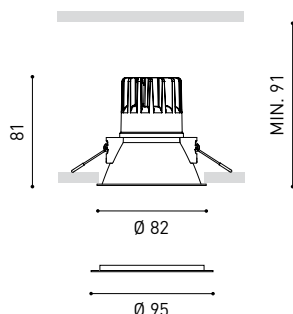




## DIMENSIONS



## ACCESSORIES



SWAP ADD-ON BEZEL  
EXCLUDED. NOT COMPATIBLE.

## AWARDS



reddot design award  
winner 2015



GERMAN  
DESIGN  
AWARD  
NOMINEE  
2016

## PRODUCT

|           |                        |
|-----------|------------------------|
| Name      | SWAP IP54 M 5W 3000K W |
| Reference | A2122111W54            |
| 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                                  | 46°                                |
| Unified Glare Rating                              | UGR<19                             |
| Lighting efficiency                               | 81%                                |
| 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          |

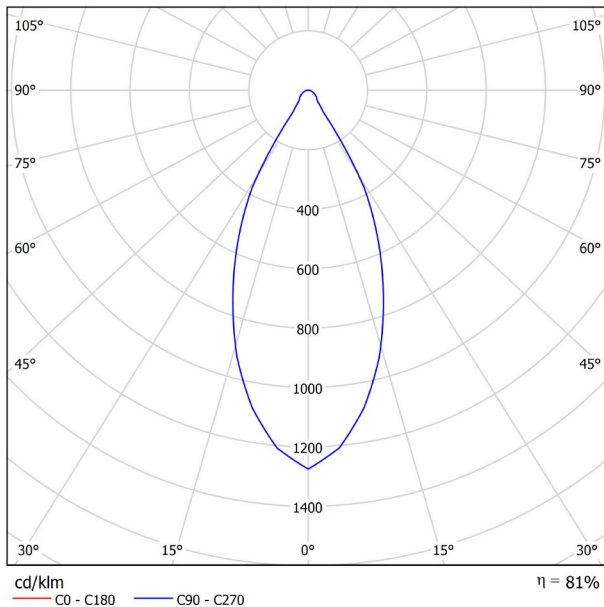
## OTHER DATA

|                     |                           |
|---------------------|---------------------------|
| Ingress Protection  | IP54                      |
| Recess measurements | Ø75 mm.                   |
| Weight              | 215 g.                    |
| Packaged weight     | 255 g.                    |
| Units per package   | 20                        |
| Materials           | Aluminium / Polycarbonate |

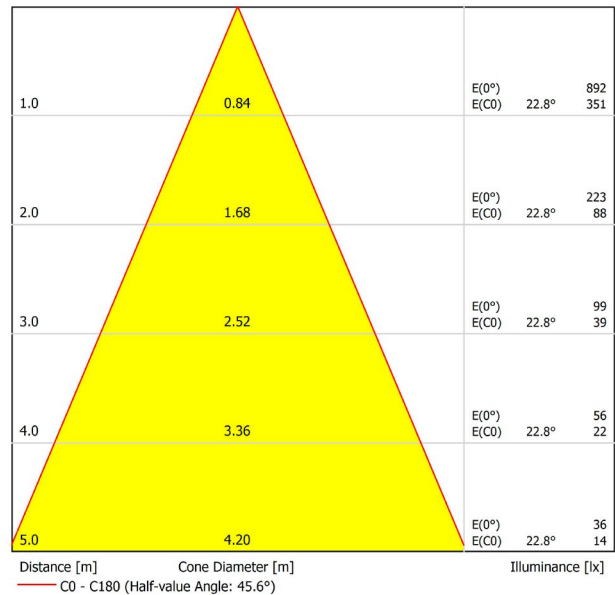


Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates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

