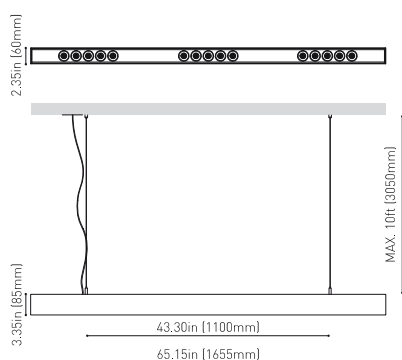


# BLACK FOSTER SUSPENSION

JOKERLIGHT®



## DIMENSIONS



## AWARDS



## PRODUCT

|           |                                                       |
|-----------|-------------------------------------------------------|
| Name      | BLACK FOSTER SUSP 1600 UL FLOOD DIM ON BOARD 3500K NT |
| Reference | U3212053NT                                            |
| Color     | Textured black                                        |
| Category  | SUSPENSION                                            |

## LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 3450 Lm         |
| Color temperature     | 3500 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 31.5 W          |
| Current               | 700 mA          |
| Efficacy              | 109 Lm/W        |
| LED lifespan          | L80B10 >60.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 92%     |
| Delivered luminous flux | 3174 Lm |
| Light beam angle        | 38°     |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |                                     |
|----------------------------|-------------------------------------|
| Driver                     | Included: ERP-PSB series or similar |
| Power values of the system | 37,00 W                             |
| Frequency                  | 50/60 Hz                            |
| Dimming                    | DIM on Board                        |

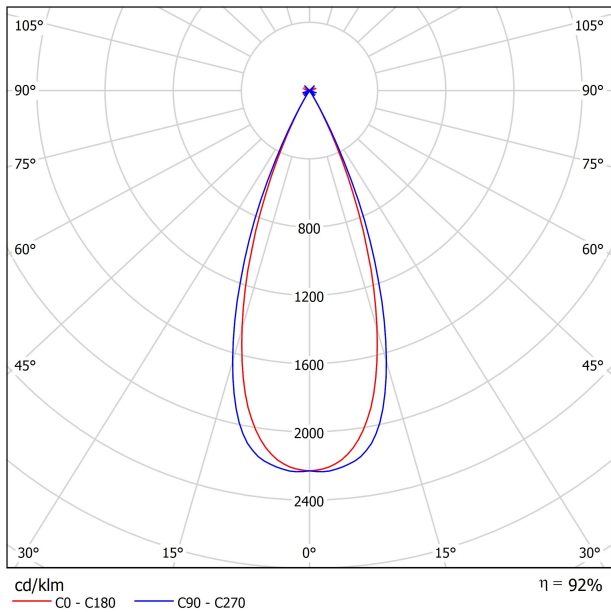
## OTHER DATA

|                                 |                                                             |
|---------------------------------|-------------------------------------------------------------|
| 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                          | 9.42 lb   4275 gr                                           |
| Packaged weight                 | 13.01 lb   5900 gr                                          |
| Packaging dimensions            | Ø6.10x68.31 in   Ø155x1735 mm                               |
| Materials                       | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

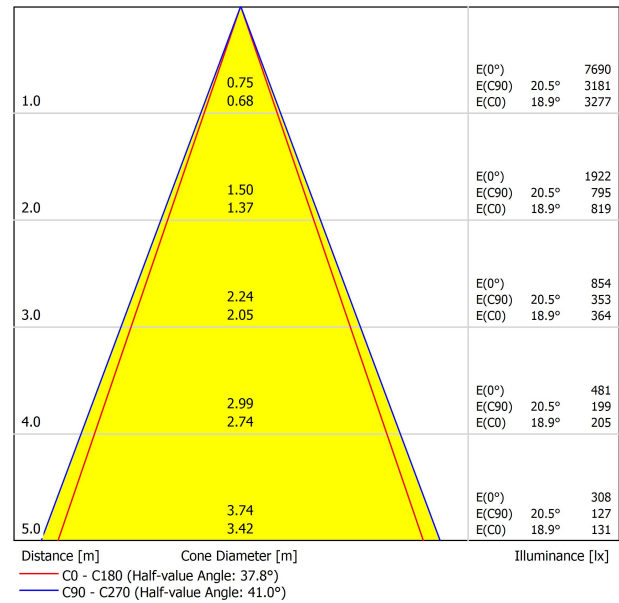


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a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

