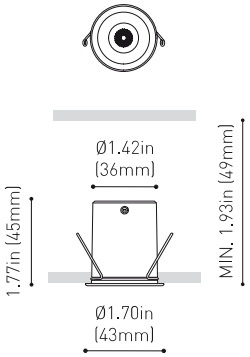
# Shot Light

ARKOSLIGHT



## Dimensions




| | |
|---|---|
| **PRODUCT** | |
| **Name** | SHOT LIGHT UL 19º 3000K NMG |
| **Reference** | U2681111NMG |
| **Color** | Black-Metallized gold |
| **RAL** | Paint of metallic nanoparticles |
| **Category** | CEILING RECESSED |
| **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** | 210 Lm |
| **Color temperature** | 3000 K |
| **Chromatic stability** | MacAdam Step 3 |
| **Color Rendering Index** | CRI>90 |
| **Power** | 2.1 W |
| **Current** | 700 mA |
| **Efficacy** | 100 Lm/W |
| **LED lifespan** | L90B10>102.000h |
| **LIGHTING FIXTURE \| PHOTOMETRIC DATA** | |
| **Lighting efficiency** | 90% |
| **Delivered luminous flux** | 189 Lm |
| **Light beam angle** | 19º |
| **LIGHTING FIXTURE \| ELECTRICAL DATA** | |
| **Power values of the system** | 2.9 W |
| **Voltage** | 120-277 V |
| **Frequency** | 50/60 Hz |
| **Dimming** | 0-10V |
| **OTHER DATA** | |
| **IC Rated** | Yes |
| **Environmental location** | DAMP |

## Awards

ICDO NIC AWA ROS 7 INTERIOR INNOVATION winner

DESIGN AWARD 2017

Delta Selection Adi Awards 2018

A luminaire conceived to be a small and discreet point of light in the ceiling, that hides the light source to offer maximum visual comfort. Specifically designed with an anti-glare screen and a micro-reflector, SHOT LIGHT generates a perfectly defined light beam.

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



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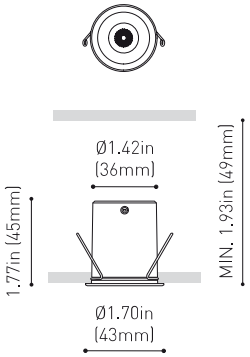
# Shot Light

ARKOSLIGHT



| | OTHER DATA |
|---|---|
| Recess measurements | Ø1.50 in \| Ø38 mm |
| Weight | 0.16 lb \| 71 gr |
| Packaged weight | 0.21 lb \| 96 gr |
| Packaging dimensions | 3.03 x 2.75 x 2.08 in \| 77 x 70 x 53 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## Dimensions




## Awards

A luminaire conceived to be a small and discreet point of light in the ceiling, that hides the light source to offer maximum visual comfort. Specifically designed with an anti-glare screen and a micro-reflector, SHOT LIGHT generates a perfectly defined light beam.

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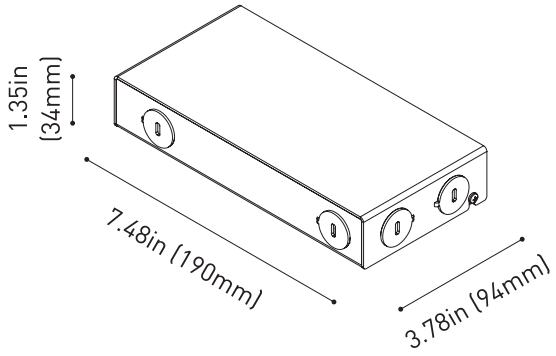


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# Mounting Accessory / Driver

ARKOSLIGHT

## 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 | 3 to 12 |
| 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 |

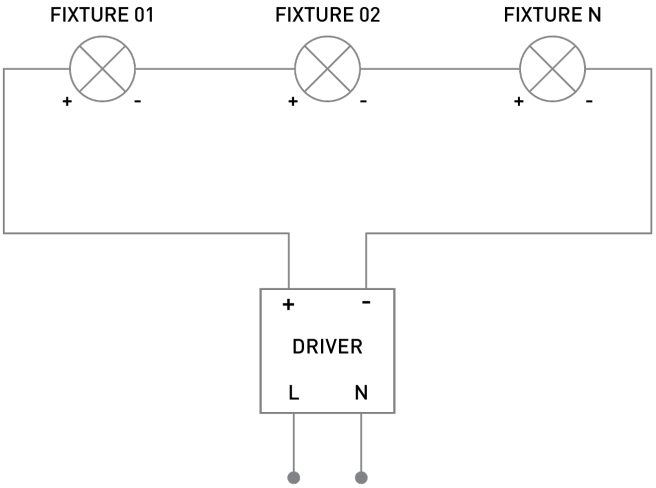
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# Wiring Diagram

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

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info@arkoslight.com - www.arkoslight.com

