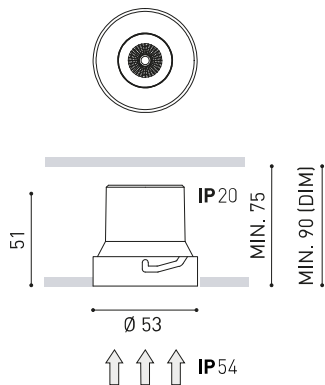




## Dimensiones



## Accesorios



TRIMLESS ACCESSORY  
(MANDATORY)



TRIMLESS TOOL

## PRODUCTO

|            |                                                     |
|------------|-----------------------------------------------------|
| Nombre     | SHOT LIGHT S TRIMLESS IP54 FLOOD DIM PH.CUT 4000K N |
| Referencia | A4631512N                                           |
| Color      | Negro                                               |
| RAL        | Color en masa similar a RAL 9005                    |
| Categoría  | CEILING RECESSED                                    |

## FUENTE DE LUZ

|                                  |                 |
|----------------------------------|-----------------|
| Tipo                             | LED             |
| Flujo luminoso                   | 650 lm          |
| Temperatura de color             | 4000 K          |
| Estabilidad cromática            | MacAdam Step 2  |
| Índice de reproducción cromática | CRI>90          |
| Potencia                         | 6 W             |
| Corriente                        | 500 mA          |
| Eficacia                         | 108 lm/W        |
| Horas de vida del LED            | L80B10 >60.000h |
| Eficiencia energética            | F               |

## LUMINARIA | DATOS FOTOMÉTRICOS

|                       |     |
|-----------------------|-----|
| Eficiencia lumínica   | 78% |
| Ángulo del haz de luz | 34° |

## LUMINARIA | DATOS ELÉCTRICOS

|                              |                                        |
|------------------------------|----------------------------------------|
| Driver                       | Incluido - Conectado                   |
| Potencia del sistema         | 8,28 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               | IP54                                                        |
| Control inalámbrico        | Consultar                                                   |
| Alimentación de emergencia | Consultar                                                   |
| Medidas de empotramiento   | Ø59 mm                                                      |
| Peso                       | 145 g                                                       |
| Peso con embalaje          | 215 g                                                       |
| Dimensiones embalaje       | 173 x 85 x 74 mm                                            |
| Unidades por embalaje      | 1                                                           |
| Materiales                 | Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato |



Una luminaria concebida para ser un discreto punto de luz en el techo que oculta a la vista el origen de la iluminación y busca ofrecer el máximo confort visual. Para ello, está provisto de una pantalla antideslumbramiento y un micro-reflector (diseñado específicamente) que genera un haz de luz perfectamente definido.

