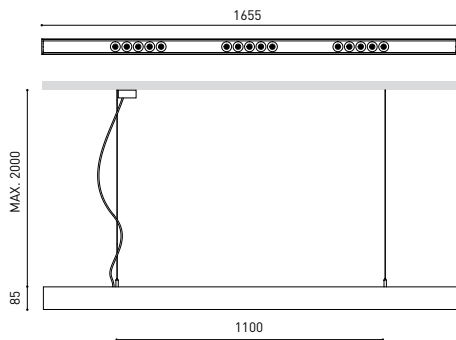


# BLACK FOSTER SUSPENSION

**ARKOSLIGHT®**



## DIMENSIONS



## ACCESSORIES



WIRE TRIMLESS ACCESSORY

## AWARDS



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|           |                                                |
|-----------|------------------------------------------------|
| Name      | BLACK FOSTER SUSP 1600 FLOOD DIM DALI 2700K WT |
| Reference | A3212020WT                                     |
| Color     | Textured white                                 |
| RAL       | 9016                                           |
| Category  | SUSPENSION                                     |

## PRODUCT

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Light source                | LED                                                                                  |
| Gross luminous flux         | 2850 Lm                                                                              |
| Power                       | 31,5 W                                                                               |
| Power values of the system  | 34,62 W                                                                              |
| Colour temperature          | 2700 K                                                                               |
| Colour Rendering Index      | CRI>90                                                                               |
| Chromatic stability         | MacAdam Step 3                                                                       |
| Light beam angle            | 38°                                                                                  |
| Lighting efficiency         | 92%                                                                                  |
| Efficacy                    | 90 Lm/W                                                                              |
| Current intensity           | 700 mA                                                                               |
| Dimming                     | DALI                                                                                 |
| Control through bluetooth   | Please Consult                                                                       |
| Driver                      | Included                                                                             |
| 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

## OTHER DATA

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Ingress Protection        | IP20                                                        |
| Cord length               | Max. 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 |

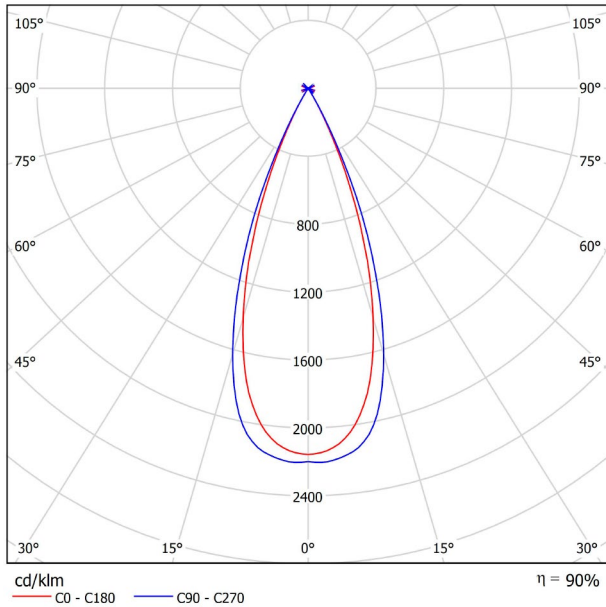


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a perfect dark line. \* NOTE: To achieve a homogeneous distribution of light, it is recommended a distance of 80 cm between the luminaire and the working surface.

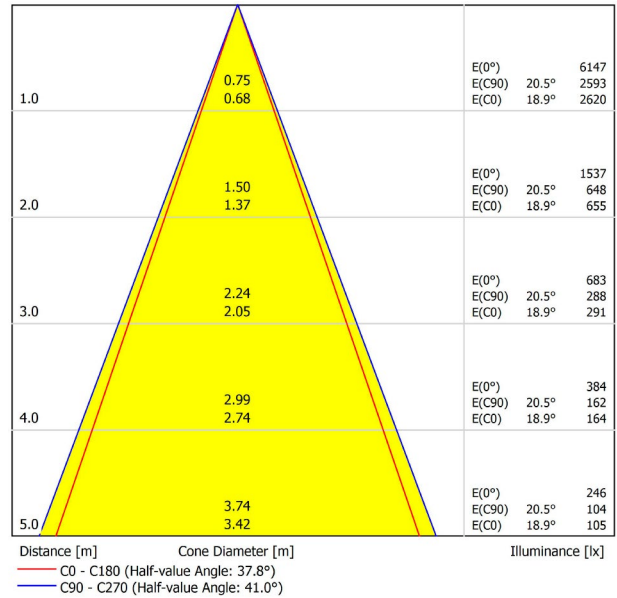
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POLAR DIAGRAM



