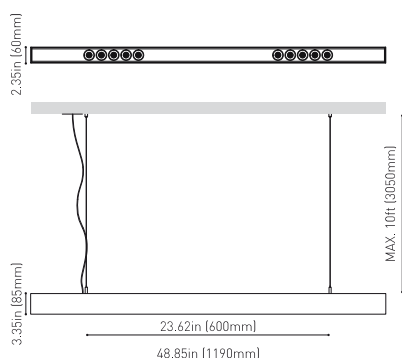


# Black Foster Suspension

# ARKOSLIGHT



## DIMENSIONS



## PRODUCT

|           |                                          |
|-----------|------------------------------------------|
| Name      | BLACK FOSTER SUSP 1200 UL FLOOD 2700K NT |
| Reference | U3211010NT                               |
| Color     | Textured black                           |
| RAL       | 9005                                     |
| Category  | SUSPENSION                               |

## LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 1900 Lm         |
| Color temperature     | 2700 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 21 W            |
| Current               | 700 mA          |
| Efficacy              | 90 Lm/W         |
| LED lifespan          | L90B10>102.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 92%     |
| Delivered luminous flux | 1748 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                    | 0-10V / TRIAC/ELV dimming only at 120V |

## OTHER DATA

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

## Awards



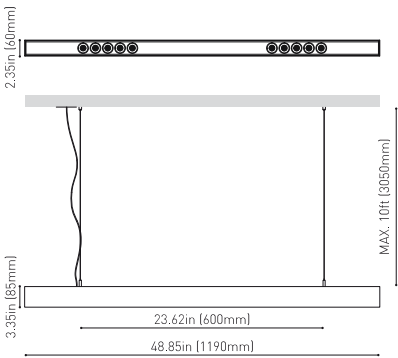
Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a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