Diagrama polar

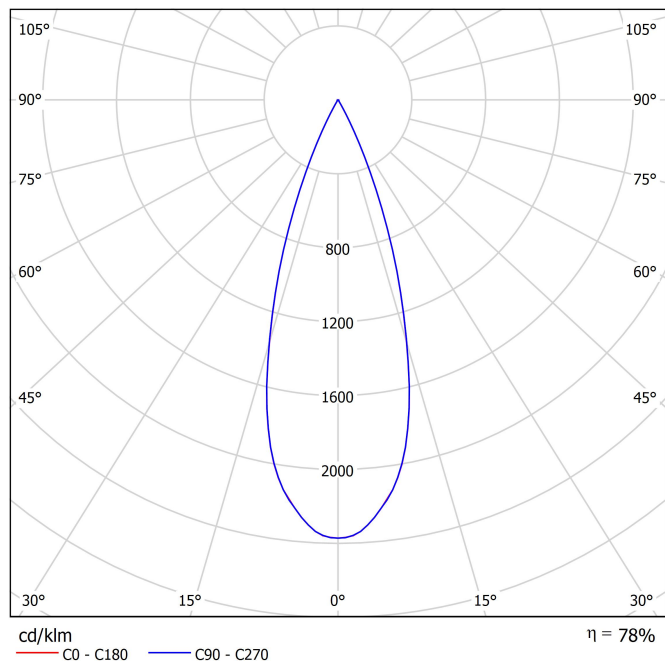
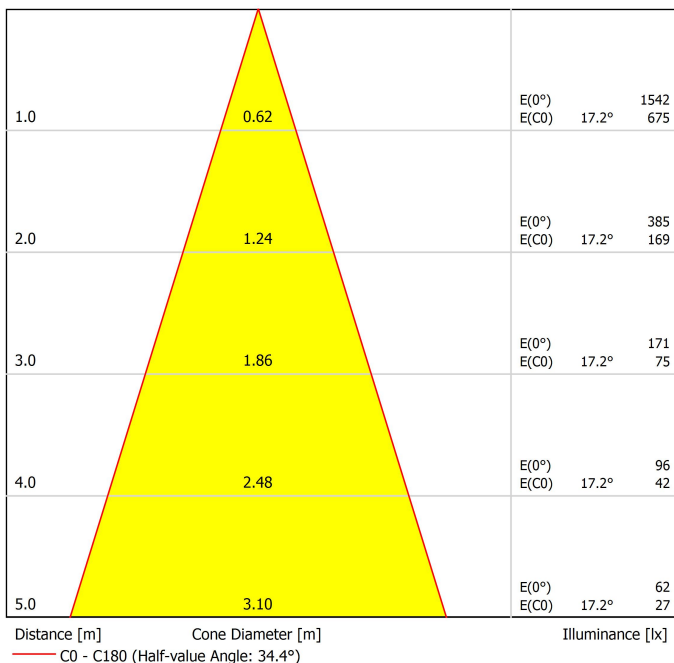
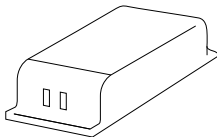


Diagrama cónico



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<br>X Y                                                 |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |       |      |      |  |
| 2H                                                               | 2H  | -9.7                                              | -9.1 | -9.5 | -8.9 | -8.7 | -10.5                                      | -9.9 | -10.3 | -9.7 | -9.5 |  |
|                                                                  | 3H  | -6.3                                              | -5.7 | -6.0 | -5.5 | -5.3 | -6.4                                       | -5.8 | -6.1  | -5.6 | -5.4 |  |
|                                                                  | 4H  | -4.8                                              | -4.3 | -4.5 | -4.0 | -3.8 | -4.5                                       | -4.0 | -4.2  | -3.8 | -3.5 |  |
|                                                                  | 6H  | -2.7                                              | -2.2 | -2.4 | -1.9 | -1.6 | -2.7                                       | -2.2 | -2.4  | -1.9 | -1.6 |  |
|                                                                  | 8H  | -1.2                                              | -0.7 | -0.9 | -0.4 | -0.1 | -1.3                                       | -0.8 | -1.0  | -0.6 | -0.3 |  |
|                                                                  | 12H | 0.1                                               | 0.6  | 0.5  | 0.9  | 1.2  | 0.1                                        | 0.6  | 0.5   | 0.9  | 1.2  |  |
| 4H                                                               | 2H  | -8.7                                              | -8.1 | -8.4 | -7.9 | -7.6 | -9.2                                       | -8.7 | -8.9  | -8.4 | -8.2 |  |
|                                                                  | 3H  | -4.9                                              | -4.4 | -4.5 | -4.1 | -3.8 | -5.0                                       | -4.5 | -4.6  | -4.2 | -3.9 |  |
|                                                                  | 4H  | -3.1                                              | -2.8 | -2.8 | -2.4 | -2.1 | -3.0                                       | -2.6 | -2.6  | -2.3 | -1.9 |  |
|                                                                  | 6H  | -1.0                                              | -0.7 | -0.6 | -0.3 | 0.1  | -1.0                                       | -0.7 | -0.6  | -0.3 | 0.0  |  |
|                                                                  | 8H  | 0.6                                               | 0.9  | 1.0  | 1.3  | 1.7  | 0.4                                        | 0.7  | 0.8   | 1.1  | 1.5  |  |
|                                                                  | 12H | 2.0                                               | 2.2  | 2.4  | 2.6  | 3.1  | 2.0                                        | 2.2  | 2.4   | 2.6  | 3.1  |  |
| 8H                                                               | 4H  | -2.3                                              | -2.0 | -1.9 | -1.6 | -1.2 | -2.2                                       | -1.9 | -1.8  | -1.5 | -1.1 |  |
|                                                                  | 6H  | 0.2                                               | 0.4  | 0.6  | 0.8  | 1.2  | 0.1                                        | 0.3  | 0.5   | 0.7  | 1.2  |  |
|                                                                  | 8H  | 1.9                                               | 2.0  | 2.3  | 2.5  | 3.0  | 1.7                                        | 1.9  | 2.2   | 2.3  | 2.8  |  |
|                                                                  | 12H | 3.5                                               | 3.7  | 4.0  | 4.1  | 4.6  | 3.5                                        | 3.7  | 4.0   | 4.1  | 4.6  |  |
| 12H                                                              | 4H  | -2.1                                              | -1.8 | -1.6 | -1.4 | -1.0 | -1.9                                       | -1.7 | -1.5  | -1.3 | -0.9 |  |
|                                                                  | 6H  | 0.5                                               | 0.7  | 1.0  | 1.1  | 1.6  | 0.5                                        | 0.6  | 0.9   | 1.1  | 1.5  |  |
|                                                                  | 8H  | 2.3                                               | 2.5  | 2.8  | 2.9  | 3.4  | 2.2                                        | 2.3  | 2.6   | 2.8  | 3.3  |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |       |      |      |  |
| S = 1.0H                                                         |     | +1.6 / -0.5                                       |      |      |      |      | +1.8 / -0.6                                |      |       |      |      |  |
| S = 1.5H                                                         |     | +3.3 / -0.9                                       |      |      |      |      | +3.6 / -0.9                                |      |       |      |      |  |
| S = 2.0H                                                         |     | +4.9 / -1.0                                       |      |      |      |      | +5.3 / -1.2                                |      |       |      |      |  |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |       |      |      |  |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |       |      |      |  |
| Summand                                                          |     |                                                   |      |      |      |      |                                            |      |       |      |      |  |
| Corrected Glare Indices referring to 650lm Total Luminous Flux   |     |                                                   |      |      |      |      |                                            |      |       |      |      |  |