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  | -16.0                                             | -15.4 | -15.8 | -15.2 | -15.0 | -16.3                                      | -15.6 | -16.0 | -15.4 | -15.3 |  |
|                                                                  | 3H  | -11.9                                             | -11.3 | -11.6 | -11.1 | -10.8 | -14.4                                      | -13.8 | -14.1 | -13.6 | -13.4 |  |
|                                                                  | 4H  | -11.9                                             | -11.3 | -11.6 | -11.1 | -10.8 | -9.9                                       | -9.3  | -9.6  | -9.1  | -8.8  |  |
|                                                                  | 6H  | -10.5                                             | -10.0 | -10.2 | -9.8  | -9.5  | -6.8                                       | -6.3  | -6.5  | -6.1  | -5.8  |  |
|                                                                  | 8H  | -9.4                                              | -8.9  | -9.0  | -8.6  | -8.3  | -6.3                                       | -5.8  | -6.0  | -5.5  | -5.2  |  |
| 4H                                                               | 12H | -8.8                                              | -8.3  | -8.5  | -8.0  | -7.7  | -6.1                                       | -5.6  | -5.7  | -5.3  | -5.0  |  |
|                                                                  | 2H  | -13.9                                             | -13.3 | -13.6 | -13.1 | -12.8 | -14.0                                      | -13.5 | -13.7 | -13.2 | -13.0 |  |
|                                                                  | 3H  | -10.8                                             | -10.3 | -10.4 | -10.0 | -9.7  | -12.1                                      | -11.7 | -11.8 | -11.4 | -11.1 |  |
|                                                                  | 4H  | -10.4                                             | -10.0 | -10.0 | -9.6  | -9.3  | -8.0                                       | -7.7  | -7.7  | -7.3  | -7.0  |  |
|                                                                  | 6H  | -8.9                                              | -8.6  | -8.5  | -8.2  | -7.9  | -4.5                                       | -4.2  | -4.1  | -3.8  | -3.4  |  |
| 8H                                                               | 8H  | -7.3                                              | -7.0  | -6.8  | -6.6  | -6.2  | -3.9                                       | -3.6  | -3.5  | -3.2  | -2.8  |  |
|                                                                  | 12H | -6.8                                              | -6.5  | -6.3  | -6.1  | -5.7  | -3.6                                       | -3.3  | -3.2  | -2.9  | -2.5  |  |
|                                                                  | 4H  | -8.2                                              | -7.9  | -7.8  | -7.5  | -7.1  | -6.9                                       | -6.6  | -6.5  | -6.3  | -5.9  |  |
|                                                                  | 6H  | -6.6                                              | -6.4  | -6.1  | -5.9  | -5.5  | -3.1                                       | -2.9  | -2.7  | -2.5  | -2.1  |  |
|                                                                  | 8H  | -4.8                                              | -4.7  | -4.4  | -4.2  | -3.8  | -2.6                                       | -2.4  | -2.1  | -1.9  | -1.5  |  |
| 12H                                                              | 12H | -4.5                                              | -4.3  | -4.0  | -3.9  | -3.4  | -1.9                                       | -1.8  | -1.4  | -1.3  | -0.8  |  |
|                                                                  | 4H  | -7.6                                              | -7.4  | -7.2  | -7.0  | -6.6  | -6.8                                       | -6.6  | -6.4  | -6.2  | -5.8  |  |
|                                                                  | 6H  | -5.8                                              | -5.7  | -5.4  | -5.2  | -4.8  | -3.0                                       | -2.8  | -2.5  | -2.4  | -1.9  |  |
|                                                                  | 8H  | -4.3                                              | -4.1  | -3.8  | -3.7  | -3.2  | -2.3                                       | -2.2  | -1.9  | -1.7  | -1.2  |  |
| 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 2850lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |

# WIRE TRIMLESS ACCESSORY

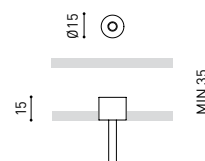
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## BLACK FOSTER SUSPENSION

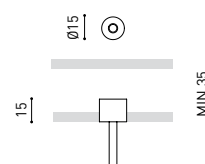
### FEED



| PRODUCT   |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| Model     | Mains Timless                                                                        |
| Reference | A023-00-01-   W   N                                                                  |
| Colour    | W <input type="checkbox"/> RAL 9016   N <input checked="" type="checkbox"/> RAL 9005 |
| Category  | Accessories                                                                          |



| PRODUCT   |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| Model     | Mains Thick Trimless                                                                 |
| Reference | A023-00-02-   W   N                                                                  |
| Colour    | W <input type="checkbox"/> RAL 9016   N <input checked="" type="checkbox"/> RAL 9005 |
| Category  | Accessories                                                                          |



Wire Trimless Accessory is a collection of accessories for fitting tensioners and cables to Arkoslight luminaires suspended directly from the ceiling with any visible ceiling rose or fixings. This achieves a minimalist application with a visually tidy finish.

With Wire Trimless Accessory the items adjacent to the ceiling of the standard product (ceiling roses, fixings, driver boxes, etc.) are concealed by a simple recessed application.

Wire Trimless Accessory reduces the visual impact of the installation leading to extremely minimalist aesthetics. The wires come out of the ceiling material as a part of the structure. This detail creates a much purer, more essential layout, particular when several luminaires are fitted in an arrangement.

# WIRE TRIMLESS ACCESSORY

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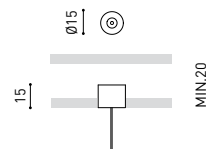
## BLACK FOSTER SUSPENSION

### FASTENING



| PRODUCT   |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| Model     | Steel Cable Trimless                                                                 |
| Reference | A023-00-05-   W   N                                                                  |
| Colour    | W <input type="checkbox"/> RAL 9016   N <input checked="" type="checkbox"/> RAL 9005 |
| Category  | Accessories                                                                          |

2 Pcs. needed



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