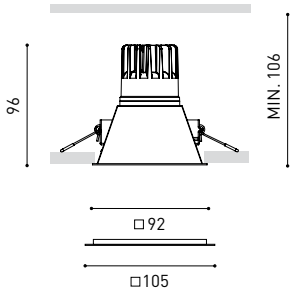
## DIMENSIONS




## ACCESSORIES

SWAP IP54 ACCESSORY

SWAP ADD-ON BEZEL

## AWARDS

reddot design award
winner 2015

GERMAN DESIGN AWARD NOMINEE 2016

| | PRODUCT |
|---|---|
| Name | SWAP SQUARE 5W 3000K W |
| Reference | A2543111W |
| Color | Matt white |
| Category | CEILING RECESSED |

| | LIGHTING INFORMATION |
|---|---|
| Light source | LED |
| Gross luminous flux | 700 Lm |
| Power | 5 W |
| Power values of the system | 6,67 W |
| Colour temperature | 3000 K |
| Colour Rendering Index | CRI>90 |
| Chromatic stability | Mac Adam Step 2 |
| Light beam angle | 44° |
| Unified Glare Rating | UGR<19 |
| Lighting efficiency | 90% |
| Efficacy | 140 Lm/W |
| Current intensity | 150 mA |
| Dimming | No Dim - Other DIM, please consult |
| Driver | Incl. - Fast Connect |
| Fast connection of the driver to the mains supply | Please Consult |
| Emergency power supply | Please Consult |
| Electrical insulation class | □ |
| Voltage | 220 V/240 V |
| Frequency | 50/60 Hz |
| Energy efficiency | A++ |
| LED lifespan | L80B10 (Tj=85°C) >60.000h |

| | OTHER DATA |
|---|---|
| Ingress Protection | IP20 |
| Recess measurements | 85 × 85 mm. |
| Weight | 250 g. |
| Packaged weight | 297 g. |
| Units per package | 20 |
| Materials | Aluminium / Polycarbonate |

CE EN 01

Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates an attractive effect, a discrete circle of light. It includes an add-on bezel that can be used optionally to cover larger recess diameters.

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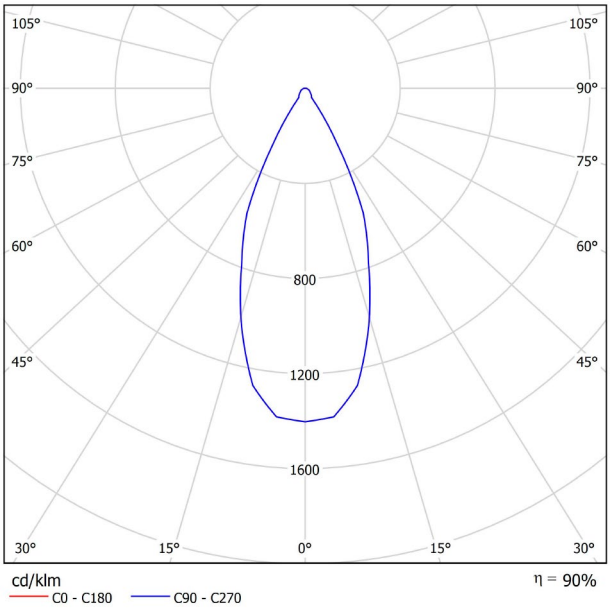
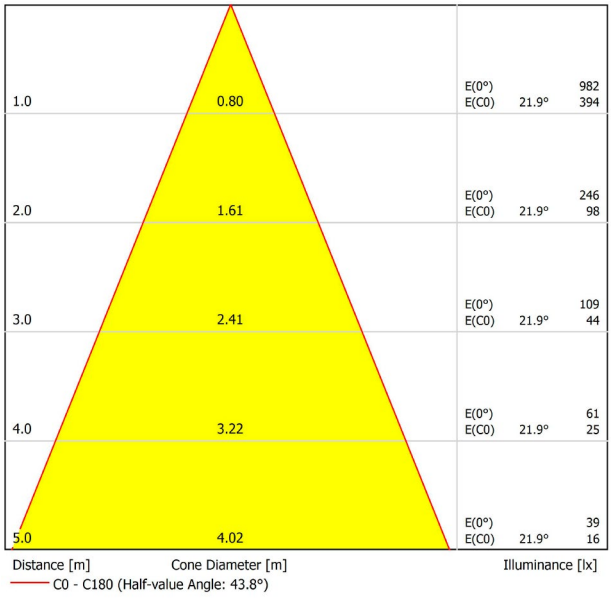
## POLAR DIAGRAM