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|
| p Ceiling                                                        |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   | 30   |      |
| p Walls                                                          |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   | 30   |      |
| p 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  | -4.5                                              | -3.9 | -4.3 | -3.7 | -3.5 | -6.2                                       | -5.6 | -6.0 | -5.4 | -5.2 | -5.1 |      |
|                                                                  | 3H  | -4.5                                              | -3.9 | -4.2 | -3.7 | -3.5 | -6.1                                       | -5.5 | -5.8 | -5.3 | -5.1 | -5.1 |      |
|                                                                  | 4H  | -4.5                                              | -3.9 | -4.2 | -3.7 | -3.4 | -5.6                                       | -5.0 | -5.3 | -4.8 | -4.5 | -4.5 |      |
|                                                                  | 6H  | -4.3                                              | -3.8 | -4.0 | -3.5 | -3.2 | -4.1                                       | -3.6 | -3.8 | -3.3 | -3.1 | -3.1 |      |
|                                                                  | 8H  | -4.0                                              | -3.5 | -3.7 | -3.3 | -3.0 | -3.8                                       | -3.3 | -3.4 | -3.0 | -2.7 | -2.7 |      |
| 12H                                                              | 12H | -3.9                                              | -3.4 | -3.5 | -3.1 | -2.8 | -3.6                                       | -3.2 | -3.3 | -2.9 | -2.6 | -2.6 |      |
|                                                                  | 4H  | 2H                                                | -4.6 | -4.1 | -4.3 | -3.8 | -3.6                                       | -6.2 | -5.7 | -5.9 | -5.4 | -5.2 | -5.2 |
|                                                                  |     | 3H                                                | -4.5 | -4.1 | -4.2 | -3.8 | -3.5                                       | -6.0 | -5.5 | -5.6 | -5.2 | -4.9 | -4.9 |
|                                                                  |     | 4H                                                | -4.4 | -4.0 | -4.0 | -3.6 | -3.3                                       | -5.1 | -4.7 | -4.8 | -4.4 | -4.1 | -4.1 |
|                                                                  |     | 6H                                                | -3.9 | -3.6 | -3.5 | -3.2 | -2.8                                       | -2.8 | -2.4 | -2.4 | -2.1 | -1.7 | -1.7 |
| 8H                                                               |     | -3.3                                              | -3.0 | -2.9 | -2.7 | -2.3 | -2.3                                       | -2.0 | -1.9 | -1.6 | -1.2 | -1.2 |      |
| 12H                                                              | 12H | -3.1                                              | -2.9 | -2.7 | -2.5 | -2.1 | -2.0                                       | -1.8 | -1.6 | -1.4 | -1.0 | -1.0 |      |
|                                                                  | 8H  | 4H                                                | -4.0 | -3.7 | -3.6 | -3.4 | -3.0                                       | -4.7 | -4.4 | -4.3 | -4.0 | -3.6 | -3.6 |
|                                                                  |     | 6H                                                | -3.3 | -3.1 | -2.8 | -2.6 | -2.2                                       | -1.9 | -1.7 | -1.4 | -1.2 | -0.8 | -0.8 |
|                                                                  |     | 8H                                                | -2.4 | -2.2 | -1.9 | -1.8 | -1.3                                       | -1.3 | -1.1 | -0.9 | -0.7 | -0.2 | -0.2 |
|                                                                  |     | 12H                                               | -2.1 | -2.0 | -1.7 | -1.5 | -1.1                                       | -0.7 | -0.6 | -0.2 | -0.1 | 0.4  | 0.4  |
| 12H                                                              | 4H  | -3.9                                              | -3.6 | -3.4 | -3.2 | -2.8 | -4.6                                       | -4.4 | -4.2 | -4.0 | -3.6 | -3.6 |      |
|                                                                  | 6H  | -3.0                                              | -2.8 | -2.5 | -2.4 | -1.9 | -1.8                                       | -1.6 | -1.3 | -1.1 | -0.7 | -0.7 |      |
|                                                                  | 8H  | -2.0                                              | -1.9 | -1.6 | -1.5 | -1.0 | -1.1                                       | -1.0 | -0.7 | -0.5 | -0.1 | -0.1 |      |
| 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 / -2.7                                       |      |      |      |      | +5.9 / -2.3                                |      |      |      |      |      |      |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Summand                                                          |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Corrected Glare Indices referring to 3450lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |      |