | -7.5                                    | -10.1 | -9.6  | -9.8  | -9.3  | -9.0  |
| 4H   | 8H   | -8.5  | -8.0  | -8.1  | -7.7  | -7.4                                    | -8.1  | -7.6  | -7.8  | -7.3  | -7.1  |
|  | 12H  | -7.1  | -6.6  | -6.8  | -6.3  | -6.0                                    | -6.4  | -6.0  | -6.1  | -5.7  | -5.3  |
|  | 2H   | -16.5 | -15.9 | -16.2 | -15.7 | -15.4                                   | -16.0 | -15.4 | -15.7 | -15.2 | -14.9 |
| 8H   | 3H   | -11.4 | -10.9 | -11.0 | -10.6 | -10.3                                   | -12.7 | -12.2 | -12.3 | -11.9 | -11.6 |
|  | 4H   | -8.7  | -8.3  | -8.3  | -8.0  | -7.6                                    | -11.6 | -11.2 | -11.3 | -10.9 | -10.6 |
|  | 6H   | -6.2  | -5.9  | -5.8  | -5.5  | -5.2                                    | -7.1  | -6.8  | -6.7  | -6.4  | -6.0  |
|  | 8H   | -6.1  | -5.8  | -5.7  | -5.5  | -5.1                                    | -5.8  | -5.6  | -5.4  | -5.2  | -4.8  |
| 12H  | 12H  | -5.0  | -4.7  | -4.6  | -4.3  | -3.9                                    | -4.5  | -4.2  | -4.1  | -3.8  | -3.4  |
|  | 4H   | -8.6  | -8.3  | -8.2  | -7.9  | -7.5                                    | -10.8 | -10.5 | -10.4 | -10.2 | -9.8  |
|  | 6H   | -4.9  | -4.7  | -4.4  | -4.3  | -3.8                                    | -6.1  | -5.9  | -5.6  | -5.5  | -5.0  |
| 8H   | 8H   | -4.6  | -4.4  | -4.1  | -4.0  | -3.5                                    | -5.0  | -4.8  | -4.5  | -4.4  | -3.9  |
|  | 12H  | -3.6  | -3.4  | -3.1  | -3.0  | -2.5                                    | -3.8  | -3.6  | -3.3  | -3.2  | -2.7  |
|  | 4H   | -8.3  | -8.0  | -7.8  | -7.6  | -7.2                                    | -9.9  | -9.6  | -9.4  | -9.2  | -8.8  |
| 12H  | 6H   | -4.7  | -4.6  | -4.3  | -4.1  | -3.6                                    | -5.8  | -5.6  | -5.3  | -5.2  | -4.7  |
|  | 8H   | -4.4  | -4.3  | -3.9  | -3.8  | -3.3                                    | -4.7  | -4.6  | -4.3  | -4.1  | -3.6  |
| Variation of the observer position for the luminaire distances S |  |       |       |       |       |   |       |       |       |       |       |
| S = 1.0H   | +2.4 / -1.3                                    |       |       |       |       | +3.7 / -1.4                             |       |       |       |       |       |
| S = 1.5H   | +4.4 / -1.5                                    |       |       |       |       | +6.0 / -1.8                             |       |       |       |       |       |
| S = 2.0H   | +6.3 / -4.1                                    |       |       |       |       | +8.0 / -2.2                             |       |       |       |       |       |
| Standard table   | BK07   |       |       |       |       | ---                                     |       |       |       |       |       |
| Correction Summand   | -24.6  |       |       |       |       | ---                                     |       |       |       |       |       |
| Corrected Glare Indices referring to 2500lm Total Luminous Flux  |  |       |       |       |       |   |       |       |       |       |       |