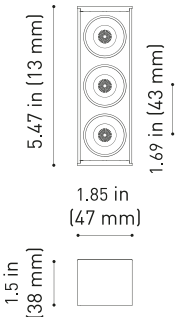
# Black Foster Surface Remote

ARKOSLIGHT



## Dimensions




| | |
|---|---|
| | **PRODUCT** |
| **Name** | BLACK FOSTER SURFACE REMOTE 3 UL SPOT 2700K WT |
| **Reference** | U4803100WT |
| **Color** | White-Black |
| **RAL** | Colour in the mass looks alike RAL 9016 & 9005 |
| **Category** | SURFACE |

| | |
|---|---|
| | **MOUNTING ACCESSORY / DRIVER** |
| **Mounting Accessory / Driver** | Mandatory, not included. See Mounting acc. Page |
| **Model** | REMOTE BOX 5.6-33W 700mA |
| **Reference** | U100003602 |

| | |
|---|---|
| | **LIGHT SOURCE** |
| **Type** | LED |
| **Gross luminous flux** | 570 Lm |
| **Color temperature** | 2700 K |
| **Chromatic stability** | MacAdam Step 3 |
| **Color Rendering Index** | CRI>90 |
| **Power** | 6.3 W |
| **Current** | 700 mA |
| **Efficacy** | 90 Lm/W |
| **LED lifespan** | L90B10>102.000h |

| | |
|---|---|
| | **LIGHTING FIXTURE \| PHOTOMETRIC DATA** |
| **Lighting efficiency** | 90% |
| **Delivered luminous flux** | 513 Lm |
| **Light beam angle** | 19° |

| | |
|---|---|
| | **LIGHTING FIXTURE \| ELECTRICAL DATA** |
| **Power values of the system** | 8.8 W |
| **Voltage** | 120-277 V |
| **Frequency** | 50/60 Hz |
| **Dimming** | 0-10V |

| | |
|---|---|
| | **OTHER DATA** |
| **IC Rated** | Yes |
| **Environmental location** | DAMP |
| **Weight** | 0.540 lb \| 245 gr |
| **Packaged weight** | 0.661 lb \| 300 gr |
| **Packaging dimensions** | 10.2 x 2.8 x 1.8 in \| 260 x 73 x 46 mm |
| **Materials** | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

An unostentatious feature in the space. This is how the new Black Foster Surface Remote version reveals its compact and essential lighting fixture. The combination also the use of a remote driver enables minimising its profile to the extent necessary to integrate its invisible light optical system.

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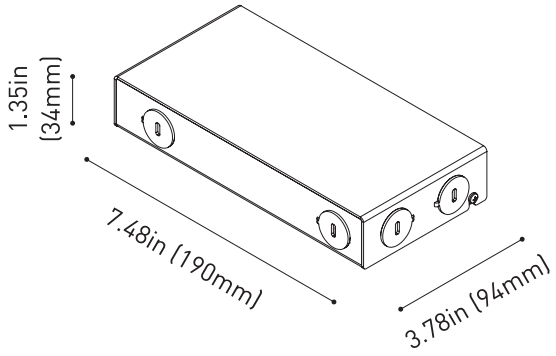


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# Mounting Accessory / Driver

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## Mandatory / Not Included




| | PRODUCT |
|---|---|
| Model | REMOTE BOX 5.6-33W 700mA |
| Driver | Included |
| Reference | U100003602 |
| IC Rated | Yes |
| Dimming | 0-10V |
| Size | 7.48 x 3.78 x 1.35 in \| 190 x 94 x 34 mm |
| Weight | 1.8 lb \| 820 gr |
| Packaged weight | 1.93 lb \| 875 gr |
| Packaging dimensions | 9.53 x 4.13 x 1.54 in \| 242 x 105 x 39 mm |
| Nº Luminaires | 1 to 4 |
| LED - Driver Distance | Maximum suggested distance is 16 feet |

| | INPUT CHARACTERISTICS |
|---|---|
| Input Voltage | 120-277 V |
| Frequency | 50/60 Hz |

| | OUTPUT CHARACTERISTICS |
|---|---|
| Output Voltage | 8 - 47 V |
| Output Current | 700 mA |
| Output Power | 5.6 - 33 W |