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<br>X      Y                                            |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |  |
| 2H                                                               | 2H  | 15.0                                              | 15.7 | 15.2 | 15.9 | 16.1 | 15.0                                       | 15.7 | 15.2 | 15.9 | 16.1 |  |
|                                                                  | 3H  | 16.8                                              | 17.5 | 17.1 | 17.7 | 18.0 | 16.8                                       | 17.5 | 17.1 | 17.7 | 18.0 |  |
|                                                                  | 4H  | 17.6                                              | 18.2 | 17.9 | 18.5 | 18.8 | 17.6                                       | 18.2 | 17.9 | 18.5 | 18.8 |  |
|                                                                  | 6H  | 18.3                                              | 18.9 | 18.6 | 19.2 | 19.5 | 18.3                                       | 18.9 | 18.6 | 19.2 | 19.5 |  |
|                                                                  | 8H  | 18.6                                              | 19.2 | 19.0 | 19.5 | 19.8 | 18.6                                       | 19.2 | 19.0 | 19.5 | 19.8 |  |
|                                                                  | 12H | 18.9                                              | 19.5 | 19.3 | 19.8 | 20.1 | 18.9                                       | 19.5 | 19.3 | 19.8 | 20.1 |  |
| 4H                                                               | 2H  | 15.5                                              | 16.2 | 15.9 | 16.5 | 16.7 | 15.5                                       | 16.2 | 15.9 | 16.5 | 16.7 |  |
|                                                                  | 3H  | 17.6                                              | 18.2 | 17.9 | 18.5 | 18.8 | 17.6                                       | 18.2 | 17.9 | 18.5 | 18.8 |  |
|                                                                  | 4H  | 18.6                                              | 19.1 | 18.9 | 19.4 | 19.7 | 18.6                                       | 19.1 | 18.9 | 19.4 | 19.7 |  |
|                                                                  | 6H  | 19.5                                              | 19.9 | 19.9 | 20.2 | 20.6 | 19.5                                       | 19.9 | 19.9 | 20.2 | 20.6 |  |
|                                                                  | 8H  | 19.9                                              | 20.2 | 20.3 | 20.6 | 21.0 | 19.9                                       | 20.2 | 20.3 | 20.6 | 21.0 |  |
|                                                                  | 12H | 20.3                                              | 20.6 | 20.7 | 21.0 | 21.4 | 20.3                                       | 20.6 | 20.7 | 21.0 | 21.4 |  |
| 8H                                                               | 4H  | 18.9                                              | 19.3 | 19.4 | 19.7 | 20.1 | 18.9                                       | 19.3 | 19.4 | 19.7 | 20.1 |  |
|                                                                  | 6H  | 20.0                                              | 20.3 | 20.5 | 20.7 | 21.2 | 20.0                                       | 20.3 | 20.5 | 20.7 | 21.2 |  |
|                                                                  | 8H  | 20.6                                              | 20.8 | 21.0 | 21.3 | 21.7 | 20.6                                       | 20.8 | 21.0 | 21.3 | 21.7 |  |
|                                                                  | 12H | 21.1                                              | 21.3 | 21.6 | 21.8 | 22.3 | 21.1                                       | 21.3 | 21.6 | 21.8 | 22.3 |  |
| 12H                                                              | 4H  | 19.0                                              | 19.3 | 19.4 | 19.7 | 20.1 | 19.0                                       | 19.3 | 19.4 | 19.7 | 20.1 |  |
|                                                                  | 6H  | 20.1                                              | 20.4 | 20.6 | 20.8 | 21.3 | 20.1                                       | 20.4 | 20.6 | 20.8 | 21.3 |  |
|                                                                  | 8H  | 20.8                                              | 21.0 | 21.3 | 21.4 | 21.9 | 20.8                                       | 21.0 | 21.3 | 21.4 | 21.9 |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |  |
| S = 1.0H                                                         |     | +1.1 / -0.3                                       |      |      |      |      | +1.1 / -0.3                                |      |      |      |      |  |
| S = 1.5H                                                         |     | +2.2 / -0.5                                       |      |      |      |      | +2.2 / -0.5                                |      |      |      |      |  |
| S = 2.0H                                                         |     | +3.5 / -0.8                                       |      |      |      |      | +3.5 / -0.8                                |      |      |      |      |  |
| Standard table                                                   |     | BK06                                              |      |      |      |      | BK06                                       |      |      |      |      |  |
| Correction<br>Summand                                            |     | 3.9                                               |      |      |      |      | 3.9                                        |      |      |      |      |  |
| Corrected Glare Indices referring to 700lm Total Luminous Flux   |     |                                                   |      |      |      |      |                                            |      |      |      |      |  |