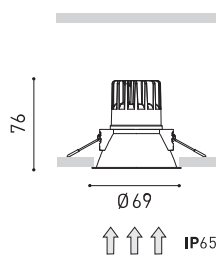




Dimensions



Accessories



ADD-ON BEZEL EXCLUDED.
NOT COMPATIBLE.

Awards



reddot design award
winner 2015



GERMAN
DESIGN
AWARD
NOMINEE
2016

PRODUCT

Name	SWAP S RT 2012 5W 3000K WN
Reference	A412111WN
Color	White-Black
RAL	Colour in the mass looks alike RAL 9010 & 9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	700 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5 W
Current	150 mA
Efficacy	140 lm/W
LED lifespan	L90B10 >55.000h
Energy efficiency class	E

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	59%
Light beam angle	36°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Fast Connect
Power values of the system	5,83 W
Frequency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

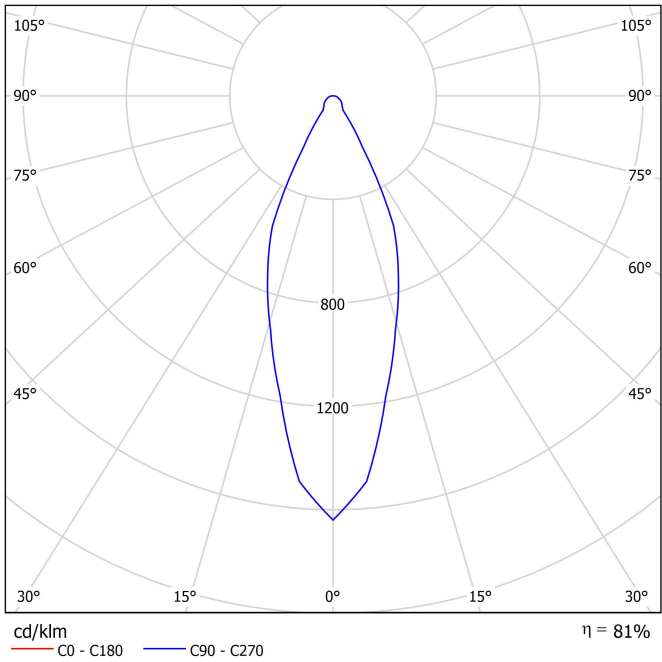
OTHER DATA

Sealing	IP65
Impact resistance	IK07
Recess measurements	Ø62 mm
Weight	200 g
Packaged weight	233,5 g
Packaging dimensions	94 x 88 x 93 mm
Units per package	1
Materials	Aluminium / Polycarbonate
Compatible avec la norme française RT2012 & BBC	Oui. Recouvrable d'isolant déroulé.

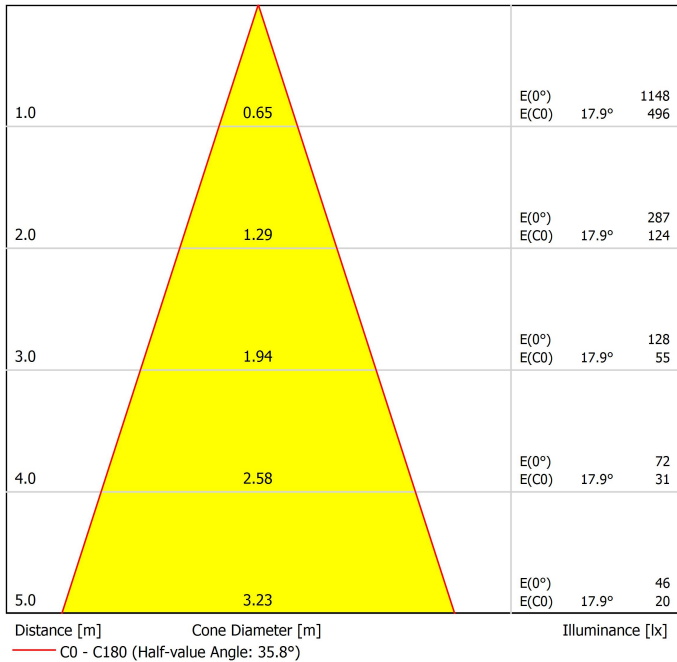


Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates 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

