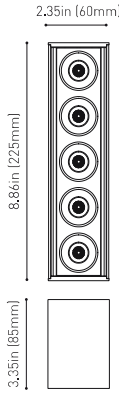
# BLACK FOSTER SURFACE

JOKERLIGHT®

## DIMENSIONS




## PRODUCT

| | |
|---|---|
| Name | BLACK FOSTER SURF 5 UL FLOOD 4000K NTMG |
| Reference | U3204012NTMG |
| Color | Textured black-Metallized gold |
| Category | SURFACE |

## LIGHT SOURCE

| | |
|---|---|
| Type | LED |
| Gross luminous flux | 1250 Lm |
| Color temperature | 4000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 10.5 W |
| Current | 700 mA |
| Efficacy | 119 Lm/W |
| LED lifespan | L80B10 >60.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|---|---|
| Lighting efficiency | 92% |
| Delivered luminous flux | 1150 Lm |
| Light beam angle | 38° |

## LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|---|---|
| Driver | Included: APS L9WCD series |
| Power values of the system | 13,00 W |
| Frequency | 50/60 Hz |
| Dimming | 0-10V / TRIAC |

## OTHER DATA

| | |
|---|---|
| Environmental location | DAMP |
| Junction box cover | Included. For octogonal Junction box |
| Junction box cover color | Textured white. Other finishing, please consult |
| Junction box cover measurements | Ø4.33 in \| Ø110 mm |
| Weight | 2.37 lb \| 1077 gr |
| Packaged weight | 2.63 lb \| 1192 gr |
| Packaging dimensions | 11.61x6.10x2.87 in \| 295x155x73 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

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## AWARDS

iF DESIGN AWARD 2019

BESTofyear HONOREE 2019 INTERIOR DESIGN

Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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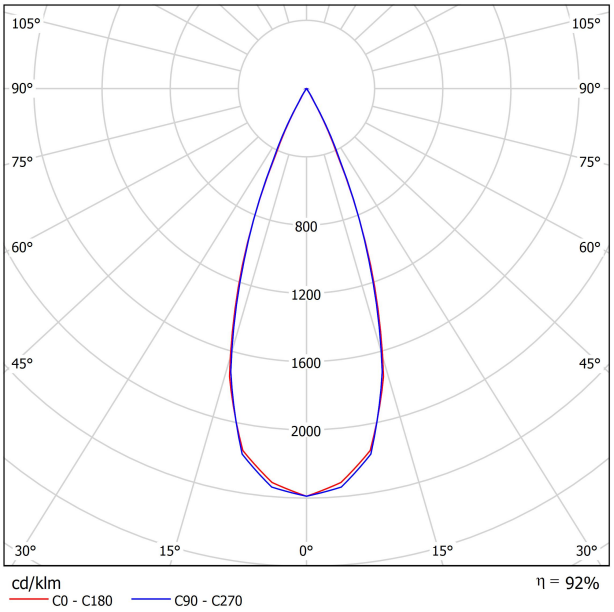
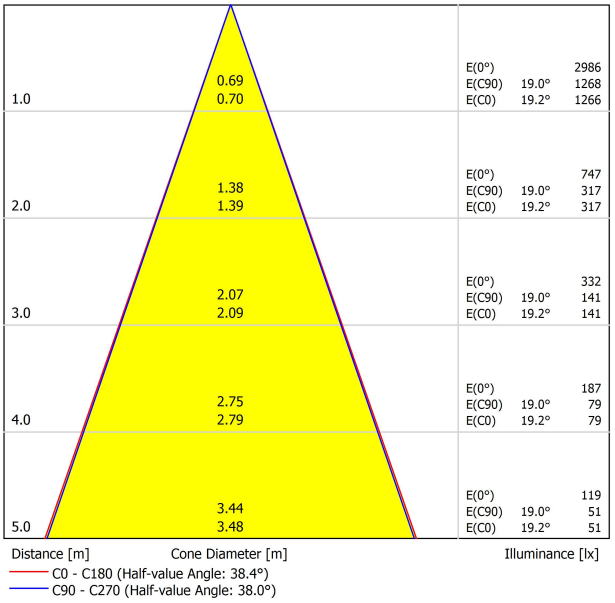
15-05-25 / 02:35

5 Year WARRANTY*

## 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 | -12.8 | -12.2 | -12.5 | -12.0 | -11.8 | -13.7 | -13.0 | -13.4 | -12.8 | -12.7 |
| | 3H | -6.5 | -5.9 | -6.2 | -5.7 | -5.4 | -6.4 | -5.8 | -6.1 | -5.6 | -5.3 |
| | 4H | -3.0 | -2.4 | -2.7 | -2.2 | -1.9 | -2.4 | -1.9 | -2.1 | -1.6 | -1.4 |
| | 6H | 0.7 | 1.2 | 1.0 | 1.4 | 1.7 | 1.0 | 1.5 | 1.4 | 1.8 | 2.1 |
| | 8H | 2.5 | 3.0 | 2.8 | 3.3 | 3.6 | 2.8 | 3.3 | 3.2 | 3.6 | 3.9 |
| | 12H | 4.5 | 5.0 | 4.9 | 5.3 | 5.6 | 4.9 | 5.3 | 5.2 | 5.6 | 5.9 |
| 4H | 2H | -10.2 | -9.7 | -9.9 | -9.4 | -9.2 | -10.6 | -10.0 | -10.3 | -9.8 | -9.5 |
| | 3H | -4.2 | -3.8 | -3.9 | -3.5 | -3.2 | -4.1 | -3.6 | -3.7 | -3.3 | -3.0 |
| | 4H | -0.8 | -0.4 | -0.5 | -0.1 | 0.2 | -0.4 | 0.0 | -0.0 | 0.3 | 0.7 |
| | 6H | 2.7 | 3.1 | 3.1 | 3.4 | 3.8 | 3.0 | 3.4 | 3.4 | 3.7 | 4.1 |
| | 8H | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 | 4.9 | 5.2 | 5.3 | 5.5 | 5.9 |
| | 12H | 6.6 | 6.9 | 7.1 | 7.3 | 7.7 | 7.0 | 7.2 | 7.4 | 7.6 | 8.0 |
| 8H | 4H | 0.7 | 1.0 | 1.1 | 1.4 | 1.8 | 1.0 | 1.3 | 1.4 | 1.7 | 2.1 |
| | 6H | 4.4 | 4.6 | 4.8 | 5.0 | 5.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.6 |
| | 8H | 6.3 | 6.5 | 6.8 | 6.9 | 7.4 | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 |
| | 12H | 8.5 | 8.6 | 9.0 | 9.1 | 9.6 | 8.7 | 8.9 | 9.2 | 9.4 | 9.8 |
| 12H | 4H | 1.2 | 1.5 | 1.7 | 1.9 | 2.3 | 1.5 | 1.7 | 1.9 | 2.1 | 2.5 |
| | 6H | 4.9 | 5.1 | 5.4 | 5.6 | 6.0 | 5.1 | 5.3 | 5.6 | 5.7 | 6.2 |
| | 8H | 7.0 | 7.2 | 7.5 | 7.6 | 8.1 | 7.2 | 7.3 | 7.7 | 7.8 | 8.3 |

| 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 1250lm Total Luminous Flux