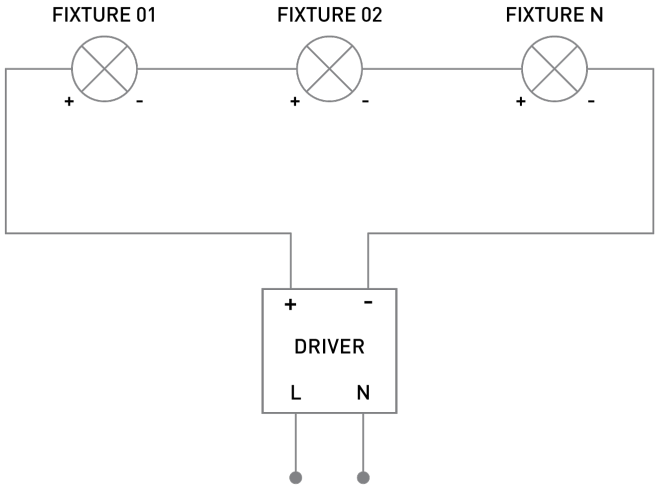
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# Wiring Diagram

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SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER
RESPECT THE DISTANCE LED - DRIVER

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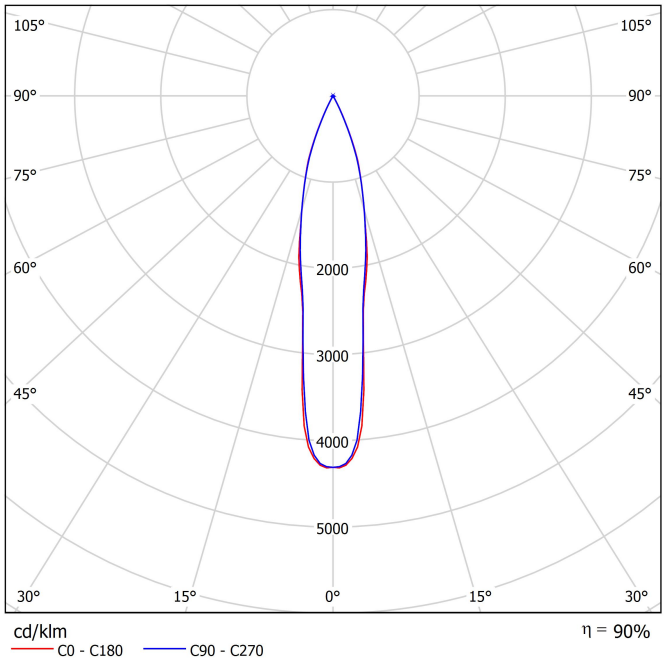


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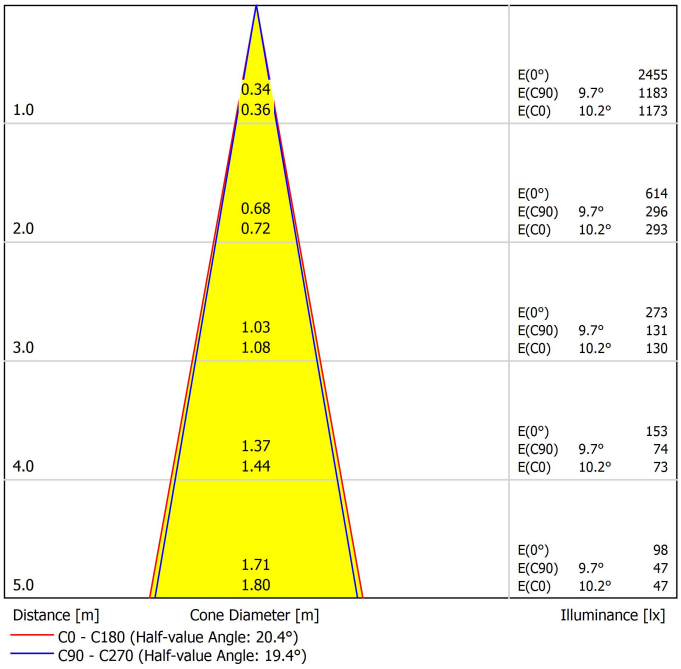
# Lighting Technical Data