Ø6.10 x 50.00 in | Ø155 x 1270 mm

Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

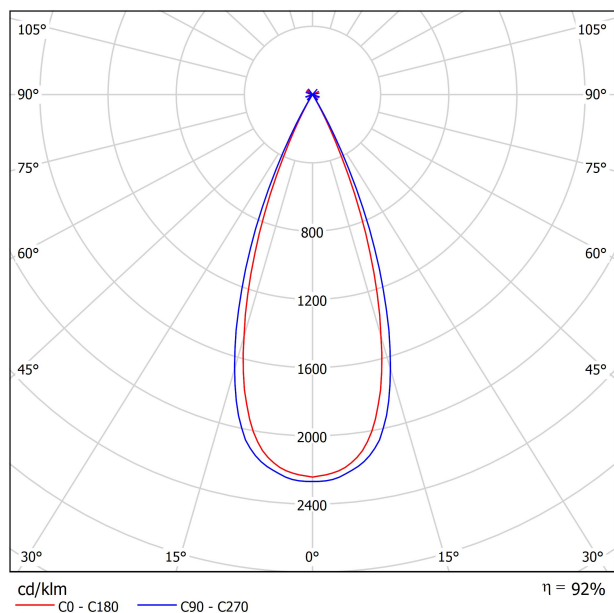


## Awards

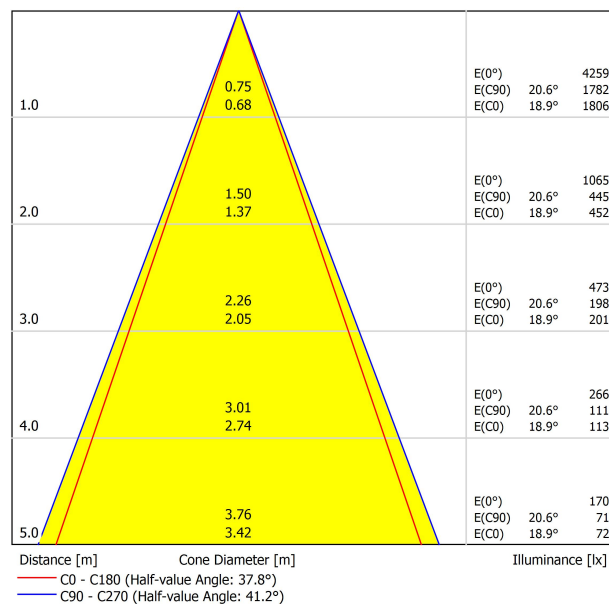


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POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-------|
| ρ Ceiling                                                        |     | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    | 30    |
| ρ Walls                                                          |     | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    | 30    |
| ρ Floor                                                          |     | 20                                                | 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  | -24.7                                             | -24.0 | -24.4 | -23.8 | -23.6 | -21.7                                      | -21.1 | -21.5 | -20.9 | -20.7 | -20.7 |
|                                                                  | 3H  | -13.0                                             | -12.4 | -12.7 | -12.2 | -11.9 | -15.9                                      | -15.4 | -15.7 | -15.1 | -14.9 | -14.9 |
|                                                                  | 4H  | -12.5                                             | -11.9 | -12.2 | -11.7 | -11.4 | -14.2                                      | -13.7 | -13.9 | -13.5 | -13.2 | -13.2 |
|                                                                  | 6H  | -9.4                                              | -8.9  | -9.1  | -8.6  | -8.3  | -11.0                                      | -10.5 | -10.6 | -10.2 | -9.9  | -9.9  |
|                                                                  | 8H  | -9.3                                              | -8.9  | -9.0  | -8.6  | -8.3  | -9.0                                       | -8.5  | -8.7  | -8.2  | -8.0  | -8.0  |
|                                                                  | 12H | -8.0                                              | -7.5  | -7.6  | -7.2  | -6.9  | -7.3                                       | -6.9  | -7.0  | -6.6  | -6.2  | -6.2  |
| 4H                                                               | 2H  | -17.4                                             | -16.8 | -17.1 | -16.6 | -16.3 | -16.9                                      | -16.3 | -16.6 | -16.1 | -15.8 | -15.8 |
|                                                                  | 3H  | -12.3                                             | -11.8 | -12.0 | -11.5 | -11.2 | -13.5                                      | -13.1 | -13.2 | -12.8 | -12.5 | -12.5 |
|                                                                  | 4H  | -9.6                                              | -9.2  | -9.2  | -8.8  | -8.5  | -12.5                                      | -12.1 | -12.1 | -11.8 | -11.4 | -11.4 |
|                                                                  | 6H  | -7.1                                              | -6.8  | -6.7  | -6.4  | -6.0  | -8.0                                       | -7.7  | -7.6  | -7.3  | -6.9  | -6.9  |
|                                                                  | 8H  | -7.0                                              | -6.7  | -6.6  | -6.3  | -5.9  | -6.7                                       | -6.4  | -6.3  | -6.1  | -5.7  | -5.7  |
|                                                                  | 12H | -5.8                                              | -5.6  | -5.4  | -5.2  | -4.8  | -5.4                                       | -5.1  | -4.9  | -4.7  | -4.3  | -4.3  |
| 8H                                                               | 4H  | -9.5                                              | -9.2  | -9.0  | -8.8  | -8.4  | -11.7                                      | -11.4 | -11.3 | -11.0 | -10.6 | -10.6 |
|                                                                  | 6H  | -5.8                                              | -5.5  | -5.3  | -5.1  | -4.7  | -7.0                                       | -6.8  | -6.5  | -6.3  | -5.9  | -5.9  |
|                                                                  | 8H  | -5.4                                              | -5.3  | -5.0  | -4.8  | -4.4  | -5.9                                       | -5.7  | -5.4  | -5.3  | -4.8  | -4.8  |
|                                                                  | 12H | -4.4                                              | -4.3  | -4.0  | -3.8  | -3.3  | -4.7                                       | -4.5  | -4.2  | -4.1  | -3.6  | -3.6  |
| 12H                                                              | 4H  | -9.1                                              | -8.9  | -8.7  | -8.5  | -8.1  | -10.7                                      | -10.5 | -10.3 | -10.1 | -9.7  | -9.7  |
|                                                                  | 6H  | -5.6                                              | -5.4  | -5.1  | -5.0  | -4.5  | -6.6                                       | -6.5  | -6.2  | -6.0  | -5.6  | -5.6  |
|                                                                  | 8H  | -5.3                                              | -5.1  | -4.8  | -4.7  | -4.2  | -5.6                                       | -5.5  | -5.1  | -5.0  | -4.5  | -4.5  |
| 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                                               |     | -24.4                                             |       |       |       |       | ---                                        |       |       |       |       |       |
| Corrected Glare Indices referring to 1900lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |