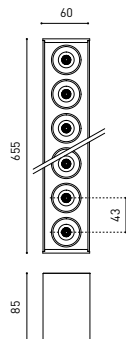




## GRÖßE



## PREISE



|               |                               |
|---------------|-------------------------------|
| Name          | BLACK FOSTER SURF 15 2700K NT |
| Artikelnummer | A3206010NT                    |
| Farbe         | Schwarz strukturiert          |
| RAL           | 9005                          |
| Kategorie     | SURFACE                       |

## PRODUKT

BLACK FOSTER SURF 15 2700K NT

A3206010NT

Schwarz strukturiert

9005

SURFACE

## LICHTINFORMATIONEN

|  |                           |
|--|---------------------------|
| Lichtquelle                                | LED                       |
| Bruttolichtstrom                           | 2850 Lm                   |
| Leistung                                   | 31,5 W                    |
| Leistungswerte des Systems                 | 35,80 W                   |
| Farbtemperatur                             | 2700 K                    |
| Farbwiedergabeindex                        | CRI>90                    |
| Farbstabilität                             | Mac Adam Step 3           |
| Abstrahlwinkel                             | 38°                       |
| Blendungsbewertung                         | UGR<19                    |
| Leuchtenwirkungsgrad (LOR)                 | 90%                       |
| Lichtausbeute                              | 90 Lm/W                   |
| Stromstärke                                | 700 mA                    |
| Steuerung über Bluetooth                   | Bitte anfragen            |
| Vorschaltgerät                             | Inklusiv                  |
| Schutzklasse                               | <input type="checkbox"/>  |
| Spannung                                   | 220 V/240 V               |
| Frequenz                                   | 50/60 Hz                  |
| Energieeffizienzklasse                     | A                         |
| Nutzlebensdauer der LED in Betriebsstunden | L80B10 (Tc=85°C) >60.000h |

## ANDERE DATEN

|                            |  |
|----------------------------|--|
| Dichtigkeit                | IP20   |
| Gewicht                    | 1900 g.  |
| Gewicht inkl. Verpackung   | 2750 g.  |
| Abmessungen der Verpackung | D128 × 480 mm.   |
| Stück pro Verpackung       | 1  |
| Materialien                | Aluminium / Acrylnitril-Butadien-Styrol / Polycarbonat |

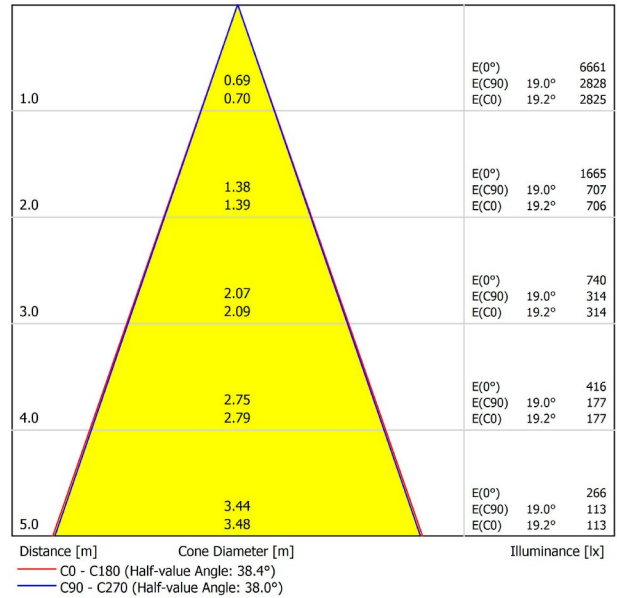


Black Foster Surface ist eine Leuchten Serie die den hoch gelobten "The Invisible Black" -Effekt zu einem linearen Aufbau-Strahler System bringt. Black Foster ist dank seiner geringen Größe und seiner geringen Blendung das perfekte Lichtsystem für zurückhaltende Innenarchitektur.