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## 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 | 5.1 | 5.8 | 5.3 | 6.0 | 6.2 | 5.2 | 5.9 | 5.5 | 6.1 | 6.3 |
| | 3H | 8.6 | 9.3 | 8.9 | 9.5 | 9.7 | 8.7 | 9.4 | 9.0 | 9.6 | 9.8 |
| | 4H | 10.5 | 11.1 | 10.8 | 11.4 | 11.6 | 10.7 | 11.3 | 11.0 | 11.5 | 11.8 |
| | 6H | 12.6 | 13.2 | 13.0 | 13.5 | 13.7 | 12.7 | 13.2 | 13.0 | 13.5 | 13.8 |
| | 8H | 13.9 | 14.4 | 14.2 | 14.7 | 15.0 | 14.0 | 14.5 | 14.3 | 14.8 | 15.1 |
| | 12H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 15.4 | 15.9 | 15.7 | 16.2 | 16.5 |
| 4H | 2H | 6.1 | 6.7 | 6.4 | 7.0 | 7.2 | 6.2 | 6.8 | 6.5 | 7.1 | 7.3 |
| | 3H | 9.9 | 10.4 | 10.3 | 10.7 | 11.1 | 10.0 | 10.5 | 10.4 | 10.8 | 11.1 |
| | 4H | 12.0 | 12.4 | 12.4 | 12.8 | 13.1 | 12.2 | 12.6 | 12.5 | 12.9 | 13.3 |
| | 6H | 14.3 | 14.6 | 14.7 | 15.0 | 15.4 | 14.3 | 14.7 | 14.7 | 15.1 | 15.4 |
| | 8H | 15.6 | 15.9 | 16.0 | 16.3 | 16.7 | 15.7 | 16.1 | 16.1 | 16.4 | 16.8 |
| | 12H | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 | 17.2 | 17.5 | 17.6 | 17.9 | 18.3 |
| 8H | 4H | 12.8 | 13.2 | 13.2 | 13.5 | 13.9 | 13.0 | 13.3 | 13.4 | 13.7 | 14.1 |
| | 6H | 15.4 | 15.6 | 15.8 | 16.0 | 16.5 | 15.4 | 15.7 | 15.9 | 16.1 | 16.5 |
| | 8H | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 |
| | 12H | 18.5 | 18.7 | 19.0 | 19.2 | 19.7 | 18.7 | 18.8 | 19.1 | 19.3 | 19.8 |
| 12H | 4H | 13.1 | 13.4 | 13.5 | 13.8 | 14.2 | 13.2 | 13.5 | 13.6 | 13.9 | 14.3 |
| | 6H | 15.7 | 15.9 | 16.2 | 16.4 | 16.8 | 15.8 | 16.0 | 16.2 | 16.4 | 16.9 |
| | 8H | 17.3 | 17.5 | 17.8 | 18.0 | 18.4 | 17.4 | 17.6 | 17.9 | 18.0 | 18.5 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +0.2 / -0.2 | +0.2 / -0.2 |
| S = 1.5H | +0.3 / -0.3 | +0.3 / -0.3 |
| S = 2.0H | +0.5 / -0.6 | +0.5 / -0.6 |
| Standard table | --- | --- |
| Correction Summand | --- | --- |

Corrected Glare Indices referring to 570lm Total Luminous Flux


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