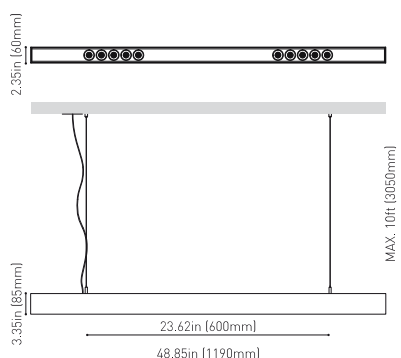


# Black Foster Suspension

# ARKOSLIGHT



## DIMENSIONS



## PRODUCT

|           |                                                       |
|-----------|-------------------------------------------------------|
| Name      | BLACK FOSTER SUSP 1200 UL FLOOD DIM ON BOARD 3500K WT |
| Reference | U3211053WT                                            |
| Color     | Textured white                                        |
| RAL       | 9016                                                  |
| Category  | SUSPENSION                                            |

## LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 2300 Lm         |
| Color temperature     | 3500 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 21 W            |
| Current               | 700 mA          |
| Efficacy              | 109 Lm/W        |
| LED lifespan          | L90B10>102.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 92%     |
| Delivered luminous flux | 2116 Lm |
| Light beam angle        | 38°     |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |                                     |
|----------------------------|-------------------------------------|
| Driver                     | Included: ERP-PSB series or similar |
| Power values of the system | 24 W                                |
| Frequency                  | 50/60 Hz                            |
| Dimming                    | DIM on Board                        |

## OTHER DATA

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Environmental location          | DAMP                                            |
| Junction box cover              | Included. For octagonal Junction box            |
| Junction box cover color        | Textured white. Other finishing, please consult |
| Junction box cover measurements | Ø5.51 in   Ø140 mm                              |
| Cord Length                     | MAX. 10 ft   MAX. 3.05 m                        |

## Awards



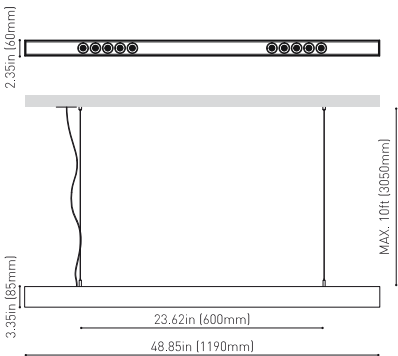
Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a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

# Black Foster Suspension

ARKOSLIGHT



## DIMENSIONS



Fast adjustment tensioner

Weight

Packaged weight

Packaging dimensions

Materials

## OTHER DATA

Yes

7.18 lb | 3255 gr

9.85 lb | 4470 gr

Ø6.10x50.00 in | Ø155x1270 mm

Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate



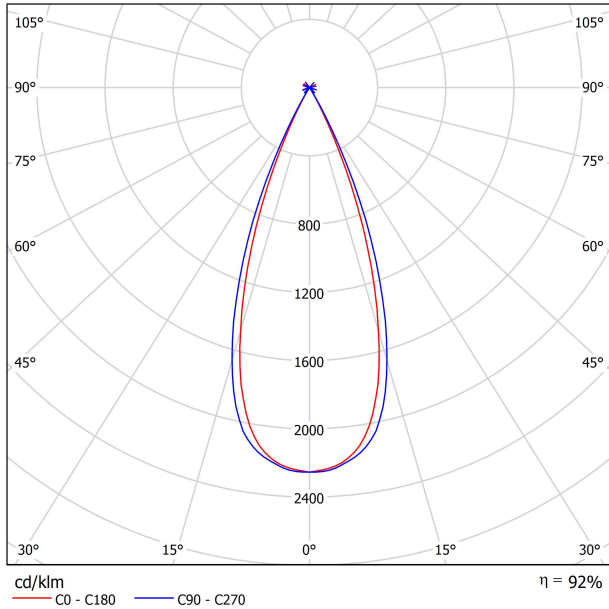
## Awards



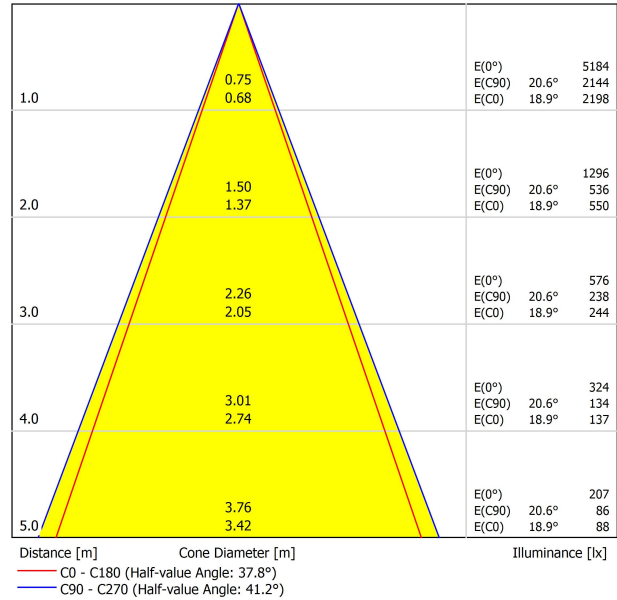
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POLAR DIAGRAM



