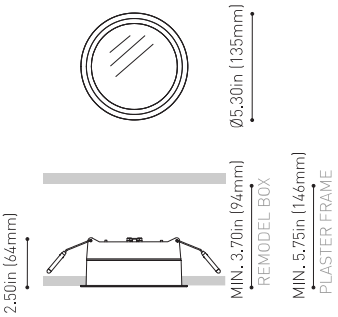
# Deep

ARKOSLIGHT



## Dimensions




| | PRODUCT |
|---|---|
| Name | DEEP MINI UL 3000K WT |
| Reference | U2500111WT |
| Color | Textured white |
| RAL | 9016 |
| Category | CEILING RECESSED |

| | MOUNTING ACCESSORY / DRIVER |
|---|---|
| Mounting Accessory / Driver | Mandatory, not included. See Mounting acc. Page |
| Model | REMODEL BOX 9.5-16.8W 700mA 120-277V |
| Reference | U1000050 |

| | LIGHT SOURCE |
|---|---|
| Type | LED |
| Gross luminous flux | 1375 Lm |
| Color temperature | 3000 K |
| Chromatic stability | MacAdam Step 2 |
| Color Rendering Index | CRI>90 |
| Power | 10 W |
| Current | 700 mA |
| Efficacy | 138 Lm/W |
| LED lifespan | L80B10>60.000h |

| | LIGHTING FIXTURE \| PHOTOMETRIC DATA |
|---|---|
| Lighting efficiency | 76% |
| Delivered luminous flux | 1045 Lm |
| Light beam angle | 89° |

| | LIGHTING FIXTURE \| ELECTRICAL DATA |
|---|---|
| Power values of the system | 13 W |
| Voltage | 120-277 V |
| Frequency | 50/60 Hz |
| Dimming | 0-10V / TRIAC dimming only at 120Vac. |

| | OTHER DATA |
|---|---|
| IC Rated | Yes |
| Environmental location | DAMP |

DEEP is an LED downlight for general lighting functions designed with a recessed diffuser which considerably reduces ceiling brightness.

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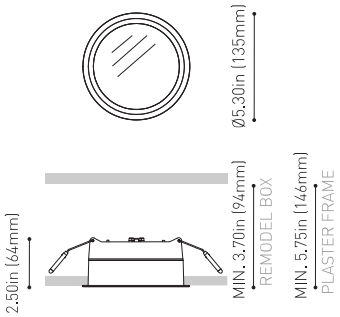
# Deep

ARKOSLIGHT



| | OTHER DATA |
|---|---|
| **Recess measurements** | Ø4.80 in \| Ø122 mm |
| **Weight** | 0.66 lb \| 300 gr |
| **Packaged weight** | 0.88 lb \| 400 gr |
| **Packaging dimensions** | 8.07 x 6.06 x 3.58 in \| 205 x 154 x 91 mm |
| **Materials** | Aluminium - Polymethyl Methacrylate |

## Dimensions




DEEP is an LED downlight for general lighting functions designed with a recessed diffuser which considerably reduces ceiling brightness.

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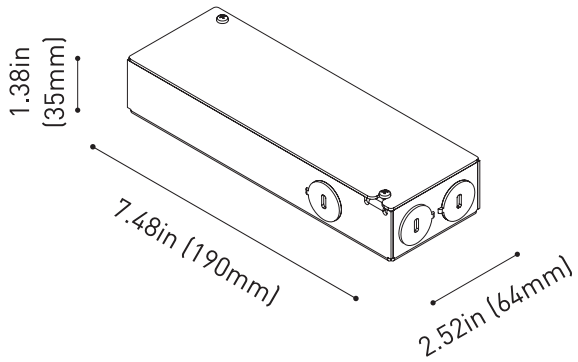


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# Mounting Accessory / Driver

ARKOSLIGHT

## Mandatory / Not Included




| | PRODUCT |
|---|---|
| Model | REMODEL BOX 9.5-16.8W 700mA 120-277V |
| Driver | Included: APS L9WCD series or similar |
| Reference | U1000050 |
| IC Rated | Yes |
| Dimming | 0-10V / TRIAC dimming only at 120Vac. |
| Fast connect | Yes |
| Size | 7.48 x 2.52 x 1.38 in \| 190 x 64 x 35 mm |
| Weight | 1.5 lb \| 680 gr |
| Packaged weight | 1.62 lb \| 735 gr |
| Packaging dimensions | 11.26 x 2.91 x 1.77 in \| 286 x 74 x 45 mm |
| Nº Luminaires | 1 |

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

| | OUTPUT CHARACTERISTICS |
|---|---|
| Output Voltage | 13 - 24 V |
| Output Current | 700 mA |
| Output Power | 9.5 - 16.8 W |

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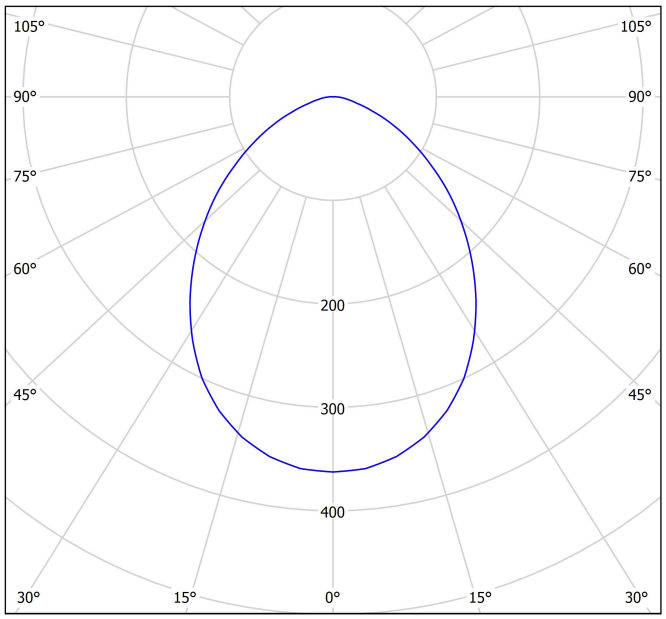


