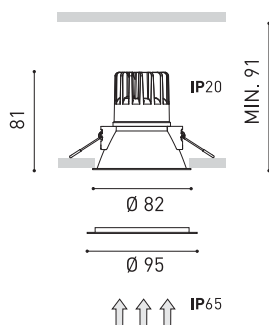




## Dimensiones



## Accesorios



ADD-ON BEZEL



FLAT SPRING ACCESSORY

## Premios



reddot design award  
winner 2015



## PRODUCTO

|            |                                   |
|------------|-----------------------------------|
| Nombre     | SWAP IP65 M 7W DIM PH.CUT 3000K W |
| Referencia | A2122221W65                       |
| Color      | Blanco Mate                       |
| RAL        | Color en masa similar a RAL 9010  |
| Categoría  | CEILING RECESSED                  |

## FUENTE DE LUZ

|                                  |                 |
|----------------------------------|-----------------|
| Tipo                             | LED             |
| Flujo luminoso                   | 940 lm          |
| Temperatura de color             | 3000 K          |
| Estabilidad cromática            | MacAdam Step 2  |
| Índice de reproducción cromática | CRI>90          |
| Potencia                         | 7 W             |
| Corriente                        | 200 mA          |
| Eficacia                         | 134 lm/W        |
| Horas de vida del LED            | L90B10 >55.000h |
| Eficiencia energética            | E               |

## LUMINARIA | DATOS FOTOMÉTRICOS

|                       |     |
|-----------------------|-----|
| Eficiencia lumínica   | 81% |
| Ángulo del haz de luz | 46° |

## LUMINARIA | DATOS ELÉCTRICOS

|                              |                                        |
|------------------------------|----------------------------------------|
| Driver                       | Incluido - Conexión rápida             |
| Potencia del sistema         | 8,39 W                                 |
| Tensión                      | 220V/240V                              |
| Frecuencia                   | 50/60 Hz                               |
| Regulación                   | Recorte de Fase - Otros DIM, consultar |
| Clase de seguridad eléctrica | <input type="checkbox"/>               |

## OTROS DATOS

|                            |                          |
|----------------------------|--------------------------|
| Estanqueidad               | IP65                     |
| Control inalámbrico        | Consultar                |
| Alimentación de emergencia | Consultar                |
| Resistencia a impactos     | IK07                     |
| Medidas de empotramiento   | Ø75 mm                   |
| Peso                       | 215 g                    |
| Peso con embalaje          | 255 g                    |
| Dimensiones embalaje       | 100 x 102 x 97 mm        |
| Unidades por embalaje      | 1                        |
| Materiales                 | Aluminio / Policarbonato |



Swap es un spot LED empotrable que destaca por el minimalismo de su estética, su perfecta integración en el techo y un notable confort visual, gracias a su pequeño reflector ubicado en posición retranqueada respecto al plano del techo. Al encenderse, su pantalla en acabado mate genera un atractivo efecto, un discreto círculo de luz. Incluye un bisel extra, de uso opcional, para cubrir diámetros de empotramiento mayores.

