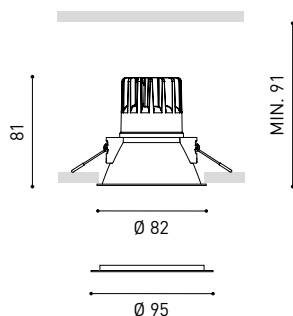




DIMENSIONS



ACCESSORIES



SWAP ADD-ON BEZEL
EXCLUDED. NOT COMPATIBLE.

AWARDS



reddot design award
winner 2015



GERMAN
DESIGN
AWARD
NOMINEE
2016

PRODUCT

Name	SWAP IP54 M 7W 4000K W
Reference	A2122212W54
Color	Matt white
Category	CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	960 Lm
Power	7 W
Power values of the system	8,75 W
Colour temperature	4000 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	137 Lm/W
Current intensity	200 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

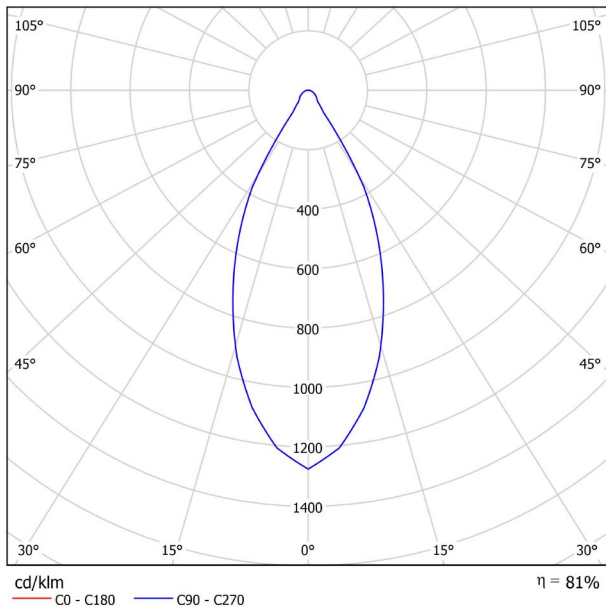
OTHER DATA

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

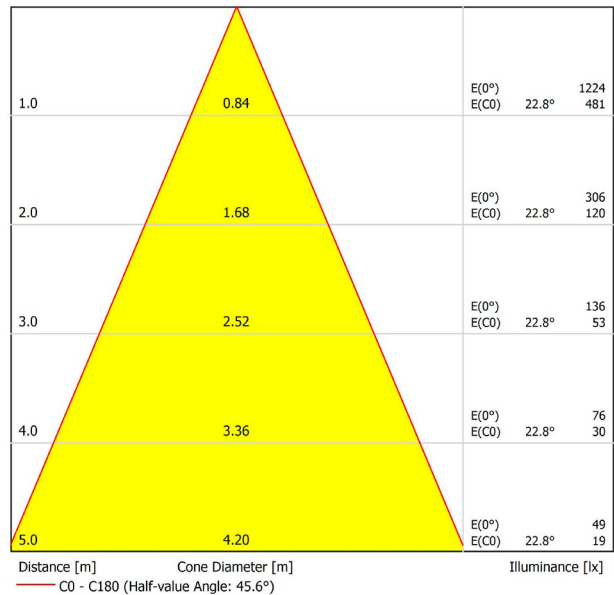


Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates 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												
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
p Floor		20	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	16.1	16.8	16.3	17.0	17.2	16.1	16.8	16.3	17.0	17.2	
	3H	17.9	18.6	18.2	18.8	19.1	17.9	18.6	18.2	18.8	19.1	
	4H	18.7	19.3	19.0	19.6	19.9	18.7	19.3	19.0	19.6	19.9	
	6H	19.4	20.0	19.7	20.3	20.6	19.4	20.0	19.7	20.3	20.6	
	8H	19.7	20.3	20.1	20.6	20.9	19.7	20.3	20.1	20.6	20.9	
	12H	20.0	20.6	20.4	20.9	21.2	20.0	20.6	20.4	20.9	21.2	
4H	2H	16.6	17.3	16.9	17.6	17.8	16.6	17.3	16.9	17.6	17.8	
	3H	18.7	19.3	19.0	19.6	19.9	18.7	19.3	19.0	19.6	19.9	
	4H	19.7	20.2	20.0	20.5	20.8	19.7	20.2	20.0	20.5	20.8	
	6H	20.6	21.0	21.0	21.3	21.7	20.6	21.0	21.0	21.3	21.7	
	8H	21.0	21.3	21.4	21.7	22.1	21.0	21.3	21.4	21.7	22.1	
	12H	21.4	21.7	21.8	22.1	22.5	21.4	21.7	21.8	22.1	22.5	
8H	4H	20.0	20.4	20.5	20.8	21.2	20.0	20.4	20.5	20.8	21.2	
	6H	21.1	21.4	21.6	21.8	22.3	21.1	21.4	21.6	21.8	22.3	
	8H	21.7	21.9	22.1	22.4	22.8	21.7	21.9	22.1	22.4	22.8	
	12H	22.2	22.4	22.7	22.9	23.4	22.2	22.4	22.7	22.9	23.4	
12H	4H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2	
	6H	21.2	21.5	21.7	21.9	22.4	21.2	21.5	21.7	21.9	22.4	
	8H	21.9	22.1	22.4	22.5	23.0	21.9	22.1	22.4	22.5	23.0	
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 Summand		3.9					3.9					
Corrected Glare Indices referring to 960lm Total Luminous Flux												