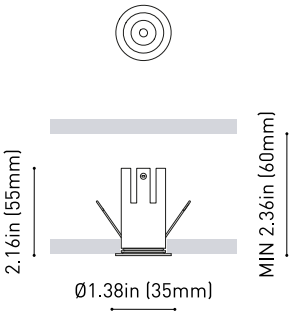
# Nano

ARKOSLIGHT



## Dimensions




| | |
|---|---|
| | **PRODUCT** |
| **Name** | NANO RECESSED UL FLOOD 3500K W |
| **Reference** | U5390013W |
| **Color** | White |
| **RAL** | Color in the mass looks alike RAL 9016 |
| **Category** | CEILING RECESSED |

| | |
|---|---|
| | **MOUNTING ACCESSORY / DRIVER** |
| **Mounting Accessory / Driver** | Mandatory, not included. See Mounting acc. Page |
| **Model** | REMOTE BOX 1–3.6W 100mA |
| **Reference** | U1000130 |

| | |
|---|---|
| | **LIGHT SOURCE** |
| **Type** | LED |
| **Gross luminous flux** | 310 Lm |
| **Color temperature** | 3500 K |
| **Chromatic stability** | MacAdam Step 2 |
| **Color Rendering Index** | CRI>90 |
| **Power** | 2 W |
| **Current** | 100 mA |
| **Efficacy** | 155 Lm/W |
| **LED lifespan** | L80B10>55.000h |

| | |
|---|---|
| | **LIGHTING FIXTURE \| PHOTOMETRIC DATA** |
| **Lighting efficiency** | 84% |
| **Delivered luminous flux** | 260 Lm |
| **Light beam angle** | 34° |

| | |
|---|---|
| | **LIGHTING FIXTURE \| ELECTRICAL DATA** |
| **Power values of the system** | 3.3 W |
| **Voltage** | 120-277 V |
| **Frequency** | 50/60 Hz |
| **Dimming** | 0-10V / TRIAC/ELV |

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

Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials.

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5 Year GUARANTEE

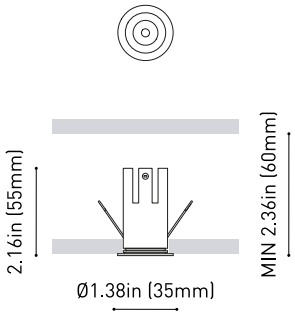
# Nano

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| | OTHER DATA |
|---|---|
| **Recess measurements** | Ø1.18 in \| Ø30 mm |
| **Weight** | 0.110 lb \| 50 gr |
| **Packaged weight** | 0.179 lb \| 81 gr |
| **Packaging dimensions** | 3.15 x 2.68 x 3.54 in \| 80 x 68 x 90 mm |
| **Materials** | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## Dimensions




Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials.

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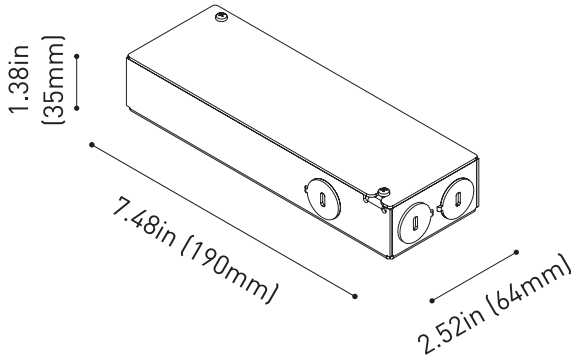


5 Year GUARANTEE

# Mounting Accessory / Driver

ARKOSLIGHT

## Mandatory / Not Included




| | PRODUCT |
|---|---|
| Model | REMOTE BOX 1–3.6W 100mA |
| Driver | Included |
| Reference | U1000130 |
| IC Rated | Yes |
| Dimming | 0-10V / TRIAC/ELV |
| Size | 7.48 x 2.52 x 1.38 in \| 190 x 64 x 35 mm |
| Weight | 1.21 lb \| 550 gr |
| Packaged weight | 1.46 lb \| 665 gr |
| Packaging dimensions | 11.26 x 2.91 x 1.77 in \| 286 x 74 x 45 mm |
| Nº Luminaires | 1 |
| LED - Driver Distance | Maximum suggested distance is 24 feet |