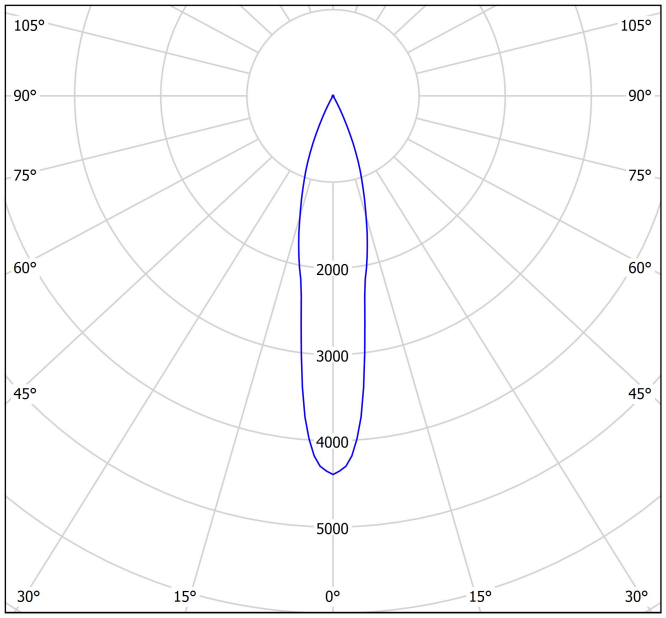


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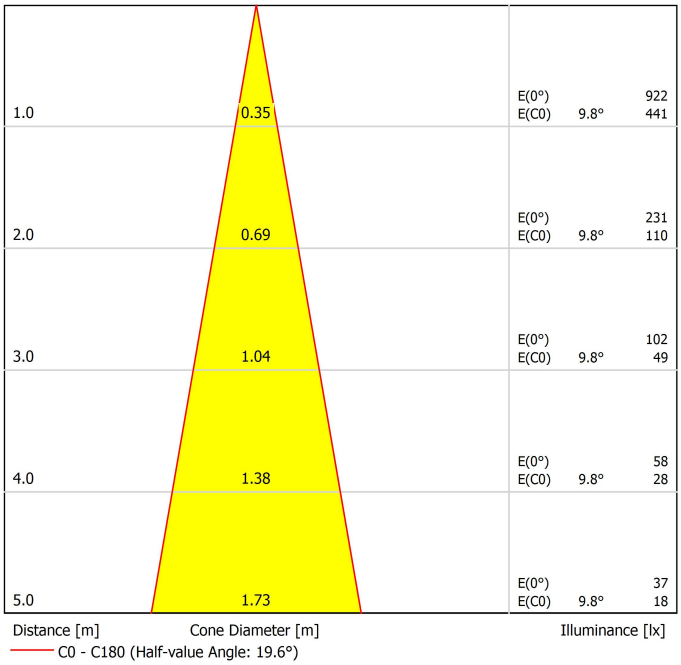
# Lighting Technical Data

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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 | -3.1 | -2.5 | -2.9 | -2.3 | -2.1 | -3.1 | -2.5 | -2.9 | -2.3 | -2.1 |
| | 3H | 0.8 | 1.4 | 1.1 | 1.6 | 1.8 | 0.8 | 1.4 | 1.1 | 1.6 | 1.8 |
| | 4H | 3.2 | 3.8 | 3.5 | 4.0 | 4.3 | 3.2 | 3.8 | 3.5 | 4.0 | 4.3 |
| | 6H | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 |
| | 8H | 6.2 | 6.7 | 6.5 | 6.9 | 7.2 | 6.2 | 6.7 | 6.5 | 6.9 | 7.2 |
| | 12H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 |
| 4H | 2H | -1.5 | -0.9 | -1.2 | -0.7 | -0.4 | -1.5 | -0.9 | -1.2 | -0.7 | -0.4 |
| | 3H | 2.3 | 2.7 | 2.6 | 3.0 | 3.4 | 2.3 | 2.7 | 2.6 | 3.0 | 3.4 |
| | 4H | 4.7 | 5.1 | 5.1 | 5.4 | 5.8 | 4.7 | 5.1 | 5.1 | 5.4 | 5.8 |
| | 6H | 6.6 | 6.9 | 7.0 | 7.3 | 7.7 | 6.6 | 6.9 | 7.0 | 7.3 | 7.7 |
| | 8H | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 |
| | 12H | 9.4 | 9.7 | 9.8 | 10.0 | 10.5 | 9.4 | 9.7 | 9.8 | 10.0 | 10.5 |
| 8H | 4H | 5.4 | 5.7 | 5.9 | 6.1 | 6.5 | 5.4 | 5.7 | 5.9 | 6.1 | 6.5 |
| | 6H | 7.6 | 7.9 | 8.1 | 8.3 | 8.7 | 7.6 | 7.9 | 8.1 | 8.3 | 8.7 |
| | 8H | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 |
| | 12H | 10.9 | 11.0 | 11.4 | 11.5 | 12.0 | 10.9 | 11.0 | 11.4 | 11.5 | 12.0 |
| 12H | 4H | 5.6 | 5.9 | 6.1 | 6.3 | 6.7 | 5.6 | 5.9 | 6.1 | 6.3 | 6.7 |
| | 6H | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 |
| | 8H | 9.7 | 9.9 | 10.2 | 10.3 | 10.8 | 9.7 | 9.9 | 10.2 | 10.3 | 10.8 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +0.1 / -0.2 | +0.1 / -0.2 |
| S = 1.5H | +0.3 / -0.3 | +0.3 / -0.3 |
| S = 2.0H | +0.6 / -0.5 | +0.6 / -0.5 |
| Standard table | --- | --- |
| Correction Summand | --- | --- |

Corrected Glare Indices referring to 210lm Total Luminous Flux


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