DRIVER

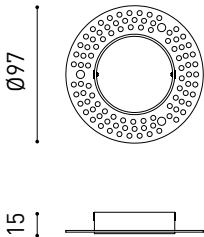
|            |                           |
|------------|---------------------------|
| 0000-94-44 | DRIVER PHASE CUT 7W 500mA |
|------------|---------------------------|

PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number  | Dimming Type  |
|----------------------|---------------|---------------|
| Busch-Jaeger         | 6523 U-102    | Trailing edge |
| Busch-Jaeger         | 6523 UR-103   | Trailing edge |
| 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 |
| Etman (EGANT)        | U321V2        | 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.

MANDATORY FOR INSTALLATION



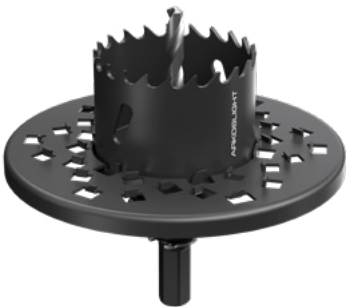
| PRODUCT   |                                 |
|-----------|---------------------------------|
| Model     | Shot Light S Trimless accessory |
| Reference | A4630000                        |
| Material  | Iron                            |
| Coating   | Zinc plated                     |
| Category  | Accessories                     |



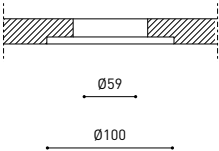
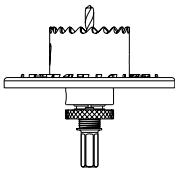
059

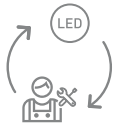


INSTALLATION GUIDE  
[https://youtu.be/sa\\_xAgj4ji4](https://youtu.be/sa_xAgj4ji4)



| PRODUCT   |                                    |
|-----------|------------------------------------|
| Model     | Trimless Tool <b>D59 X D100 MM</b> |
| Reference | A478-00-03                         |
| Category  | Accessories                        |





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

