



## DIMENSIONS



## AWARDS



## PRODUCT

|           |   |
|-----------|---|
| Name      | BLACK FOSTER SUSP 1200 UL FLOOD DIM ON BOARD 3500K NTMG |
| Reference | U3211053NTMG  |
| Color     | Textured black-Metallized gold                          |
| 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 | 24,00 W                             |
| Frequency                  | 50/60 Hz                            |
| Dimming                    | DIM on Board                        |

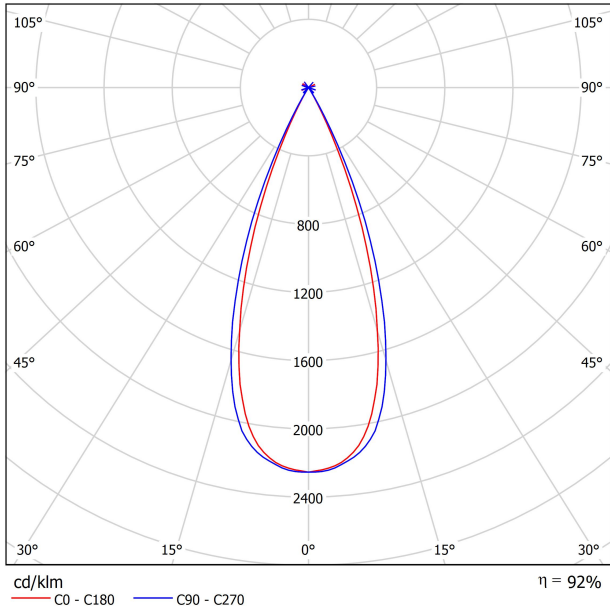
## OTHER DATA

|                                 |   |
|---------------------------------|---|
| 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. 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 |

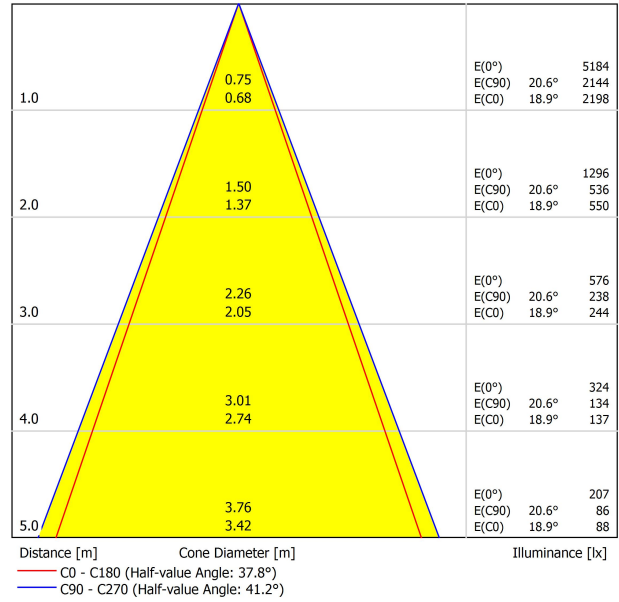


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a 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   |
| 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 | -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   | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 8H   | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 12H  | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 12H  | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 12H  | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 12H  | 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 | -4.2   | -4.0 | -3.8 | -3.6 | -3.2 | -3.9                                    | -3.6 | -3.5 | -3.2 | -2.8 |
| 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  |    |  |      |      |      |      |   |      |      |      |      |