Diagrama polar

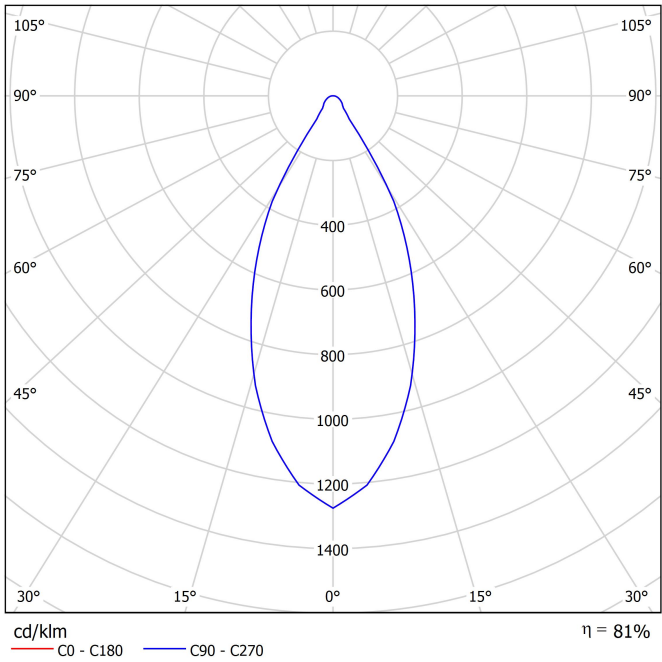
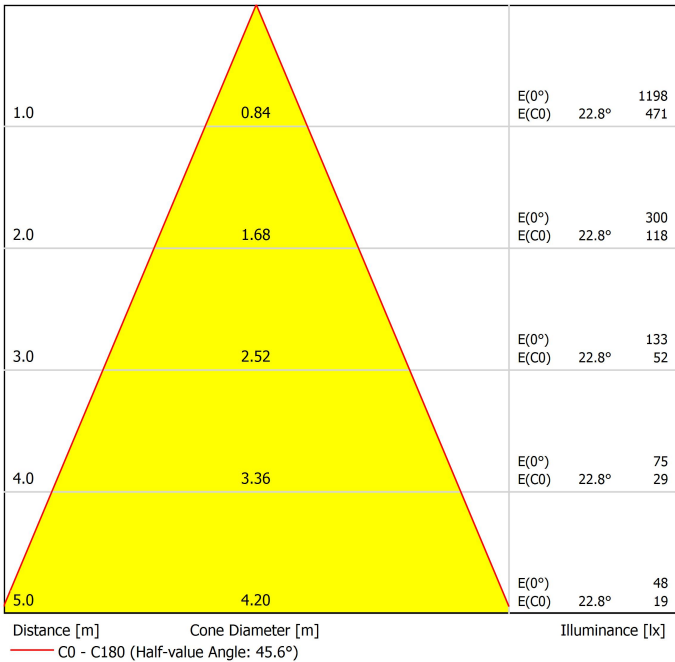
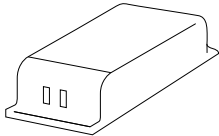


Diagrama cónico



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  | 16.0                                           | 16.8 | 16.2 | 17.0 | 17.2 | 16.0                                    | 16.8 | 16.2 | 17.0 | 17.2 |  |
|                                                                   | 3H  | 17.8                                           | 18.5 | 18.1 | 18.7 | 19.0 | 17.8                                    | 18.5 | 18.1 | 18.7 | 19.0 |  |
|                                                                   | 4H  | 18.6                                           | 19.3 | 18.9 | 19.5 | 19.8 | 18.6                                    | 19.3 | 18.9 | 19.5 | 19.8 |  |
|                                                                   | 6H  | 19.3                                           | 19.9 | 19.6 | 20.2 | 20.5 | 19.3                                    | 19.9 | 19.6 | 20.2 | 20.5 |  |
|                                                                   | 8H  | 19.6                                           | 20.2 | 20.0 | 20.5 | 20.8 | 19.6                                    | 20.2 | 20.0 | 20.5 | 20.8 |  |
|                                                                   | 12H | 20.0                                           | 20.5 | 20.3 | 20.8 | 21.2 | 20.0                                    | 20.5 | 20.3 | 20.8 | 21.2 |  |
| 4H                                                                | 2H  | 16.6                                           | 17.2 | 16.9 | 17.5 | 17.8 | 16.6                                    | 17.2 | 16.9 | 17.5 | 17.8 |  |
|                                                                   | 3H  | 18.6                                           | 19.2 | 19.0 | 19.5 | 19.8 | 18.6                                    | 19.2 | 19.0 | 19.5 | 19.8 |  |
|                                                                   | 4H  | 19.6                                           | 20.1 | 20.0 | 20.4 | 20.8 | 19.6                                    | 20.1 | 20.0 | 20.4 | 20.8 |  |
|                                                                   | 6H  | 20.5                                           | 20.9 | 20.9 | 21.3 | 21.6 | 20.5                                    | 20.9 | 20.9 | 21.3 | 21.6 |  |
|                                                                   | 8H  | 20.9                                           | 21.3 | 21.3 | 21.7 | 22.1 | 20.9                                    | 21.3 | 21.3 | 21.7 | 22.1 |  |
|                                                                   | 12H | 21.3                                           | 21.6 | 21.7 | 22.0 | 22.5 | 21.3                                    | 21.6 | 21.7 | 22.0 | 22.5 |  |
| 8H                                                                | 4H  | 20.0                                           | 20.3 | 20.4 | 20.7 | 21.1 | 20.0                                    | 20.3 | 20.4 | 20.7 | 21.1 |  |
|                                                                   | 6H  | 21.0                                           | 21.3 | 21.5 | 21.8 | 22.2 | 21.0                                    | 21.3 | 21.5 | 21.8 | 22.2 |  |
|                                                                   | 8H  | 21.6                                           | 21.8 | 22.1 | 22.3 | 22.8 | 21.6                                    | 21.8 | 22.1 | 22.3 | 22.8 |  |
|                                                                   | 12H | 22.2                                           | 22.4 | 22.6 | 22.8 | 23.3 | 22.2                                    | 22.4 | 22.6 | 22.8 | 23.3 |  |
| 12H                                                               | 4H  | 20.0                                           | 20.3 | 20.5 | 20.7 | 21.2 | 20.0                                    | 20.3 | 20.5 | 20.7 | 21.2 |  |
|                                                                   | 6H  | 21.2                                           | 21.4 | 21.6 | 21.9 | 22.3 | 21.2                                    | 21.4 | 21.6 | 21.9 | 22.3 |  |
|                                                                   | 8H  | 21.8                                           | 22.0 | 22.3 | 22.5 | 23.0 | 21.8                                    | 22.0 | 22.3 | 22.5 | 23.0 |  |
| Variation of the observer position for the luminaires 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 940lm Total Luminous Flux    |     |                                                |      |      |      |      |                                         |      |      |      |      |  |



