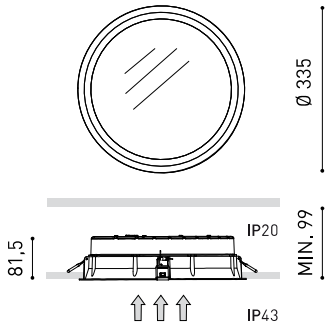
# Deep

ARKOSLIGHT

## Dimensions




| PRODUCT | |
|---|---|
| Name | DEEP MAXI 4 DIM PUSH 3000K NT |
| Reference | A2480421NT |
| Colour | Textured black |
| RAL | 9005 |
| Category | CEILING RECESSED |

| LIGHT SOURCE | |
|---|---|
| Type | LED |
| Gross luminous flux | 4700 lm |
| Colour temperature | 3000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 31 W |
| Current | 700 mA |
| Efficacy | 152 lm/W |
| LED lifespan | L80B10 >60.000h |
| Energy efficiency class | D |

| LIGHTING FIXTURE \| PHOTOMETRIC DATA | |
|---|---|
| Lighting efficiency | 85% |
| Light beam angle | 99° |

| LIGHTING FIXTURE \| ELECTRICAL DATA | |
|---|---|
| Driver | Included - Connected |
| Power values of the system | 35,15 W |
| Frequency | 50/60 Hz |
| Dimming | Push |
| Electrical insulation class | □ |

| OTHER DATA | |
|---|---|
| Sealing | IP43 |
| Wireless control | Please Consult |
| Emergency power supply | Please Consult |
| Impact resistance | IK07 |
| Recess measurements | Ø320 mm |
| Weight | 2010 g |
| Packaged weight | 2455,9 g |
| Packaging dimensions | 420 x 370 x 105 mm |
| Units per package | 1 |
| Materials | Aluminium / Polymethyl Methacrylate |

Deep is a LED downlight for general lighting functions whose main feature is its attractive aspect, with the diffuser considerably set back with respect to the plane of the perimeter frame.

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# Lighting technical data

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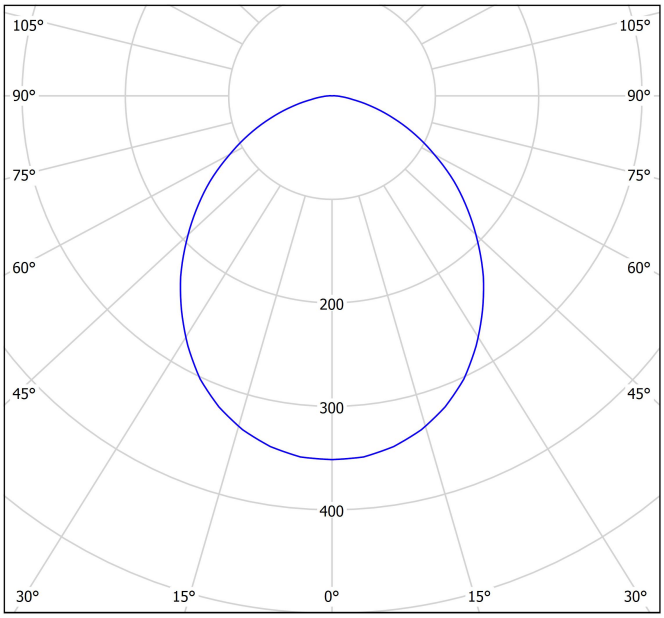
## Polar diagram

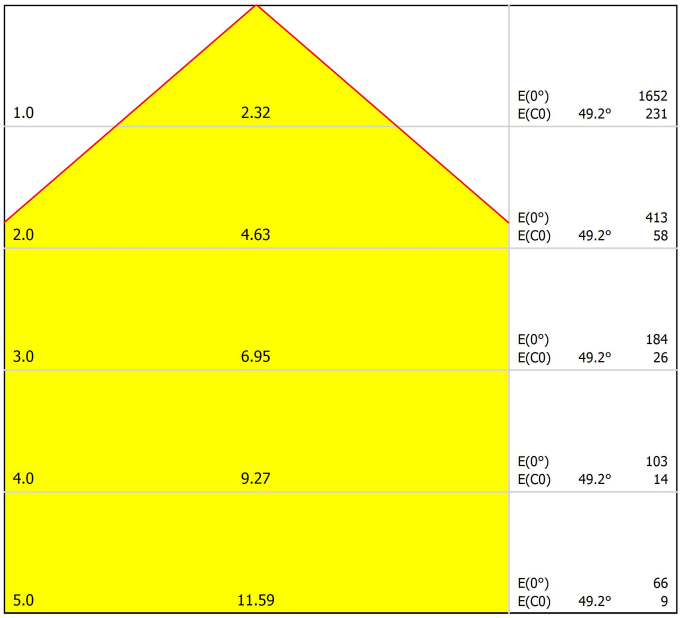



cd/klm

η = 85%

C0 - C180 C90 - C270

## Conical diagram




Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 98.4°)

## 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 | 22.2 | 23.4 | 22.5 | 23.7 | 23.9 | 22.2 | 23.4 | 22.5 | 23.7 | 23.9 |
| | 3H | 23.6 | 24.7 | 23.9 | 25.0 | 25.3 | 23.6 | 24.7 | 23.9 | 25.0 | 25.3 |
| | 4H | 24.0 | 25.1 | 24.4 | 25.4 | 25.7 | 24.0 | 25.1 | 24.4 | 25.4 | 25.7 |
| | 6H | 24.3 | 25.3 | 24.7 | 25.6 | 25.9 | 24.3 | 25.3 | 24.7 | 25.6 | 25.9 |
| | 8H | 24.4 | 25.3 | 24.7 | 25.6 | 25.9 | 24.4 | 25.3 | 24.7 | 25.6 | 25.9 |
| | 12H | 24.4 | 25.3 | 24.8 | 25.6 | 26.0 | 24.4 | 25.3 | 24.8 | 25.6 | 26.0 |
| 4H | 2H | 22.7 | 23.7 | 23.0 | 24.0 | 24.3 | 22.7 | 23.7 | 23.0 | 24.0 | 24.3 |
| | 3H | 24.3 | 25.2 | 24.6 | 25.5 | 25.8 | 24.3 | 25.2 | 24.6 | 25.5 | 25.8 |
| | 4H | 24.8 | 25.6 | 25.2 | 26.0 | 26.3 | 24.8 | 25.6 | 25.2 | 26.0 | 26.3 |
| | 6H | 25.2 | 25.9 | 25.6 | 26.3 | 26.6 | 25.2 | 25.9 | 25.6 | 26.3 | 26.6 |
| | 8H | 25.3 | 25.9 | 25.7 | 26.3 | 26.7 | 25.3 | 25.9 | 25.7 | 26.3 | 26.7 |
| | 12H | 25.4 | 25.9 | 25.8 | 26.4 | 26.8 | 25.4 | 25.9 | 25.8 | 26.4 | 26.8 |
| 8H | 4H | 25.0 | 25.7 | 25.5 | 26.1 | 26.5 | 25.0 | 25.7 | 25.5 | 26.1 | 26.5 |
| | 6H | 25.5 | 26.0 | 25.9 | 26.4 | 26.9 | 25.5 | 26.0 | 25.9 | 26.4 | 26.9 |
| | 8H | 25.6 | 26.1 | 26.1 | 26.5 | 27.0 | 25.6 | 26.1 | 26.1 | 26.5 | 27.0 |
| | 12H | 25.8 | 26.2 | 26.3 | 26.6 | 27.1 | 25.8 | 26.2 | 26.3 | 26.6 | 27.1 |
| 12H | 4H | 25.0 | 25.6 | 25.5 | 26.0 | 26.4 | 25.0 | 25.6 | 25.5 | 26.0 | 26.4 |
| | 6H | 25.5 | 25.9 | 26.0 | 26.4 | 26.9 | 25.5 | 25.9 | 26.0 | 26.4 | 26.9 |
| | 8H | 25.7 | 26.1 | 26.2 | 26.5 | 27.0 | 25.7 | 26.1 | 26.2 | 26.5 | 27.0 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H<br>S = 1.5H<br>S = 2.0H | +0.2 / -0.2<br>+0.3 / -0.6<br>+0.6 / -1.0 | +0.2 / -0.2<br>+0.3 / -0.6<br>+0.6 / -1.0 |
| Standard table | BK04 | BK04 |
| Correction Summand | 2.2 | 2.2 |

Corrected Glare Indices referring to 4700lm Total Luminous Flux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# Ecodesign and Energy Labelling

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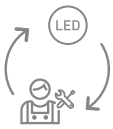



Fuente de luz (LED) reemplazable por un profesional autorizado

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

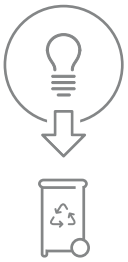
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

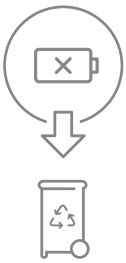
Auswechselbares Betriebsgerät durch autorisierten Fachmann

## Instrucciones para el final de vida y la eliminación 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:

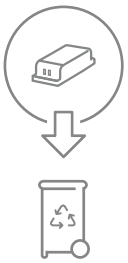
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

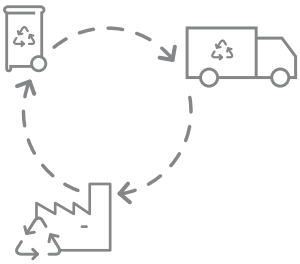


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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