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# Lighting Technical Data

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## Polar diagram

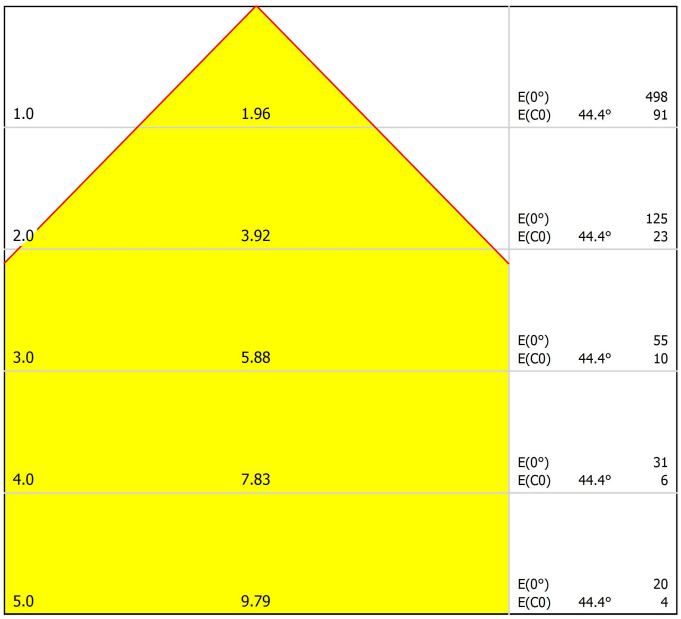



cd/klm

η = 76%

C0 - C180 C90 - C270

## Conical diagram




Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 88.8°)

## 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 | 22.6 | 23.8 | 22.9 | 24.0 | 24.2 | 22.6 | 23.8 | 22.9 | 24.0 | 24.2 |
| | 3H | 23.7 | 24.7 | 24.0 | 25.0 | 25.2 | 23.7 | 24.7 | 24.0 | 25.0 | 25.2 |
| | 4H | 23.9 | 24.9 | 24.3 | 25.2 | 25.5 | 23.9 | 24.9 | 24.3 | 25.2 | 25.5 |
| | 6H | 24.1 | 25.1 | 24.5 | 25.3 | 25.7 | 24.1 | 25.1 | 24.5 | 25.3 | 25.7 |
| | 8H | 24.2 | 25.1 | 24.6 | 25.4 | 25.7 | 24.2 | 25.1 | 24.6 | 25.4 | 25.7 |
| | 12H | 24.3 | 25.1 | 24.6 | 25.4 | 25.8 | 24.3 | 25.1 | 24.6 | 25.4 | 25.8 |
| 4H | 2H | 23.0 | 24.0 | 23.3 | 24.2 | 24.5 | 23.0 | 24.0 | 23.3 | 24.2 | 24.5 |
| | 3H | 24.2 | 25.0 | 24.6 | 25.4 | 25.7 | 24.2 | 25.0 | 24.6 | 25.4 | 25.7 |
| | 4H | 24.6 | 25.3 | 25.0 | 25.7 | 26.0 | 24.6 | 25.3 | 25.0 | 25.7 | 26.0 |
| | 6H | 24.9 | 25.5 | 25.3 | 25.9 | 26.3 | 24.9 | 25.5 | 25.3 | 25.9 | 26.3 |
| | 8H | 25.0 | 25.6 | 25.4 | 26.0 | 26.4 | 25.0 | 25.6 | 25.4 | 26.0 | 26.4 |
| | 12H | 25.1 | 25.6 | 25.6 | 26.0 | 26.5 | 25.1 | 25.6 | 25.6 | 26.0 | 26.5 |
| 8H | 4H | 24.7 | 25.3 | 25.1 | 25.7 | 26.1 | 24.7 | 25.3 | 25.1 | 25.7 | 26.1 |
| | 6H | 25.1 | 25.6 | 25.5 | 26.0 | 26.4 | 25.1 | 25.6 | 25.5 | 26.0 | 26.4 |
| | 8H | 25.3 | 25.7 | 25.8 | 26.1 | 26.6 | 25.3 | 25.7 | 25.8 | 26.1 | 26.6 |
| | 12H | 25.5 | 25.8 | 26.0 | 26.3 | 26.8 | 25.5 | 25.8 | 26.0 | 26.3 | 26.8 |
| 12H | 4H | 24.7 | 25.2 | 25.1 | 25.6 | 26.1 | 24.7 | 25.2 | 25.1 | 25.6 | 26.1 |
| | 6H | 25.1 | 25.5 | 25.6 | 26.0 | 26.5 | 25.1 | 25.5 | 25.6 | 26.0 | 26.5 |
| | 8H | 25.3 | 25.7 | 25.8 | 26.2 | 26.7 | 25.3 | 25.7 | 25.8 | 26.2 | 26.7 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H<br>S = 1.5H<br>S = 2.0H | +0.2 / -0.3<br>+0.4 / -0.8<br>+1.0 / -1.5 | +0.2 / -0.3<br>+0.4 / -0.8<br>+1.0 / -1.5 |
| Standard table | BK03 | BK03 |
| Correction Summand | 5.8 | 5.8 |

Corrected Glare Indices referring to 1375lm Total Luminous Flux


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