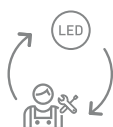


Conical diagram



UGR

Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	
p Ceiling		50	30	50	30	30	50	30	50	30	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p 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	17.8	18.7	18.1	18.9	19.1	17.8	18.7	18.1	18.9	19.1	
	3H	19.8	20.5	20.0	20.7	21.0	19.8	20.5	20.0	20.7	21.0	
	4H	20.6	21.3	20.9	21.5	21.8	20.6	21.3	20.9	21.5	21.8	
	6H	21.3	22.0	21.6	22.2	22.5	21.3	22.0	21.6	22.2	22.5	
	8H	21.6	22.3	22.0	22.6	22.9	21.6	22.3	22.0	22.6	22.9	
4H	12H	21.9	22.5	22.3	22.8	23.2	21.9	22.5	22.3	22.8	23.2	
	2H	18.5	19.2	18.8	19.4	19.7	18.5	19.2	18.8	19.4	19.7	
	3H	20.6	21.2	21.0	21.5	21.8	20.6	21.2	21.0	21.5	21.8	
	4H	21.6	22.1	22.0	22.5	22.8	21.6	22.1	22.0	22.5	22.8	
	6H	22.5	22.9	22.9	23.3	23.7	22.5	22.9	22.9	23.3	23.7	
8H	8H	22.9	23.3	23.3	23.7	24.1	22.9	23.3	23.3	23.7	24.1	
	12H	23.3	23.6	23.7	24.0	24.5	23.3	23.6	23.7	24.0	24.5	
	4H	22.0	22.4	22.4	22.8	23.2	22.0	22.4	22.4	22.8	23.2	
	6H	23.1	23.4	23.5	23.8	24.3	23.1	23.4	23.5	23.8	24.3	
	8H	23.6	23.9	24.1	24.3	24.8	23.6	23.9	24.1	24.3	24.8	
12H	12H	24.1	24.3	24.6	24.8	25.3	24.1	24.3	24.6	24.8	25.3	
	4H	22.0	22.4	22.5	22.8	23.2	22.0	22.4	22.5	22.8	23.2	
	6H	23.2	23.5	23.7	23.9	24.4	23.2	23.5	23.7	23.9	24.4	
	8H	23.8	24.0	24.3	24.5	25.0	23.8	24.0	24.3	24.5	25.0	
	Variation of the observer position for the luminaires distances S											
S = 1.0H		+0.3 / -0.1					+0.3 / -0.1					
S = 1.5H		+0.6 / -0.4					+0.6 / -0.4					
S = 2.0H		+1.0 / -0.6					+1.0 / -0.6					
Standard table		BK07					BK07					
Correction Summand		7.0					7.0					
Corrected Glare Indices referring to 700lm Total Luminous Flux												



Fuente de luz (LED) reemplazable por un profesional autorizado
 Replaceable (LED only) light source by an authorized professional.
 Source lumineuse (LED) remplaçable par un professionnel agréé
 Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato
 Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado
 Replaceable control gear by an authorized professional
 Dispositif de commande remplaçable par un professionnel agréé
 Alimentatore sostituibile da parte di un professionista autorizzato
 Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de los componentes:

Instructions on end-of-life and component disposal:

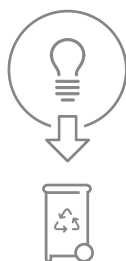
Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

Istruzioni per il fine vita e lo smaltimento dei componenti:

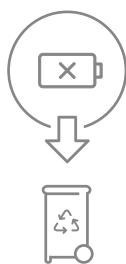
Anweisungen zur entsorgung der Leuchtenkomponenten:



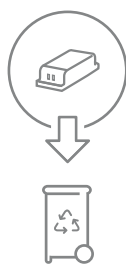
Interrumpir la alimentación del aparato
 Cut the power supply to the luminaire
 Couper l'alimentation du luminaire
 Interrompere l'alimentazione dell'apparecchio
 Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
 Remove light source(s) for disposal
 Retirer la (les) source(s) lumineuse(s) pour l'élimination
 Rimuovere la/le sorgente/e di luce per lo smaltimento
 Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho
 Remove the battery for decommissioning
 Retirer la batterie pour sa mise au rebut
 Rimuovere la batteria per la dismissione
 Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
 Remove control gear for disposal
 Retirer le dispositif de commande pour l'élimination
 Rimuovere l'alimentatore per lo smaltimento
 Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
 Send the materials to a WEEE collection centre
 Envoyer les matériaux dans une déchetterie DEEE
 Inviare i materiali ad un centro di raccolta RAEE
 Die Materialien in einem WEEE-Zentrum entsorgen