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

| | OUTPUT CHARACTERISTICS |
|---|---|
| Output Voltage | 10 - 40 V |
| Output Current | 100 mA |
| Output Power | 1 - 3.6 W |

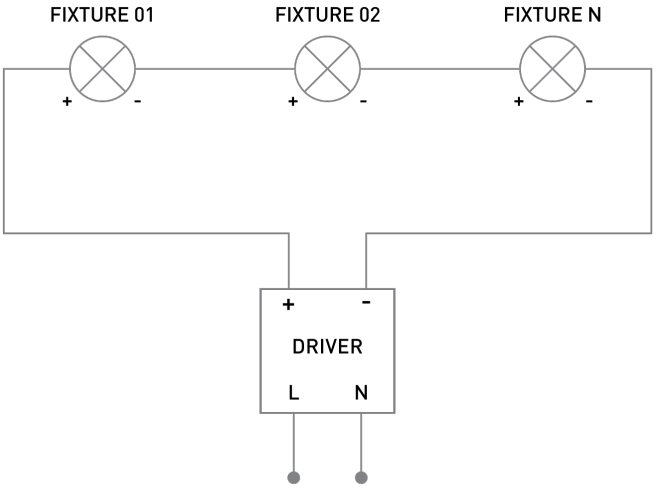
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5 Year GUARANTEE

# 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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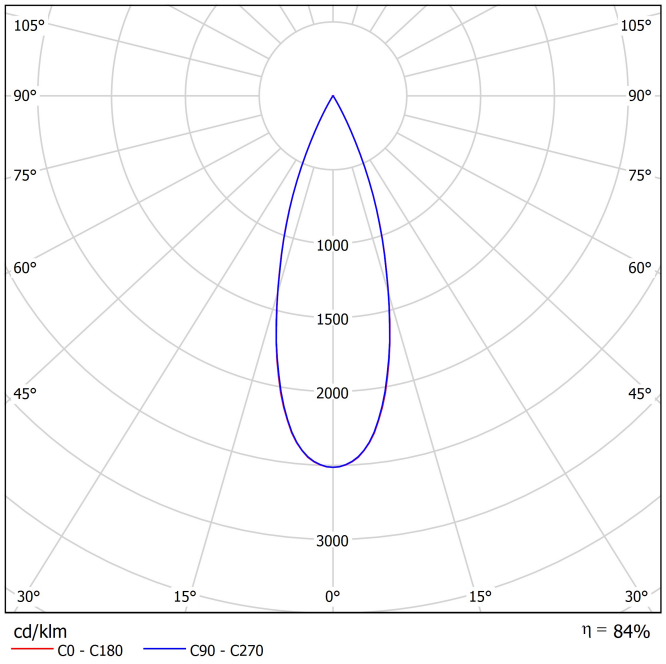


