



## DIMENSIONS



## ACCESSORIES



HIGH CHROMATIC LED

## PRODUCT

|           |                                     |
|-----------|-------------------------------------|
| Name      | SHOT LIGHT M 3 DIM PH.CUT 3500K NMG |
| Reference | A2970353NMG                         |
| Color     | Black-Metallized gold               |
| RAL       | Metallic finish                     |
| Category  | CEILING RECESSED                    |

## LIGHT SOURCE

|                        |                 |
|------------------------|-----------------|
| Type                   | LED             |
| Gross luminous flux    | 1290 lm         |
| Colour temperature     | 3500 K          |
| Chromatic stability    | MacAdam Step 2  |
| Colour Rendering Index | CRI>90          |
| Power                  | 10,3 W          |
| Current                | 300 mA          |
| Efficacy               | 125 lm/W        |
| LED lifespan           | L90B10 >55.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 86% |
| Light beam angle    | 38° |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                             |                                       |
|-----------------------------|---------------------------------------|
| Driver                      | Included - Connected                  |
| Power values of the system  | 12,36 W                               |
| Frequency                   | 50/60 Hz                              |
| Dimming                     | Phase Cut - Other DIM, please consult |
| Electrical insulation class | □                                     |

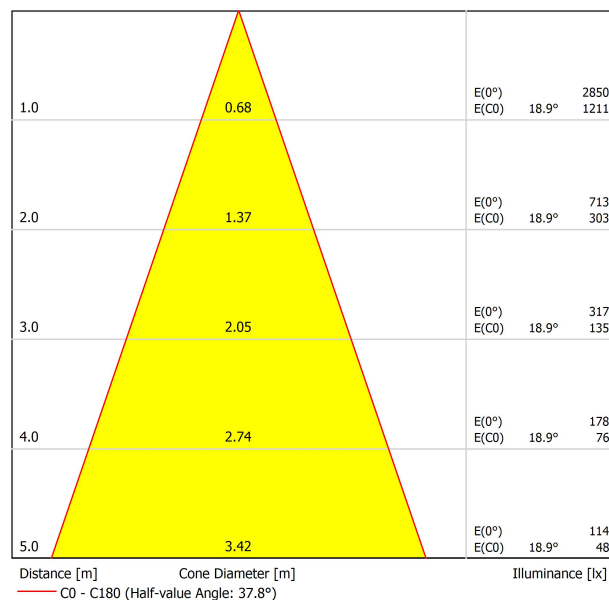
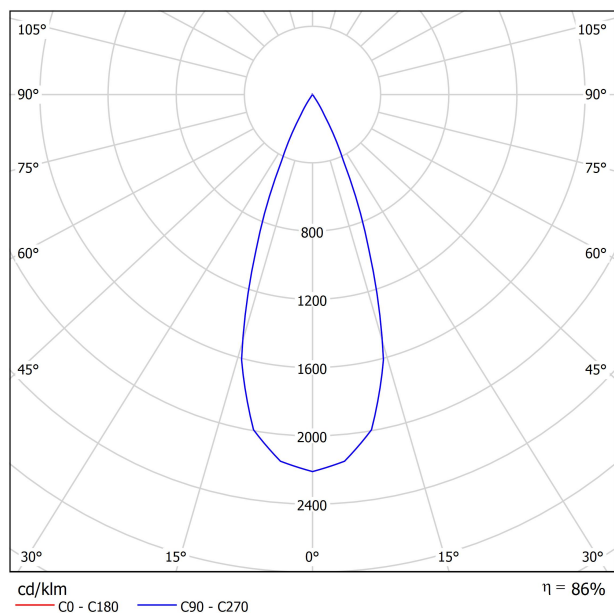
## OTHER DATA

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Wireless control       | Please Consult                                              |
| Emergency power supply | Please Consult                                              |
| Weight                 | 260 g                                                       |
| Packaged weight        | 315 g                                                       |
| Packaging dimensions   | 101 x 95 x 88 mm                                            |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |



A luminaire conceived to be a discreet point of light in the ceiling that hides the illumination source from sight and aims to offer maximum visual comfort. In order to achieve this, it has an anti-glare screen and a specifically designed micro-reflector that generates a perfectly defined light beam.