## 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 | 11.6 | 12.3 | 11.9 | 12.5 | 12.7 | 11.6 | 12.3 | 11.9 | 12.5 | 12.7 |
| | 3H | 13.6 | 14.2 | 13.8 | 14.5 | 14.7 | 13.6 | 14.2 | 13.8 | 14.5 | 14.7 |
| | 4H | 14.4 | 15.0 | 14.7 | 15.3 | 15.6 | 14.4 | 15.0 | 14.7 | 15.3 | 15.6 |
| | 6H | 15.2 | 15.8 | 15.5 | 16.0 | 16.3 | 15.2 | 15.8 | 15.5 | 16.0 | 16.3 |
| | 8H | 15.5 | 16.1 | 15.9 | 16.4 | 16.7 | 15.5 | 16.1 | 15.9 | 16.4 | 16.7 |
| | 12H | 15.9 | 16.4 | 16.2 | 16.7 | 17.0 | 15.9 | 16.4 | 16.2 | 16.7 | 17.0 |
| 4H | 2H | 12.2 | 12.9 | 12.6 | 13.1 | 13.4 | 12.2 | 12.9 | 12.6 | 13.1 | 13.4 |
| | 3H | 14.4 | 15.0 | 14.8 | 15.3 | 15.6 | 14.4 | 15.0 | 14.8 | 15.3 | 15.6 |
| | 4H | 15.4 | 15.9 | 15.8 | 16.2 | 16.6 | 15.4 | 15.9 | 15.8 | 16.2 | 16.6 |
| | 6H | 16.4 | 16.8 | 16.8 | 17.1 | 17.5 | 16.4 | 16.8 | 16.8 | 17.1 | 17.5 |
| | 8H | 16.8 | 17.2 | 17.2 | 17.6 | 18.0 | 16.8 | 17.2 | 17.2 | 17.6 | 18.0 |
| | 12H | 17.3 | 17.6 | 17.7 | 18.0 | 18.4 | 17.3 | 17.6 | 17.7 | 18.0 | 18.4 |
| 8H | 4H | 15.8 | 16.2 | 16.3 | 16.6 | 17.0 | 15.8 | 16.2 | 16.3 | 16.6 | 17.0 |
| | 6H | 17.0 | 17.2 | 17.4 | 17.7 | 18.1 | 17.0 | 17.2 | 17.4 | 17.7 | 18.1 |
| | 8H | 17.6 | 17.8 | 18.0 | 18.2 | 18.7 | 17.6 | 17.8 | 18.0 | 18.2 | 18.7 |
| | 12H | 18.2 | 18.3 | 18.6 | 18.8 | 19.3 | 18.2 | 18.3 | 18.6 | 18.8 | 19.3 |
| 12H | 4H | 15.9 | 16.2 | 16.3 | 16.6 | 17.0 | 15.9 | 16.2 | 16.3 | 16.6 | 17.0 |
| | 6H | 17.1 | 17.3 | 17.6 | 17.8 | 18.3 | 17.1 | 17.3 | 17.6 | 17.8 | 18.3 |
| | 8H | 17.8 | 18.0 | 18.2 | 18.4 | 18.9 | 17.8 | 18.0 | 18.2 | 18.4 | 18.9 |

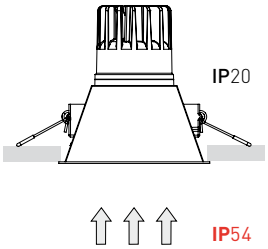
Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +1.4 / -0.6 | +1.4 / -0.6 |
| S = 1.5H | +2.6 / -0.8 | +2.6 / -0.8 |
| S = 2.0H | +3.9 / -1.1 | +3.9 / -1.1 |
| Standard table | BK05 | BK05 |
| Correction Summand | 1.4 | 1.4 |

Corrected Glare Indices referring to 700lm Total Luminous Flux

# SWAP IP54 ACCESSORY

ARKOSLIGHT®




| | PRODUCT |
|---|---|
| Model | IP54 Accessory Square |
| Reference | A2543054 |
| Category | Accessories |

PRE-ASSEMBLED. NOT SOLD SEPARATELY.
NOT COMPATIBLE WITH EXTRA BEZEL.
AFFECTS THE LIGHTING PARAMETERS.

EXCL | ACC. 44º

To make the difference, Swap IP54 reaches a high sealing level, maintaining at the same time the same aesthetics as a standard Swap. The insulating property is obtained thanks to a protection placed just over the LED, and a silicone joint on the internal part of the bezel. In this way, the external aspect of Swap IP54 is identical to any other Swap IP20. Swap offers the possibility of requesting any of its models with IP54-rated weather resistance, which converts it into an optimal luminaire to be installed in atmospheres where the product may suffer from the impact of water or frequent presence of humidity.

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# ADD-ON BEZEL

ARKOSLIGHT®



| | PRODUCT |
|---|---|
| Model | Swap Square Add-On Bezel |
| Colour | W □ \| Matt white |
| Category | Accessories |

85-89
+
89-101

Accessory always included but for optional use. It extends the piece's bezel to cover larger recesses, keeping Swap's minimalism and its perfect integration into the ceiling. Easy to fit. Ideal for reforms to replace the light spot, with the already existing holes, without altering the ceiling or repainting. Swap is the best option for updating to LED technology by means of a real light fixture with incorporated LED, in contrast to just a retrofit lamp that only implies a less efficient update of the light source.

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