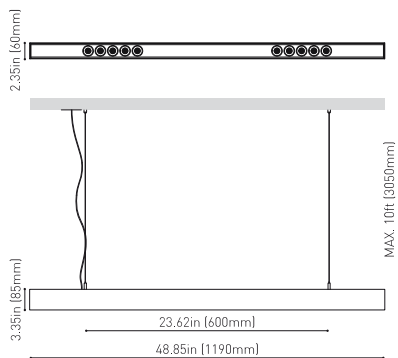


# Black Foster Suspension

ARKOSLIGHT



## DIMENSIONS



## AWARDS



## PRODUCT

|           |                                         |
|-----------|-----------------------------------------|
| Name      | BLACK FOSTER SUSP 1200 UL SPOT 3500K WT |
| Reference | U3211113WT                              |
| Color     | Textured white                          |
| 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     | 90%     |
| Delivered luminous flux | 2070 Lm |
| Light beam angle        | 19°     |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |                                        |
|----------------------------|----------------------------------------|
| Driver                     | Included: ERP-PSB series or similar    |
| Power values of the system | 24,00 W                                |
| Frequency                  | 50/60 Hz                               |
| Dimming                    | 0-10V / TRIAC/ELV dimming only at 120V |

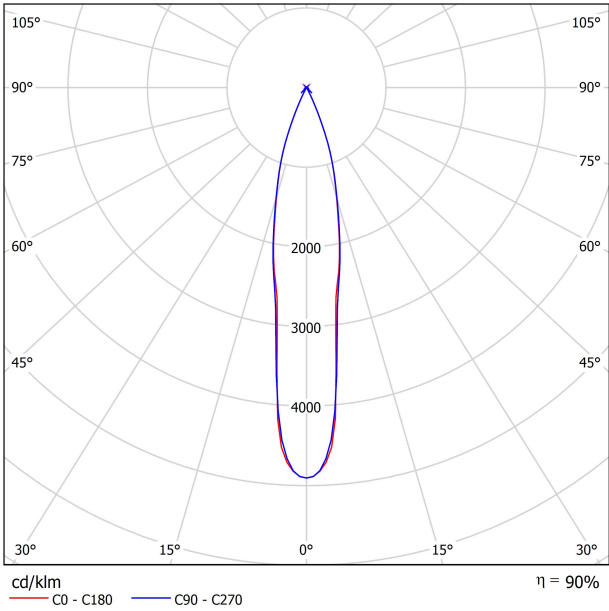
## OTHER DATA

|                                 |                                                             |
|---------------------------------|-------------------------------------------------------------|
| Environmental location          | DAMP                                                        |
| Junction box cover              | Included. For octagonal Junction box                        |
| Junction box cover color        | Textured white. Other finishing, please consult             |
| Junction box cover measurements | Ø5.51 in   Ø140 mm                                          |
| Cord Length                     | MAX. 3.05 m                                                 |
| Fast adjustment tensioner       | Yes                                                         |
| Weight                          | 7.18 lb   3255 gr                                           |
| Packaged weight                 | 9.85 lb   4470 gr                                           |
| Packaging dimensions            | Ø6.10x50.00 in   Ø155x1270 mm                               |
| Materials                       | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

