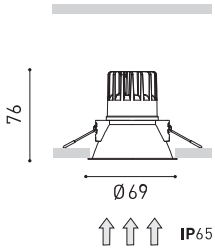
Swap

ARKOSLIGHT



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 4000K N
Reference	A4121112N
Colour	Matt black
RAL	9005
Category	CEILING RECESSED
	LIGHT SOURCE
Type	LED
Gross luminous flux	710 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5 W
Current	150 mA
Efficacy	142 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.

CE EPD INTERNATIONAL EPD SYSTEM

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.

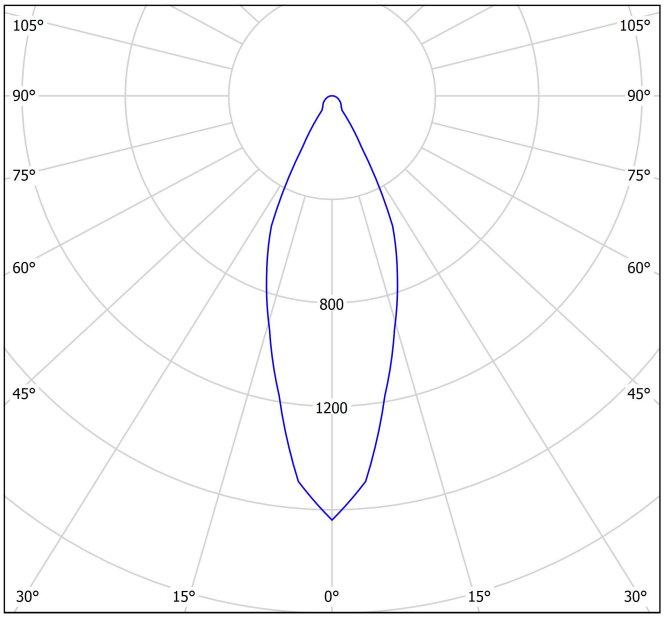
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Lighting technical data

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Polar diagram

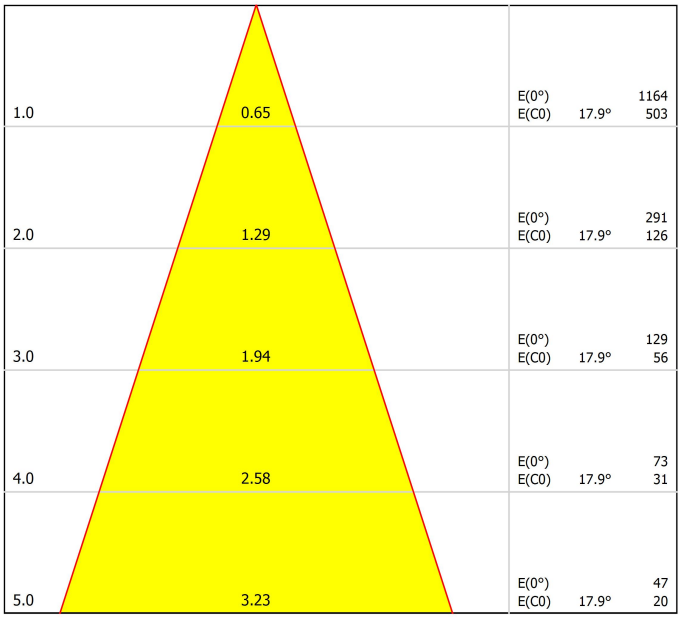


cd/klm

η = 81%

C0 - C180 C90 - C270

Conical diagram



Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 35.8°)

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	17.9	18.7	18.1	18.9	19.1	17.9	18.7	18.1	18.9	19.1
	3H	19.8	20.5	20.1	20.8	21.0	19.8	20.5	20.1	20.8	21.0
	4H	20.6	21.3	20.9	21.6	21.9	20.6	21.3	20.9	21.6	21.9
	6H	21.4	22.0	21.7	22.3	22.6	21.4	22.0	21.7	22.3	22.6
	8H	21.7	22.3	22.0	22.6	22.9	21.7	22.3	22.0	22.6	22.9
	12H	22.0	22.6	22.3	22.9	23.2	22.0	22.6	22.3	22.9	23.2
4H	2H	18.5	19.2	18.8	19.5	19.7	18.5	19.2	18.8	19.5	19.7
	3H	20.7	21.3	21.0	21.6	21.9	20.7	21.3	21.0	21.6	21.9
	4H	21.6	22.2	22.0	22.5	22.9	21.6	22.2	22.0	22.5	22.9
	6H	22.5	23.0	23.0	23.4	23.7	22.5	23.0	23.0	23.4	23.7
	8H	23.0	23.4	23.4	23.7	24.1	23.0	23.4	23.4	23.7	24.1
	12H	23.3	23.7	23.8	24.1	24.5	23.3	23.7	23.8	24.1	24.5
8H	4H	22.0	22.4	22.5	22.8	23.2	22.0	22.4	22.5	22.8	23.2
	6H	23.1	23.4	23.6	23.9	24.3	23.1	23.4	23.6	23.9	24.3
	8H	23.7	23.9	24.1	24.4	24.8	23.7	23.9	24.1	24.4	24.8
	12H	24.2	24.4	24.7	24.9	25.4	24.2	24.4	24.7	24.9	25.4
12H	4H	22.1	22.4	22.5	22.8	23.3	22.1	22.4	22.5	22.8	23.3
	6H	23.2	23.5	23.7	24.0	24.4	23.2	23.5	23.7	24.0	24.4
	8H	23.8	24.1	24.3	24.5	25.0	23.8	24.1	24.3	24.5	25.0

Variation of the observer position for the luminaire 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 710lm Total Luminous Flux

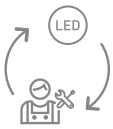
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29-09-26 / 06:24

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Ecodesign and Energy Labelling

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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

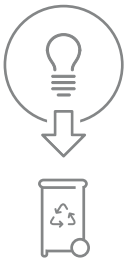
Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

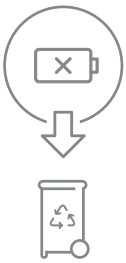
Instrucciones para el final de vida y la eliminación de los componentes:
Instructions on end-of-life and component disposal:
Instructions pour la gestion des composants en fin de vie et leur mise au rebut :
Istruzioni per il fine vita e lo smaltimento dei componenti:
Anweisungen zur entsorgung der Leuchtenkomponenten:



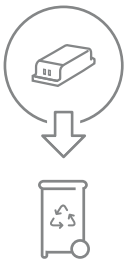
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

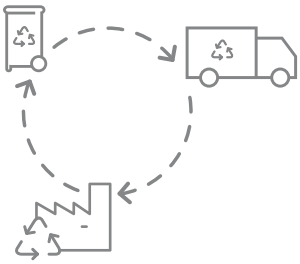


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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