DRIVER

|            |                                  |
|------------|----------------------------------|
| 0433-01-28 | DRIVER LED 7.5W 200mA DIM PH.CUT |
|------------|----------------------------------|

PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number                        | Dimming Type           |
|----------------------|-------------------------------------|------------------------|
| Busch                | 2247U                               | Leading edge           |
| Busch                | 6523 U                              | Leading edge           |
| Legrand              | Cat 400T                            | Trailing edge          |
| Legrand              | 6708300%                            | Trailing edge          |
| Legrand              | 77006200%                           | Trailing edge          |
| NIKO                 | 310-01900                           | Trailing edge          |
| NIKO                 | 310-02700                           | Trailing edge          |
| NIKO                 | 310-02800                           | Trailing edge          |
| OSRAM                | MCU Te250                           | Trailing edge          |
| Siemens              | 5TC8 284                            | Trailing edge          |
| Diginet              | MEDM/LED Smart phase<br>(DGLCDM400) | Trailing edge          |
| Clipsal              | 32ELED                              | Trailing edge          |
| Hager B&R            | WBMD400LED                          | Trailing edge          |
| V-PRO                | 250W MAX. GLS                       | Trailing edge          |
| SG                   | LEDDIM 400                          | Trailing edge          |
| ELKO                 | 316 GLED                            | Leading edge           |
| Hamilton             | LEDIT-B100                          | Trailing edge          |
| VLTIMATE             | GU6012L                             | Trailing edge          |
| SHUTTLE              | SDIM-T-LED500W                      | Leading edge           |
| RADIANT              | LEDDIMO4-500W                       | Trailing edge          |
| GIRA                 | 238500%                             | Trailing /Leading edge |
| JUNG                 | 122400%                             | Trailing /Leading 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 M Add-On Bezel                     |  |
| Colour   |  | W <input type="checkbox"/>   Matt white |  |
| Category |  | Accessories                             |  |



75-79

+

79-91

Bisel extra

Complemento siempre incluido pero de uso opcional.

Extiende el bisel de la pieza para cubrir empotramientos mayores, conservando el minimalismo de Swap y su perfecta integración en el techo.

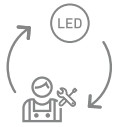
Fácil instalación. Ideal para reformas en las que reemplazar puntos de luz, con agujeros preexistentes, sin obras en el techo ni volver a pintar. Swap es la mejor opción de actualización al LED, frente a las lámparas de sustitución 'retrofit'.



|           | PRODUCT            |
|-----------|--------------------|
| Model     | Swap M Flat Spring |
| Reference | A2120000           |
| Category  | Accessories        |

Accesorio Flat spring

Los resortes «Flat Spring» son un accesorio que sustituye al sistema de pinzas para empotrar en techos de cemento. En los modelos Swap XL, L y M, el cliente recibirá un kit de auto-montaje para que reemplace las pinzas por el nuevo sistema.



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