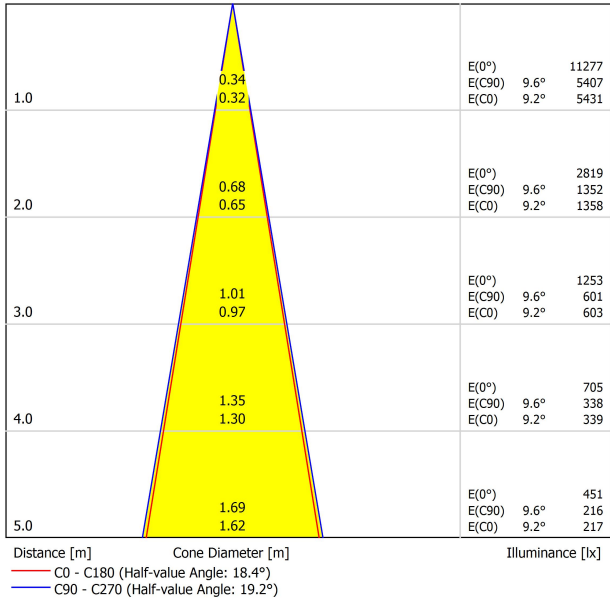


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a 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   | 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  | -0.1                                              | 0.6  | 0.2  | 0.8  | 1.0  | 0.5                                        | 1.1  | 0.7  | 1.3  | 1.5  | 1.5  |
|                                                                  | 3H  | 3.1                                               | 3.7  | 3.4  | 4.0  | 4.2  | 3.9                                        | 4.5  | 4.2  | 4.8  | 5.0  | 5.0  |
|                                                                  | 4H  | 5.0                                               | 5.5  | 5.3  | 5.8  | 6.0  | 5.9                                        | 6.5  | 6.2  | 6.7  | 7.0  | 7.0  |
|                                                                  | 6H  | 7.0                                               | 7.6  | 7.4  | 7.8  | 8.1  | 8.1                                        | 8.7  | 8.4  | 8.9  | 9.2  | 9.2  |
|                                                                  | 8H  | 8.1                                               | 8.6  | 8.5  | 8.9  | 9.2  | 9.4                                        | 9.9  | 9.7  | 10.2 | 10.5 | 10.5 |
|                                                                  | 12H | 9.5                                               | 10.0 | 9.8  | 10.3 | 10.6 | 10.8                                       | 11.3 | 11.1 | 11.6 | 11.9 | 11.9 |
| 4H                                                               | 2H  | 1.2                                               | 1.8  | 1.5  | 2.0  | 2.3  | 1.6                                        | 2.1  | 1.9  | 2.4  | 2.6  | 2.6  |
|                                                                  | 3H  | 4.6                                               | 5.1  | 4.9  | 5.4  | 5.7  | 5.2                                        | 5.7  | 5.6  | 6.0  | 6.3  | 6.3  |
|                                                                  | 4H  | 6.6                                               | 7.0  | 7.0  | 7.3  | 7.7  | 7.3                                        | 7.8  | 7.7  | 8.1  | 8.4  | 8.4  |
|                                                                  | 6H  | 8.8                                               | 9.1  | 9.2  | 9.5  | 9.9  | 9.7                                        | 10.1 | 10.1 | 10.4 | 10.8 | 10.8 |
|                                                                  | 8H  | 10.0                                              | 10.3 | 10.4 | 10.7 | 11.1 | 11.0                                       | 11.4 | 11.5 | 11.7 | 12.1 | 12.1 |
|                                                                  | 12H | 11.4                                              | 11.7 | 11.8 | 12.1 | 12.5 | 12.6                                       | 12.9 | 13.0 | 13.3 | 13.7 | 13.7 |
| 8H                                                               | 4H  | 7.5                                               | 7.8  | 7.9  | 8.2  | 8.6  | 8.1                                        | 8.4  | 8.5  | 8.8  | 9.2  | 9.2  |
|                                                                  | 6H  | 9.9                                               | 10.1 | 10.3 | 10.5 | 11.0 | 10.7                                       | 10.9 | 11.1 | 11.3 | 11.8 | 11.8 |
|                                                                  | 8H  | 11.3                                              | 11.5 | 11.7 | 11.9 | 12.4 | 12.2                                       | 12.4 | 12.7 | 12.8 | 13.3 | 13.3 |
|                                                                  | 12H | 12.9                                              | 13.1 | 13.4 | 13.5 | 14.0 | 13.9                                       | 14.1 | 14.4 | 14.6 | 15.0 | 15.0 |
| 12H                                                              | 4H  | 7.8                                               | 8.0  | 8.2  | 8.4  | 8.9  | 8.3                                        | 8.5  | 8.7  | 8.9  | 9.4  | 9.4  |
|                                                                  | 6H  | 10.3                                              | 10.5 | 10.7 | 10.9 | 11.4 | 10.9                                       | 11.1 | 11.4 | 11.6 | 12.1 | 12.1 |
|                                                                  | 8H  | 11.8                                              | 11.9 | 12.3 | 12.4 | 12.9 | 12.6                                       | 12.7 | 13.1 | 13.2 | 13.7 | 13.7 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |
| S = 1.0H                                                         |     | +0.2 / -0.1                                       |      |      |      |      | +0.2 / -0.1                                |      |      |      |      |      |
| S = 1.5H                                                         |     | +0.3 / -0.3                                       |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |      |
| S = 2.0H                                                         |     | +0.5 / -0.5                                       |      |      |      |      | +0.5 / -0.5                                |      |      |      |      |      |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |
| Summand                                                          |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |
| Corrected Glare Indices referring to 2300lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |