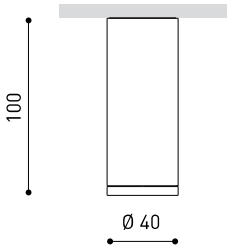
# Top

ARKOSLIGHT

## DIMENSIONS




## ACCESSORIES

HIGH CHROMATIC LED

BEAM MIXER DIFFUSER

ANTI-GLARE HONEYCOMB LOUVER

## AWARDS

archiproducts DESIGN AWARDS – WINNER 2018

EUROPEAN PRODUCT DESIGN AWARD

| | |
|---|---|
| **PRODUCT** | |
| Name | TOP 20º 4000K NT |
| Reference | A2950012NT |
| Color | Textured black |
| RAL | 9005 |
| Category | SURFACE |
| **LIGHT SOURCE** | |
| Type | LED |
| Gross luminous flux | 515 lm |
| Colour temperature | 4000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 4,5 W |
| Current | 500 mA |
| Efficacy | 114 lm/W |
| LED lifespan | L90B10 >55.000h |
| **LIGHTING FIXTURE \| PHOTOMETRIC DATA** | |
| Lighting efficiency | 92% |
| Light beam angle | 20° |
| **LIGHTING FIXTURE \| ELECTRICAL DATA** | |
| Driver | Included |
| Power values of the system | 6,34 W |
| Voltage | 220V/240V |
| Frecuency | 50/60 Hz |
| Dimming | No Dim |
| Electrical insulation class | ⏚ |
| **OTHER DATA** | |
| Sealing | IP20 |
| Weight | 153 g |
| Packaged weight | 180 g |
| Packaging dimensions | 136 x 68 x 51 mm |
| Units per package | 1 |
| Materials | Aluminium / Polycarbonate |

CE

Top is a miniaturized surface-mounted ceiling luminaire. Its compact design makes Top an ideal solution for installation in ceiling cavities and for projects where a discrete presence of the luminaire in the scene is desired. Formally Top presents itself as a design of pure lines and architectural aesthetics. In terms of lighting, Top offers a conical distribution with three available beam angles (flood, medium and spot). Its installation is extremely easy and safe, fixing it to the ceiling by means of a bayonet system that does not require the use of any tools.

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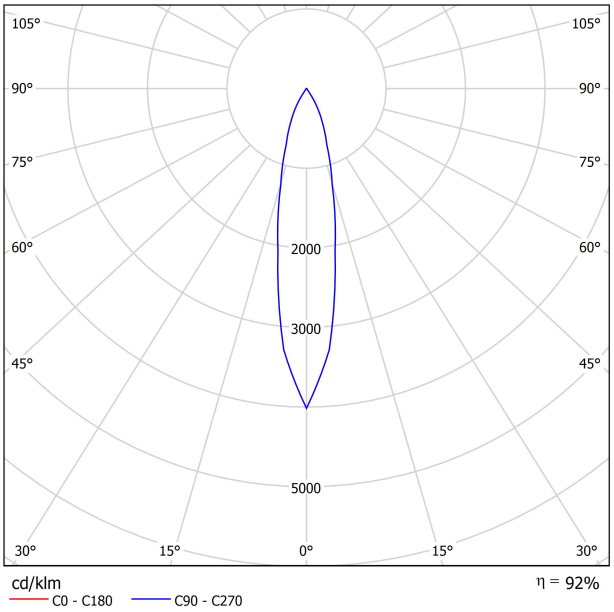
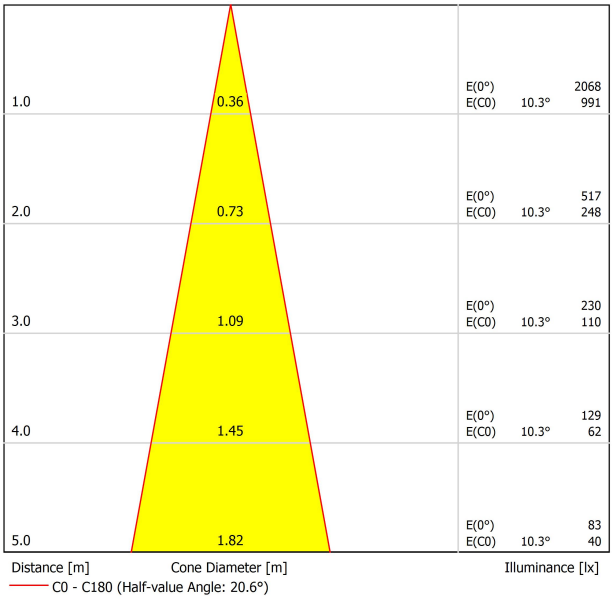
## POLAR DIAGRAM




## CONICAL DIAGRAM




## UGR

**Glare Evaluation According to UGR**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| ρ Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| ρ 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 | 5.3 | 5.9 | 5.5 | 6.1 | 6.3 | 5.3 | 5.9 | 5.5 | 6.1 | 6.3 |
| | 3H | 8.8 | 9.4 | 9.1 | 9.7 | 9.9 | 8.8 | 9.4 | 9.1 | 9.7 | 9.9 |
| | 4H | 10.5 | 11.1 | 10.8 | 11.4 | 11.6 | 10.5 | 11.1 | 10.8 | 11.4 | 11.6 |
| | 6H | 12.3 | 12.8 | 12.6 | 13.1 | 13.4 | 12.3 | 12.8 | 12.6 | 13.1 | 13.4 |
| | 8H | 13.2 | 13.7 | 13.5 | 14.0 | 14.3 | 13.2 | 13.7 | 13.5 | 14.0 | 14.3 |
| | 12H | 14.2 | 14.7 | 14.6 | 15.0 | 15.3 | 14.2 | 14.7 | 14.6 | 15.0 | 15.3 |
| 4H | 2H | 6.5 | 7.0 | 6.8 | 7.3 | 7.5 | 6.5 | 7.0 | 6.8 | 7.3 | 7.5 |
| | 3H | 10.1 | 10.6 | 10.5 | 10.9 | 11.2 | 10.1 | 10.6 | 10.5 | 10.9 | 11.2 |
| | 4H | 12.0 | 12.4 | 12.4 | 12.7 | 13.1 | 12.0 | 12.4 | 12.4 | 12.7 | 13.1 |
| | 6H | 13.9 | 14.2 | 14.3 | 14.6 | 15.0 | 13.9 | 14.2 | 14.3 | 14.6 | 15.0 |
| | 8H | 14.9 | 15.2 | 15.3 | 15.6 | 16.0 | 14.9 | 15.2 | 15.3 | 15.6 | 16.0 |
| | 12H | 16.0 | 16.3 | 16.5 | 16.7 | 17.1 | 16.0 | 16.3 | 16.5 | 16.7 | 17.1 |
| 8H | 4H | 12.7 | 13.0 | 13.1 | 13.4 | 13.8 | 12.7 | 13.0 | 13.1 | 13.4 | 13.8 |
| | 6H | 14.9 | 15.1 | 15.3 | 15.5 | 16.0 | 14.9 | 15.1 | 15.3 | 15.5 | 16.0 |
| | 8H | 16.1 | 16.2 | 16.5 | 16.7 | 17.2 | 16.1 | 16.2 | 16.5 | 16.7 | 17.2 |
| | 12H | 17.4 | 17.5 | 17.9 | 18.0 | 18.5 | 17.4 | 17.5 | 17.9 | 18.0 | 18.5 |
| 12H | 4H | 12.9 | 13.2 | 13.3 | 13.6 | 14.0 | 12.9 | 13.2 | 13.3 | 13.6 | 14.0 |
| | 6H | 15.2 | 15.3 | 15.6 | 15.8 | 16.3 | 15.2 | 15.3 | 15.6 | 15.8 | 16.3 |
| | 8H | 16.4 | 16.6 | 16.9 | 17.1 | 17.6 | 16.4 | 16.6 | 16.9 | 17.1 | 17.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +2.3 / -0.7 | | | | | +2.3 / -0.7 | | | | |
| S = 1.5H | | +4.2 / -0.9 | | | | | +4.2 / -0.9 | | | | |
| S = 2.0H | | +6.0 / -1.1 | | | | | +6.0 / -1.1 | | | | |
| Standard table | | --- | | | | | --- | | | | |
| Correction Summand | | --- | | | | | --- | | | | |
| Corrected Glare Indices referring to 515lm Total Luminous Flux | | | | | | | | | | | |

# 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.

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# BEAM MIXER DIFFUSER

ARKOSLIGHT®

| | PRODUCT |
|---|---|
| Model | Beam Mixer Diffuser |
| Reference | 08050100 |
| Category | Accessories |

NOT SOLD SEPARATELY.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.

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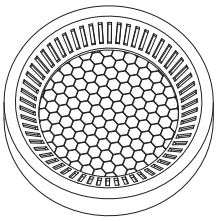
# ANTI-GLARE HONEYCOMB LOUVER

ARKOSLIGHT®



| | PRODUCT |
|---|---|
| Model | Anti-glare Honeycomb Louver |
| Reference | 08070000NT |
| Colour | **NT** ■ \| Textured black |
| Category | Accessories |

NOT SOLD SEPARATELY.

Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

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# ECODESIGN AND ENERGY LABELLING

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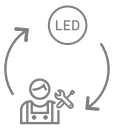



Fuente de luz (LED) reemplazable por un profesional autorizado

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

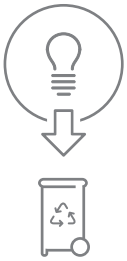
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

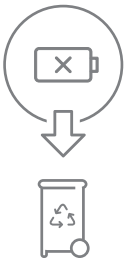
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

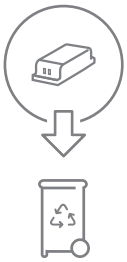
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

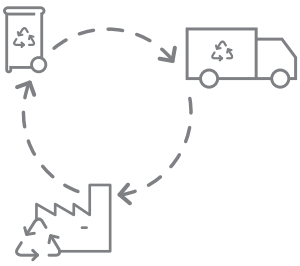


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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