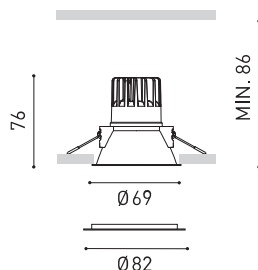




### DIMENSIONES



### ACCESORIOS



IP65 ACCESSORY



ADD-ON BEZEL

### PREMIOS



reddot design award  
winner 2015



GERMAN  
DESIGN  
AWARD  
NOMINEE  
2016

Nombre	SWAP S 6W PH.CUT DIM TO WARM R
Referencia	A2121329R
Color	Red
RAL	2004
Categoría	CEILING RECESSED

### PRODUCTO

Tipo	LED
Flujo Luminoso	640 lm
Temperatura de color	Dim to warm 3000 - 1800 K
Estabilidad cromática	MacAdam Step 3
Índice de reproducción cromática	CRI > 90
Potencia	6 W
Corriente	350 mA
Eficacia	107 lm/W
Horas de Vida del LED	L80B20 > 55.000h

### FUENTE DE LUZ

Eficiencia Lumínica	68%
Ángulo del haz de luz	33°

### LUMINARIA | DATOS FOTOMÉTRICOS

Driver	Included - Fast Connect
Potencia del sistema	7,63 W
Tensión	220V/240V
Frecuencia	50/60 Hz
Regulación	Phase Cut - Other DIM, please consult
Clase de seguridad eléctrica	<input type="checkbox"/>

### LUMINARIA | DATOS ELÉCTRICOS

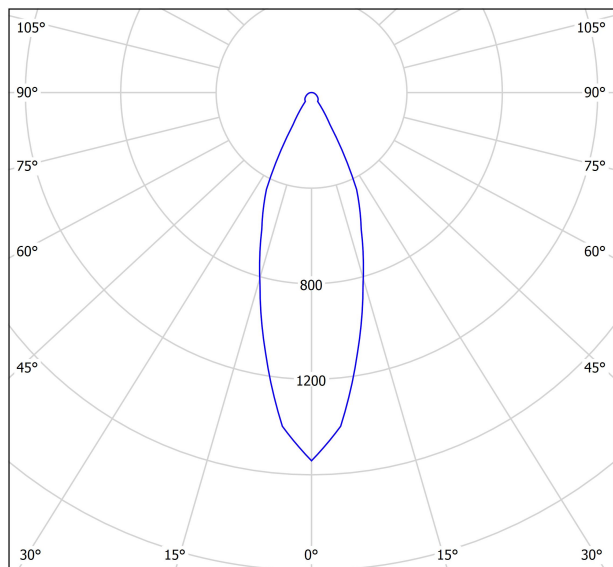
Estanqueidad	IP20
Control inalámbrico	Please Consult
Alimentación de emergencia	Please Consult
Resistencia a impactos	IK07
Medidas de empotramiento	Ø62 mm
Peso	200 g
Peso con embalaje	233,5 g
Dimensiones embalaje	147 x 132 x 134 mm
Unidades por embalaje	1
Materiales	Aluminium / Polycarbonate

### OTROS DATOS



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.

DIAGRAMA POLAR



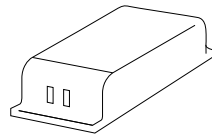
cd/klm  
 — C0 - C180 — C90 - C270

$\eta = 68\%$

DIAGRAMA CÓNICO

UGR

Glare Evaluation According to UGR											
		70	70	50	50	30	70	70	50	50	30
$\rho$ Ceiling		50	30	50	30	30	50	30	50	30	30
$\rho$ Walls		20	20	20	20	20	20	20	20	20	20
$\rho$ 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	16.5	17.3	16.8	17.5	17.7	16.5	17.3	16.8	17.5	17.7
	3H	18.4	19.2	18.7	19.4	19.6	18.4	19.2	18.7	19.4	19.6
	4H	19.2	19.9	19.6	20.2	20.5	19.2	19.9	19.6	20.2	20.5
	6H	20.0	20.6	20.3	20.9	21.2	20.0	20.6	20.3	20.9	21.2
	8H	20.3	20.9	20.6	21.2	21.5	20.3	20.9	20.6	21.2	21.5
4H	12H	20.6	21.2	21.0	21.5	21.8	20.6	21.2	21.0	21.5	21.8
	2H	17.1	17.8	17.5	18.1	18.4	17.1	17.8	17.5	18.1	18.4
	3H	19.3	19.9	19.6	20.2	20.5	19.3	19.9	19.6	20.2	20.5
	4H	20.3	20.8	20.6	21.1	21.5	20.3	20.8	20.6	21.1	21.5
	6H	21.2	21.6	21.6	22.0	22.4	21.2	21.6	21.6	22.0	22.4
8H	8H	21.6	22.0	22.0	22.4	22.8	21.6	22.0	22.0	22.4	22.8
	12H	22.0	22.3	22.4	22.7	23.1	22.0	22.3	22.4	22.7	23.1
	4H	20.7	21.0	21.1	21.4	21.8	20.7	21.0	21.1	21.4	21.8
12H	6H	21.7	22.0	22.2	22.5	22.9	21.7	22.0	22.2	22.5	22.9
	8H	22.3	22.5	22.7	23.0	23.5	22.3	22.5	22.7	23.0	23.5
	12H	22.8	23.0	23.3	23.5	24.0	22.8	23.0	23.3	23.5	24.0
12H	4H	20.7	21.1	21.1	21.5	21.9	20.7	21.1	21.1	21.5	21.9
	6H	21.9	22.1	22.3	22.6	23.0	21.9	22.1	22.3	22.6	23.0
	8H	22.5	22.7	22.9	23.1	23.6	22.5	22.7	22.9	23.1	23.6
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		5.4					5.4				
Corrected Glare Indices referring to 640lm Total Luminous Flux											



**DRIVER**

<b>0000-84-24</b>	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



IP20



IP65

	PRODUCT
Model	IP65 Accessory S
Reference	A2121065
Category	Accessories

PRE-ASSEMBLED. NOT SOLD SEPARATELY.  
AFFECTS THE LIGHTING PARAMETERS.



36°

To make the difference, Swap IP65 reaches a high sealing level, maintaining at the same time the same aesthetics as a standard Swap. The insulating property is obtained thanks to a protection placed just over the LED, and a silicone joint on the internal part of the bezel. In this way, the external aspect of Swap IP65 is identical to any other Swap IP20.

Swap offers the possibility of requesting any of its models with IP65-rated weather resistance, which converts it into an optimal luminaire to be installed in atmospheres where the product may suffer from the impact of water or frequent presence of humidity.



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



① 62-66

+

① 66-78

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.



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