POLAR-KOORDINATEN DIAGRAMM



KEGELDIAGRAMM



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          | -13.9  | -13.3 | -13.7 | -13.1 | -12.9       | -14.8                                   | -14.1 | -14.5 | -13.9 | -13.7 |
|  | 3H          | -7.6   | -7.0  | -7.3  | -6.8  | -6.6        | -7.5                                    | -6.9  | -7.2  | -6.7  | -6.4  |
|  | 4H          | -4.1   | -3.6  | -3.8  | -3.3  | -3.1        | -3.5                                    | -3.0  | -3.2  | -2.7  | -2.5  |
|  | 6H          | -0.5   | 0.0   | -0.2  | 0.3   | 0.6         | -0.1                                    | 0.4   | 0.2   | 0.7   | 1.0   |
|  | 8H          | 1.4  | 1.9   | 1.7   | 2.2   | 2.4         | 1.7                                     | 2.2   | 2.0   | 2.5   | 2.8   |
| 4H   | 12H         | 3.4  | 3.8   | 3.7   | 4.1   | 4.4         | 3.7                                     | 4.2   | 4.1   | 4.5   | 4.8   |
|  | 2H          | -11.4  | -10.8 | -11.1 | -10.6 | -10.3       | -11.7                                   | -11.2 | -11.4 | -10.9 | -10.7 |
|  | 3H          | -5.4   | -4.9  | -5.0  | -4.6  | -4.3        | -5.2                                    | -4.7  | -4.9  | -4.4  | -4.1  |
|  | 4H          | -2.0   | -1.6  | -1.6  | -1.2  | -0.9        | -1.5                                    | -1.1  | -1.1  | -0.8  | -0.4  |
|  | 6H          | 1.6  | 1.9   | 2.0   | 2.3   | 2.7         | 1.9                                     | 2.2   | 2.3   | 2.6   | 3.0   |
| 8H   | 8H          | 3.5  | 3.8   | 3.9   | 4.1   | 4.5         | 3.7                                     | 4.0   | 4.2   | 4.4   | 4.8   |
|  | 12H         | 5.5  | 5.7   | 5.9   | 6.1   | 6.6         | 5.8                                     | 6.1   | 6.3   | 6.5   | 6.9   |
|  | 4H          | -0.4   | -0.1  | -0.0  | 0.2   | 0.6         | -0.1                                    | 0.2   | 0.3   | 0.5   | 0.9   |
|  | 6H          | 3.2  | 3.4   | 3.7   | 3.9   | 4.3         | 3.4                                     | 3.6   | 3.9   | 4.1   | 4.5   |
|  | 8H          | 5.2  | 5.4   | 5.7   | 5.8   | 6.3         | 5.4                                     | 5.6   | 5.9   | 6.0   | 6.5   |
| 12H  | 12H         | 7.4  | 7.5   | 7.8   | 8.0   | 8.5         | 7.6                                     | 7.8   | 8.1   | 8.2   | 8.7   |
|  | 4H          | 0.1  | 0.3   | 0.5   | 0.7   | 1.2         | 0.3                                     | 0.6   | 0.8   | 1.0   | 1.4   |
|  | 6H          | 3.8  | 4.0   | 4.3   | 4.4   | 4.9         | 4.0                                     | 4.2   | 4.5   | 4.6   | 5.1   |
| 8H   | 5.9         | 6.0  | 6.4   | 6.5   | 7.0   | 6.1         | 6.2                                     | 6.5   | 6.7   | 7.2   |       |
| Variation of the observer position for the luminaire distances S |             |  |       |       |       |             |   |       |       |       |       |
| S = 1.0H   | +0.9 / -0.3 |  |       |       |       | +1.3 / -0.4 |   |       |       |       |       |
| S = 1.5H   | +1.9 / -0.6 |  |       |       |       | +2.7 / -0.7 |   |       |       |       |       |
| S = 2.0H   | +3.1 / -0.8 |  |       |       |       | +4.2 / -1.0 |   |       |       |       |       |
| Standard table   | ---         |  |       |       |       | ---         |   |       |       |       |       |
| Correction   | ---         |  |       |       |       | ---         |   |       |       |       |       |
| Summand  | ---         |  |       |       |       | ---         |   |       |       |       |       |
| Corrected Glare Indices referring to 2850lm Total Luminous Flux  |             |  |       |       |       |             |   |       |       |       |       |