5Year GUARANTEE

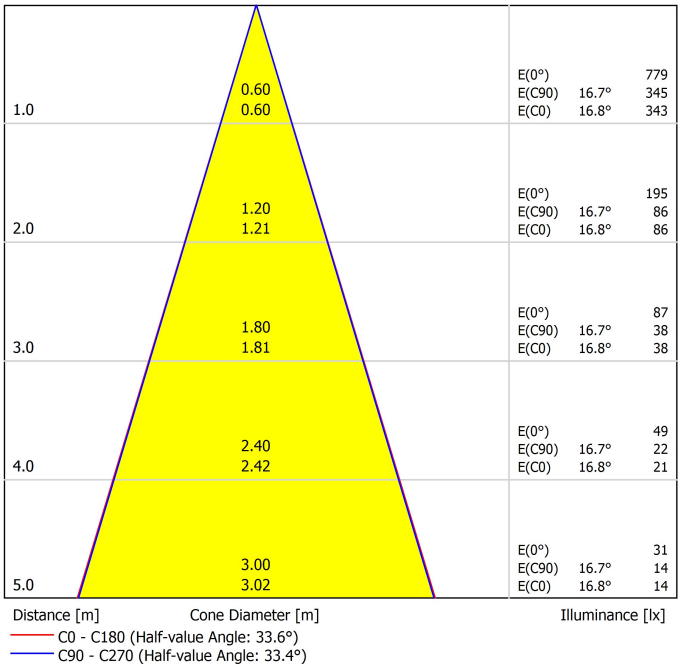
# Lighting Technical Data

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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 | -1.5 | -0.8 | -1.2 | -0.7 | -0.5 | -1.5 | -0.9 | -1.3 | -0.7 | -0.5 |
| | 3H | 0.7 | 1.2 | 0.9 | 1.5 | 1.7 | 0.8 | 1.3 | 1.0 | 1.6 | 1.8 |
| | 4H | 1.9 | 2.4 | 2.2 | 2.7 | 2.9 | 1.9 | 2.5 | 2.2 | 2.7 | 3.0 |
| | 6H | 3.1 | 3.6 | 3.4 | 3.9 | 4.2 | 3.2 | 3.7 | 3.5 | 3.9 | 4.2 |
| | 8H | 3.6 | 4.1 | 4.0 | 4.4 | 4.7 | 3.7 | 4.2 | 4.1 | 4.5 | 4.8 |
| | 12H | 4.4 | 4.8 | 4.7 | 5.1 | 5.4 | 4.4 | 4.9 | 4.8 | 5.2 | 5.5 |
| 4H | 2H | -0.8 | -0.3 | -0.5 | -0.0 | 0.3 | -0.8 | -0.3 | -0.5 | -0.0 | 0.2 |
| | 3H | 1.6 | 2.1 | 1.9 | 2.4 | 2.7 | 1.7 | 2.1 | 2.0 | 2.4 | 2.7 |
| | 4H | 3.1 | 3.5 | 3.5 | 3.8 | 4.1 | 3.1 | 3.5 | 3.4 | 3.8 | 4.1 |
| | 6H | 4.5 | 4.8 | 4.9 | 5.2 | 5.6 | 4.5 | 4.8 | 4.9 | 5.2 | 5.6 |
| | 8H | 5.1 | 5.4 | 5.6 | 5.8 | 6.2 | 5.2 | 5.5 | 5.6 | 5.9 | 6.3 |
| | 12H | 6.0 | 6.2 | 6.4 | 6.6 | 7.0 | 6.0 | 6.3 | 6.5 | 6.7 | 7.1 |
| 8H | 4H | 3.6 | 3.9 | 4.0 | 4.3 | 4.7 | 3.6 | 3.9 | 4.0 | 4.3 | 4.7 |
| | 6H | 5.3 | 5.5 | 5.7 | 5.9 | 6.3 | 5.2 | 5.4 | 5.7 | 5.9 | 6.3 |
| | 8H | 6.0 | 6.2 | 6.5 | 6.7 | 7.1 | 6.1 | 6.3 | 6.6 | 6.7 | 7.2 |
| | 12H | 7.1 | 7.2 | 7.6 | 7.7 | 8.2 | 7.1 | 7.3 | 7.6 | 7.7 | 8.2 |
| 12H | 4H | 3.7 | 3.9 | 4.1 | 4.3 | 4.8 | 3.7 | 3.9 | 4.1 | 4.3 | 4.8 |
| | 6H | 5.5 | 5.6 | 5.9 | 6.1 | 6.5 | 5.4 | 5.6 | 5.9 | 6.0 | 6.5 |
| | 8H | 6.3 | 6.5 | 6.8 | 6.9 | 7.4 | 6.4 | 6.5 | 6.9 | 7.0 | 7.5 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +2.7 / -0.9 | +2.4 / -0.7 |
| S = 1.5H | +4.8 / -1.2 | +4.4 / -1.0 |
| S = 2.0H | +6.6 / -1.6 | +6.1 / -1.3 |
| Standard table | BK05 | --- |
| Correction Summand | -7.1 | --- |

Corrected Glare Indices referring to 310lm Total Luminous Flux