### CONICAL DIAGRAM



| 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  | -17.9                                             | -17.3 | -17.7 | -17.1 | -16.9 | -17.9                                         | -17.3 | -17.7 | -17.1 | -16.9 |
|                                                                  | 3H  | -14.3                                             | -13.7 | -14.0 | -13.5 | -13.2 | -14.3                                         | -13.7 | -14.0 | -13.5 | -13.2 |
|                                                                  | 4H  | -12.0                                             | -11.5 | -11.7 | -11.2 | -11.0 | -12.0                                         | -11.5 | -11.7 | -11.2 | -11.0 |
|                                                                  | 6H  | -10.3                                             | -9.8  | -10.0 | -9.5  | -9.2  | -10.3                                         | -9.8  | -10.0 | -9.5  | -9.2  |
|                                                                  | 8H  | -9.2                                              | -8.7  | -8.8  | -8.4  | -8.1  | -9.2                                          | -8.7  | -8.8  | -8.4  | -8.1  |
|                                                                  | 12H | -7.5                                              | -7.1  | -7.2  | -6.8  | -6.5  | -7.5                                          | -7.1  | -7.2  | -6.8  | -6.5  |
| 4H                                                               | 2H  | -17.1                                             | -16.5 | -16.8 | -16.3 | -16.0 | -17.1                                         | -16.5 | -16.8 | -16.3 | -16.0 |
|                                                                  | 3H  | -12.9                                             | -12.4 | -12.6 | -12.1 | -11.8 | -12.9                                         | -12.4 | -12.6 | -12.1 | -11.8 |
|                                                                  | 4H  | -10.5                                             | -10.1 | -10.1 | -9.8  | -9.4  | -10.5                                         | -10.1 | -10.1 | -9.8  | -9.4  |
|                                                                  | 6H  | -8.7                                              | -8.3  | -8.3  | -8.0  | -7.6  | -8.7                                          | -8.3  | -8.3  | -8.0  | -7.6  |
|                                                                  | 8H  | -7.4                                              | -7.1  | -7.0  | -6.8  | -6.4  | -7.4                                          | -7.1  | -7.0  | -6.8  | -6.4  |
|                                                                  | 12H | -5.6                                              | -5.4  | -5.2  | -5.0  | -4.6  | -5.6                                          | -5.4  | -5.2  | -5.0  | -4.6  |
| 8H                                                               | 4H  | -9.7                                              | -9.4  | -9.3  | -9.0  | -8.6  | -9.7                                          | -9.4  | -9.3  | -9.0  | -8.6  |
|                                                                  | 6H  | -7.6                                              | -7.4  | -7.2  | -7.0  | -6.6  | -7.6                                          | -7.4  | -7.2  | -7.0  | -6.6  |
|                                                                  | 8H  | -6.2                                              | -6.0  | -5.7  | -5.6  | -5.1  | -6.2                                          | -6.0  | -5.7  | -5.6  | -5.1  |
|                                                                  | 12H | -4.1                                              | -4.0  | -3.6  | -3.5  | -3.0  | -4.1                                          | -4.0  | -3.6  | -3.5  | -3.0  |
| 12H                                                              | 4H  | -9.5                                              | -9.3  | -9.1  | -8.9  | -8.5  | -9.5                                          | -9.3  | -9.1  | -8.9  | -8.5  |
|                                                                  | 6H  | -7.3                                              | -7.1  | -6.8  | -6.7  | -6.2  | -7.3                                          | -7.1  | -6.8  | -6.7  | -6.2  |
|                                                                  | 8H  | -5.7                                              | -5.5  | -5.2  | -5.1  | -4.6  | -5.7                                          | -5.5  | -5.2  | -5.1  | -4.6  |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                               |       |       |       |       |
| S = 1.0H<br>S = 1.5H<br>S = 2.0H                                 |     | +6.9 / -10.4<br>+9.8 / -11.0<br>+11.8 / -11.6     |       |       |       |       | +6.9 / -10.4<br>+9.8 / -11.0<br>+11.8 / -11.6 |       |       |       |       |
| Standard table<br>Correction<br>Summand                          |     | BK00<br>-13.2                                     |       |       |       |       | BK00<br>-13.2                                 |       |       |       |       |
| Corrected Glare Indices referring to 1290lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                               |       |       |       |       |



## DRIVER

0433-00-33 DRIVER LED 18W PH.CUT CONFIG 300mA

## 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

# HIGH CHROMATIC LED

ARKOSLIGHT®

FOR COMMERCIAL PRODUCT SHOWCASING

| Vivid Model<br>Colour Temperature                                                                     | 2700K | 3000K | 3500K | 4000K | Light Pink |
|-------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|------------|
|  Reading             |       |       | •     | •     |            |
|  Fruits & Vegetables |       | •     | •     |       |            |
|  Bakery              | •     |       |       |       |            |
|  Retail              |       | •     | •     |       |            |
|  Cosmetics           |       |       | •     | •     |            |
|  Meat                |       |       |       |       | •          |
|  Fish                |       |       |       | •     |            |
|  Seafood             |       |       |       | •     | •          |



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



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

