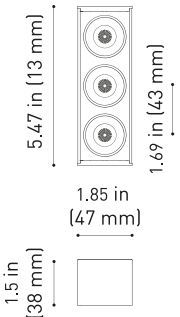
# Black Foster Surface Remote

ARKOSLIGHT



## Dimensions




| | |
|---|---|
| | **PRODUCT** |
| **Name** | BLACK FOSTER SURFACE REMOTE 3 UL FLOOD 4000K NT |
| **Reference** | U4803002NT |
| **Color** | Textured black |
| **RAL** | 9005 |
| **Category** | SURFACE |

| | |
|---|---|
| | **MOUNTING ACCESSORY / DRIVER** |
| **Mounting Accessory / Driver** | Mandatory, not included. See Mounting acc. Page |
| **Model** | REMOTE BOX 1.4-17W 700mA |
| **Reference** | U100003601 |

| | |
|---|---|
| | **LIGHT SOURCE** |
| **Type** | LED |
| **Gross luminous flux** | 750 Lm |
| **Color temperature** | 4000 K |
| **Chromatic stability** | MacAdam Step 3 |
| **Color Rendering Index** | CRI>90 |
| **Power** | 6.3 W |
| **Current** | 700 mA |
| **Efficacy** | 119 Lm/W |
| **LED lifespan** | L90B10>102.000h |

| | |
|---|---|
| | **LIGHTING FIXTURE \| PHOTOMETRIC DATA** |
| **Lighting efficiency** | 92% |
| **Delivered luminous flux** | 690 Lm |
| **Light beam angle** | 38° |

| | |
|---|---|
| | **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 ho[illegible] new Black Foster Surface Remote version reveals its compact and essential lighting fixture. The comp[illegible]so the use of a remote driver enables minimising its profile to the extent necessary to integrate its invis[illegible]t optical system.

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

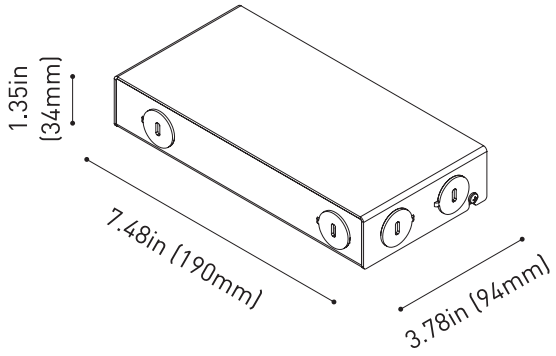


5 Year GUARANTEE

# Mounting Accessory / Driver

ARKOSLIGHT

## Mandatory / Not Included




| | PRODUCT |
|---|---|
| Model | REMOTE BOX 1.4-17W 700mA |
| Driver | Included |
| Reference | U100003601 |
| IC Rated | Yes |
| Dimming | 0-10V |
| Size | 7.48 x 3.78 x 1.35 in \| 190 x 94 x 34 mm |
| Weight | 1.9 lb \| 860 gr |
| Packaged weight | 2.02 lb \| 865 gr |
| Packaging dimensions | 9.53 x 4.13 x 1.54 in \| 242 x 105 x 39 mm |
| Nº Luminaires | 1 to 2 |
| LED - Driver Distance | 20AWG - 46ft<br>19AWG - 59ft<br>18AWG - 72ft<br>17AWG - 92ft<br>16AWG - 118ft |

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

| | OUTPUT CHARACTERISTICS |
|---|---|
| Output Voltage | 2 - 24 V |
| Output Current | 700 mA |
| Output Power | 1.4 - 17 W |

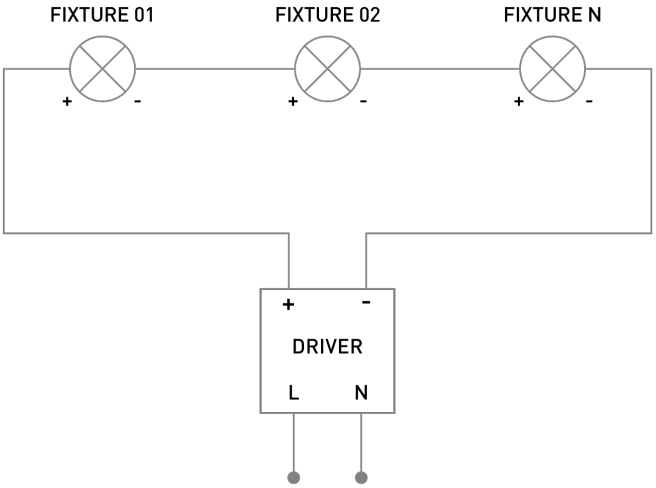
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com