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  | -8.8                                              | -8.2 | -8.6 | -8.0 | -7.8 | -6.1                                       | -5.5 | -5.9 | -5.3 | -5.1 |
|                                                                  | 3H  | -7.1                                              | -6.5 | -6.8 | -6.3 | -6.1 | -5.7                                       | -5.2 | -5.5 | -4.9 | -4.7 |
|                                                                  | 4H  | -6.9                                              | -6.3 | -6.6 | -6.1 | -5.8 | -5.7                                       | -5.2 | -5.4 | -4.9 | -4.7 |
|                                                                  | 6H  | -5.8                                              | -5.3 | -5.5 | -5.0 | -4.8 | -5.3                                       | -4.8 | -5.0 | -4.5 | -4.2 |
|                                                                  | 8H  | -5.8                                              | -5.3 | -5.5 | -5.0 | -4.7 | -4.8                                       | -4.3 | -4.4 | -4.0 | -3.7 |
| 4H                                                               | 12H | -5.1                                              | -4.7 | -4.8 | -4.4 | -4.1 | -4.2                                       | -3.7 | -3.8 | -3.4 | -3.1 |
|                                                                  | 2H  | -8.7                                              | -8.2 | -8.4 | -7.9 | -7.6 | -6.2                                       | -5.7 | -5.9 | -5.4 | -5.2 |
|                                                                  | 3H  | -7.0                                              | -6.6 | -6.7 | -6.3 | -6.0 | -5.8                                       | -5.3 | -5.4 | -5.0 | -4.7 |
|                                                                  | 4H  | -6.2                                              | -5.8 | -5.8 | -5.5 | -5.1 | -5.6                                       | -5.2 | -5.3 | -4.9 | -4.6 |
|                                                                  | 6H  | -4.3                                              | -4.0 | -3.9 | -3.6 | -3.3 | -4.5                                       | -4.1 | -4.1 | -3.8 | -3.4 |
| 8H                                                               | 8H  | -4.2                                              | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                       | -3.6 | -3.5 | -3.2 | -2.8 |
|                                                                  | 12H | -3.6                                              | -3.3 | -3.1 | -2.9 | -2.5 | -3.2                                       | -3.0 | -2.8 | -2.6 | -2.1 |
|                                                                  | 4H  | -5.9                                              | -5.6 | -5.5 | -5.2 | -4.8 | -5.4                                       | -5.1 | -5.0 | -4.7 | -4.3 |
|                                                                  | 6H  | -3.7                                              | -3.5 | -3.2 | -3.1 | -2.6 | -3.9                                       | -3.7 | -3.5 | -3.3 | -2.8 |
|                                                                  | 8H  | -3.5                                              | -3.3 | -3.0 | -2.9 | -2.4 | -3.3                                       | -3.2 | -2.9 | -2.7 | -2.3 |
| 12H                                                              | 12H | -2.8                                              | -2.6 | -2.3 | -2.2 | -1.7 | -2.7                                       | -2.5 | -2.2 | -2.1 | -1.6 |
|                                                                  | 4H  | -5.8                                              | -5.5 | -5.3 | -5.1 | -4.7 | -5.3                                       | -5.0 | -4.8 | -4.6 | -4.2 |
|                                                                  | 6H  | -3.6                                              | -3.4 | -3.2 | -3.0 | -2.5 | -3.8                                       | -3.6 | -3.4 | -3.2 | -2.7 |
|                                                                  | 8H  | -3.4                                              | -3.2 | -2.9 | -2.8 | -2.3 | -3.3                                       | -3.1 | -2.8 | -2.7 | -2.2 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         |     | +2.4 / -1.3                                       |      |      |      |      | +3.7 / -1.4                                |      |      |      |      |
| S = 1.5H                                                         |     | +4.3 / -1.5                                       |      |      |      |      | +6.0 / -1.8                                |      |      |      |      |
| S = 2.0H                                                         |     | +6.3 / -4.1                                       |      |      |      |      | +8.0 / -2.2                                |      |      |      |      |
| Standard table                                                   |     | BK07                                              |      |      |      |      | ---                                        |      |      |      |      |
| Correction Summand                                               |     | -21.5                                             |      |      |      |      | ---                                        |      |      |      |      |
| Corrected Glare Indices referring to 2300lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |