



DIMENSIONS



ACCESSORIES



IP65 ACCESSORY



ADD-ON BEZEL



FLAT SPRING ACCESSORY

AWARDS



reddot design award
winner 2015



GERMAN
DESIGN
AWARD
NOMINEE
2016

PRODUCT

Name	SWAP XL 6W PH.CUT DIM TO WARM N
Reference	A2124329N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	640 lm
Colour temperature	Dim to warm 3000 - 1800 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	6 W
Current	350 mA
Efficacy	107 lm/W
LED lifespan	L80B20 > 55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	58%
Light beam angle	43°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Fast Connect
Power values of the system	7,63 W
Frequency	50/60 Hz
Dimming	Phase Cut - Other DIM, please consult
Electrical insulation class	☐

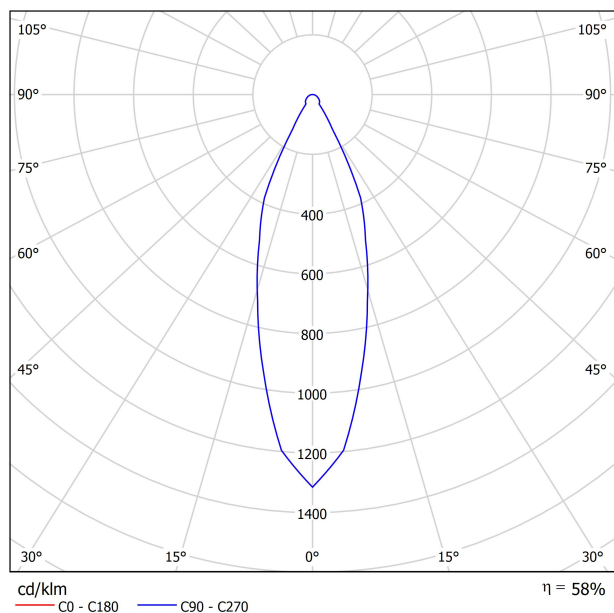
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Impact resistance	IK07
Recess measurements	Ø101 mm
Weight	260 g
Packaged weight	321 g
Packaging dimensions	147 x 132 x 134 mm
Units per package	1
Materials	Aluminium / Polycarbonate

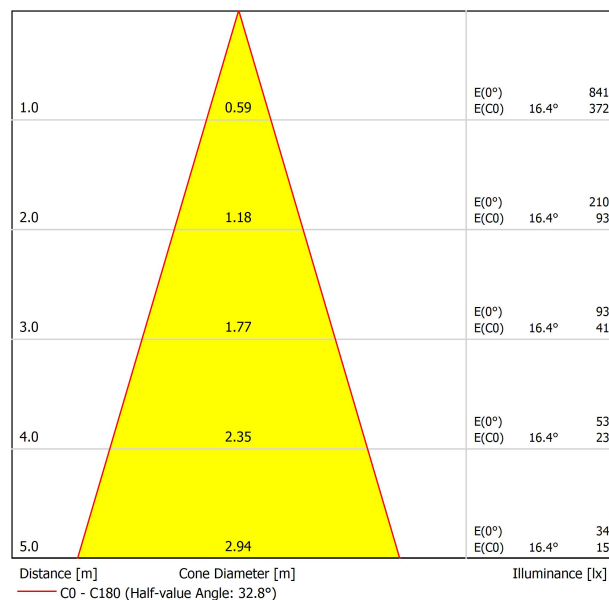


Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates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

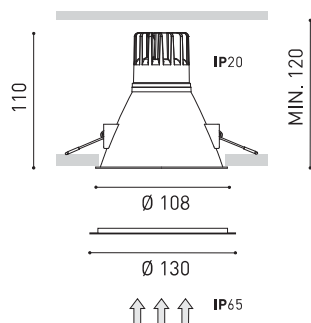


UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
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	12.3	13.1	12.6	13.4	13.6	12.3	13.1	12.6	13.4	13.6	
	3H	14.2	15.0	14.5	15.2	15.5	14.2	15.0	14.5	15.2	15.5	
	4H	15.1	15.8	15.4	16.0	16.3	15.1	15.8	15.4	16.0	16.3	
	6H	15.8	16.5	16.1	16.7	17.0	15.8	16.5	16.1	16.7	17.0	
	8H	16.1	16.7	16.5	17.0	17.3	16.1	16.7	16.5	17.0	17.3	
	12H	16.4	17.0	16.8	17.3	17.6	16.4	17.0	16.8	17.3	17.6	
4H	2H	13.0	13.7	13.3	13.9	14.2	13.0	13.7	13.3	13.9	14.2	
	3H	15.1	15.7	15.5	16.0	16.3	15.1	15.7	15.5	16.0	16.3	
	4H	16.1	16.6	16.5	16.9	17.3	16.1	16.6	16.5	16.9	17.3	
	6H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2	
	8H	17.4	17.8	17.8	18.2	18.6	17.4	17.8	17.8	18.2	18.6	
	12H	17.8	18.1	18.2	18.5	19.0	17.8	18.1	18.2	18.5	19.0	
8H	4H	16.5	16.9	16.9	17.3	17.7	16.5	16.9	16.9	17.3	17.7	
	6H	17.6	17.9	18.0	18.3	18.7	17.6	17.9	18.0	18.3	18.7	
	8H	18.1	18.4	18.6	18.8	19.3	18.1	18.4	18.6	18.8	19.3	
	12H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8	
12H	4H	16.5	16.9	17.0	17.3	17.7	16.5	16.9	17.0	17.3	17.7	
	6H	17.7	17.9	18.2	18.4	18.9	17.7	17.9	18.2	18.4	18.9	
	8H	18.3	18.5	18.8	19.0	19.5	18.3	18.5	18.8	19.0	19.5	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.4 / -0.3					+0.4 / -0.3					
S = 2.0H		+0.6 / -0.6					+0.6 / -0.6					
Standard table		BK07					BK07					
Correction Summand		0.6					0.6					
Corrected Glare Indices referring to 640lm Total Luminous Flux												



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PRODUCT

Name	SWAP IP65 XL 6W PH.CUT DIM TO WARM W
Reference	A2124329W65
Color	Matt white
RAL	Colour in the mass looks alike RAL 9010
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	640 lm
Colour temperature	Dim to warm 3000 - 1800 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	6 W
Current	350 mA
Efficacy	107 lm/W
LED lifespan	L80B20 > 55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	76%
Light beam angle	46°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Fast Connect
Power values of the system	7,63 W
Frequency	50/60 Hz
Dimming	Phase Cut - Other DIM, please consult
Electrical insulation class	□

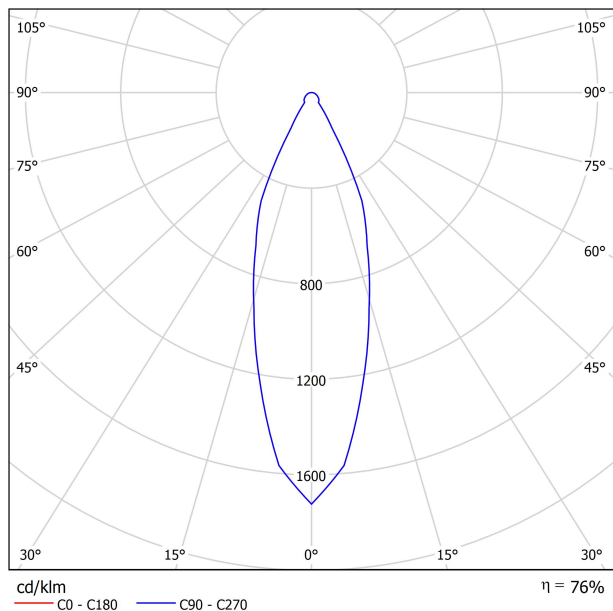
OTHER DATA

Sealing	IP65
Wireless control	Please Consult
Emergency power supply	Please Consult
Impact resistance	IK07
Recess measurements	Ø101 mm
Weight	260 g
Packaged weight	321 g
Packaging dimensions	147 x 132 x 134 mm
Units per package	1
Materials	Aluminium / Polycarbonate

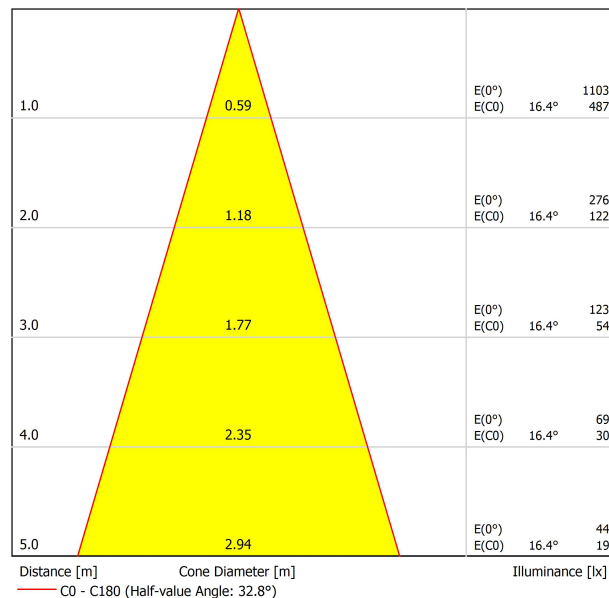


Swap is a ceiling recessed LED spotlight whose main features are its minimalist aspect, its perfect integration into the ceiling, and considerable visual comfort, thanks to the small reflector that is set back with respect to the ceiling plane. When it is switched on, its matte finish shade generates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