5 Year GUARANTEE

# Wiring Diagram

ARKOSLIGHT




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

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

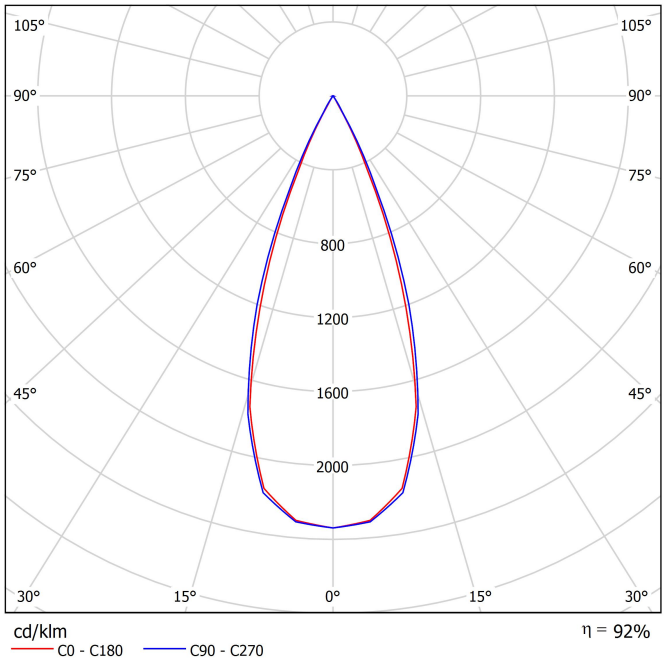


5Year GUARANTEE

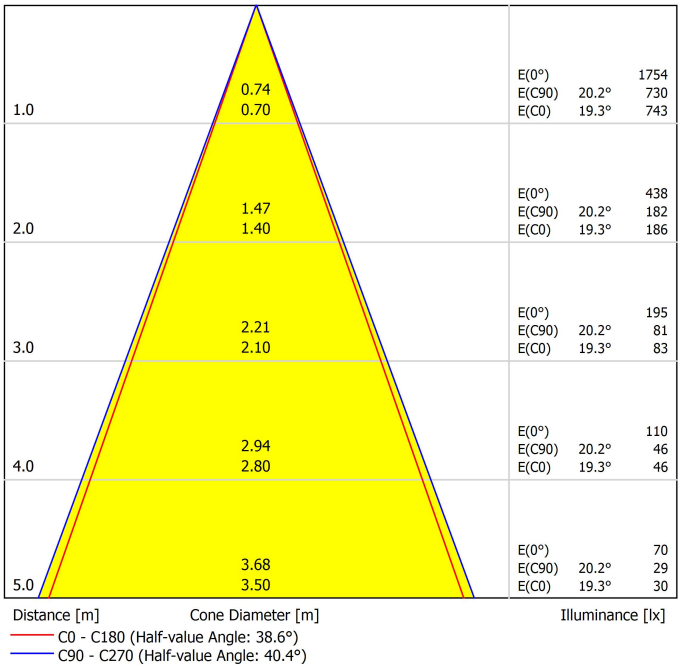
# Lighting Technical Data

ARKOSLIGHT

## 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 | -10.7 | -10.1 | -10.5 | -9.9 | -9.7 | -10.8 | -10.2 | -10.6 | -10.0 | -9.8 |
| | 3H | -5.8 | -5.2 | -5.5 | -5.0 | -4.7 | -4.9 | -4.3 | -4.6 | -4.0 | -3.8 |
| | 4H | -2.8 | -2.2 | -2.5 | -2.0 | -1.7 | -1.5 | -1.0 | -1.2 | -0.7 | -0.5 |
| | 6H | 0.7 | 1.2 | 1.0 | 1.4 | 1.7 | 2.1 | 2.6 | 2.4 | 2.9 | 3.1 |
| | 8H | 2.4 | 2.9 | 2.8 | 3.2 | 3.5 | 3.9 | 4.4 | 4.2 | 4.7 | 5.0 |
| | 12H | 4.3 | 4.8 | 4.7 | 5.1 | 5.4 | 5.8 | 6.3 | 6.2 | 6.6 | 6.9 |
| 4H | 2H | -9.1 | -8.5 | -8.8 | -8.3 | -8.0 | -9.1 | -8.6 | -8.8 | -8.3 | -8.1 |
| | 3H | -4.0 | -3.5 | -3.7 | -3.2 | -2.9 | -3.3 | -2.8 | -2.9 | -2.5 | -2.2 |
| | 4H | -1.0 | -0.6 | -0.6 | -0.2 | 0.1 | 0.1 | 0.5 | 0.4 | 0.8 | 1.1 |
| | 6H | 2.5 | 2.8 | 2.9 | 3.2 | 3.6 | 3.8 | 4.1 | 4.2 | 4.4 | 4.8 |
| | 8H | 4.4 | 4.6 | 4.8 | 5.0 | 5.4 | 5.7 | 6.0 | 6.1 | 6.3 | 6.7 |
| | 12H | 6.4 | 6.6 | 6.8 | 7.0 | 7.4 | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 |
| 8H | 4H | 0.3 | 0.6 | 0.7 | 1.0 | 1.4 | 1.0 | 1.3 | 1.4 | 1.7 | 2.1 |
| | 6H | 3.9 | 4.1 | 4.4 | 4.6 | 5.0 | 4.9 | 5.1 | 5.3 | 5.5 | 6.0 |
| | 8H | 5.9 | 6.1 | 6.4 | 6.5 | 7.0 | 7.0 | 7.1 | 7.4 | 7.6 | 8.1 |
| | 12H | 8.1 | 8.2 | 8.5 | 8.7 | 9.2 | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 |
| 12H | 4H | 0.8 | 1.1 | 1.3 | 1.5 | 1.9 | 1.4 | 1.6 | 1.8 | 2.0 | 2.5 |
| | 6H | 4.5 | 4.6 | 4.9 | 5.1 | 5.6 | 5.3 | 5.5 | 5.8 | 5.9 | 6.4 |
| | 8H | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 | 7.4 | 7.6 | 7.9 | 8.1 | 8.5 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +0.7 / -0.3 | +1.3 / -0.4 |
| S = 1.5H | +1.4 / -0.5 | +2.7 / -0.7 |
| S = 2.0H | +2.4 / -0.8 | +4.2 / -1.0 |
| Standard table | --- | --- |
| Correction Summand | --- | --- |

Corrected Glare Indices referring to 750lm Total Luminous Flux


Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com




5 Year GUARANTEE