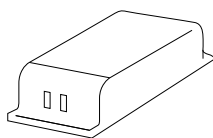


CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
p Ceiling		50	30	50	30	30	50	30	50	30	30	30
p Walls		20	20	20	20	20	20	20	20	20	20	20
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	13.3	14.1	13.5	14.3	14.5	13.3	14.1	13.5	14.3	14.5	
	3H	15.2	15.9	15.5	16.2	16.4	15.2	15.9	15.5	16.2	16.4	
	4H	16.0	16.7	16.3	17.0	17.2	16.0	16.7	16.3	17.0	17.2	
	6H	16.7	17.4	17.1	17.7	18.0	16.7	17.4	17.1	17.7	18.0	
	8H	17.1	17.7	17.4	18.0	18.3	17.1	17.7	17.4	18.0	18.3	
4H	12H	17.4	18.0	17.7	18.3	18.6	17.4	18.0	17.7	18.3	18.6	
	2H	13.9	14.6	14.2	14.9	15.1	13.9	14.6	14.2	14.9	15.1	
	3H	16.0	16.6	16.4	16.9	17.3	16.0	16.6	16.4	16.9	17.3	
	4H	17.0	17.5	17.4	17.9	18.2	17.0	17.5	17.4	17.9	18.2	
	6H	17.9	18.4	18.3	18.7	19.1	17.9	18.4	18.3	18.7	19.1	
8H	8H	18.3	18.7	18.8	19.1	19.5	18.3	18.7	18.8	19.1	19.5	
	12H	18.7	19.1	19.2	19.5	19.9	18.7	19.1	19.2	19.5	19.9	
	4H	17.4	17.8	17.8	18.2	18.6	17.4	17.8	17.8	18.2	18.6	
	6H	18.5	18.8	19.0	19.2	19.7	18.5	18.8	19.0	19.2	19.7	
	8H	19.0	19.3	19.5	19.7	20.2	19.0	19.3	19.5	19.7	20.2	
12H	12H	19.6	19.8	20.0	20.2	20.7	19.6	19.8	20.0	20.2	20.7	
	4H	17.5	17.8	17.9	18.2	18.6	17.5	17.8	17.9	18.2	18.6	
	6H	18.6	18.9	19.1	19.3	19.8	18.6	18.9	19.1	19.3	19.8	
	8H	19.2	19.4	19.7	19.9	20.4	19.2	19.4	19.7	19.9	20.4	
Variation of the observer position for the luminaires distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.4 / -0.3					+0.4 / -0.3					
S = 2.0H		+0.6 / -0.6					+0.6 / -0.6					
Standard table		BK07					BK07					
Correction Summand		2.5					2.5					
Corrected Glare Indices referring to 640lm Total Luminous Flux												



DRIVER

0000-84-24

DRIVER 10W 350mA PHASE CUT DTW

PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

Brand / Manufacturer	Model number	Dimming Type
Niko	310-0190X	Trailing edge
Jung	LB-Management	Trailing edge
HZC Electric	AU-P3	Trailing edge
Philips	SED-200A	Trailing edge
Merten/Schneider	SBD315RC	Trailing edge
Etman	ETM327	Trailing edge
Etman	ETM329	Trailing edge
Casambi	CBU-TED	Trailing edge

THE PARTICULAR CONDITIONS OF EACH INSTALLATION AND THE SPECIFICATIONS AND CONDITIONS OF USE OF EACH REGULATOR, MAY DIFFER FROM THOSE CONSIDERED IN THE COMPATIBILITY TESTING, AND AFFECT ITS PERFORMANCE IN SAID INSTALLATION.

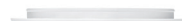
FOR MORE INFO, PLEASE CONSULT



PRODUCT	
Model	Swap XL Add-On Bezel
Colour	W □ Matt white
Category	Accessories



Ⓡ 101-105
+



Ⓡ 105-126

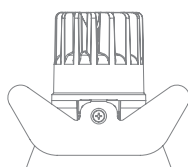
Accessory always included but for optional use.

It extends the piece's bezel to cover larger recesses, keeping Swap's minimalism and its perfect integration into the ceiling.

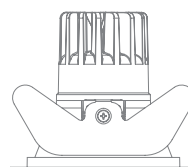
Easy to fit. Ideal for reforms to replace the light spot, with the already existing holes, without altering the ceiling or repainting. Swap is the best option for updating to LED technology by means of a real light fixture with incorporated LED, in contrast to just a retrofit lamp that only implies a less efficient update of the light source.



	PRODUCT
Model	Swap XL Flat Spring
Reference	A2120000
Category	Accessories



® 101



With extra bezel

® 105-117

The springs "Flat Spring" is an accessory that replaces the fixing clamp system for recessed installations in cement ceilings.

With Swap XL, L and M versions, the customer will receive a mounting kit wich will allow him to change the fixing clamps for the new system.



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 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

