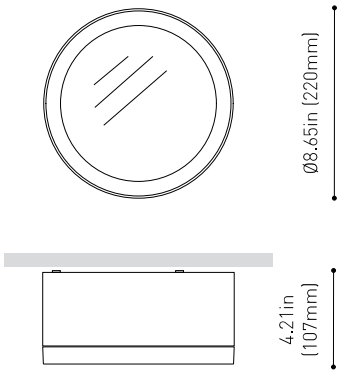
# Stram Surface

ARKOSLIGHT



## Dimensions




| PRODUCT | |
|---|---|
| Name | STRAM SURFACE 2 UL 2700K WT |
| Reference | U2460210WT |
| Color | Textured white |
| RAL | 9016 |
| Category | SURFACE |

| LIGHT SOURCE | |
|---|---|
| Type | LED |
| Gross luminous flux | 2800 Lm |
| Color temperature | 2700 K |
| Chromatic stability | MacAdam Step 2 |
| Color Rendering Index | CRI>90 |
| Power | 22 W |
| Current | 700 mA |
| Efficacy | 127 Lm/W |
| LED lifespan | L80B10>60.000h |

| LIGHTING FIXTURE \| PHOTOMETRIC DATA | |
|---|---|
| Lighting efficiency | 87% |
| Delivered luminous flux | 2436 Lm |
| Light beam angle | 99° |

| LIGHTING FIXTURE \| ELECTRICAL DATA | |
|---|---|
| Driver | Included: ERP-PSB series or similar |
| Power values of the system | 25 W |
| Frequency | 50/60 Hz |
| Dimming | 0-10V / TRIAC/ELV dimming only at 120V |

| OTHER DATA | |
|---|---|
| Environmental location | DAMP |
| Diffuser included | Prismatic diffuser, please consult |
| Weight | 3.63 lb \| 1644 gr |
| Packaged weight | 4.06 lb \| 1844 gr |
| Packaging dimensions | 11.02 x 10.24 x 4.53 in \| 280 x 260 x 115 mm |
| Materials | Aluminium - Polymethyl Methacrylate |

Intertek

Stram Surface is the surface downlight that conserves the aesthetics and lighting effects of Stram in spaces where it is impossible to recess in the ceiling. The distinctiveness of its bezel, along with a serene, impeccable presence, in a luminary that can offer high luminous fluxes on a par with its minimalist beauty and elegance. ** NOTE: Prepared to be mounted in an octogonal junction box

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

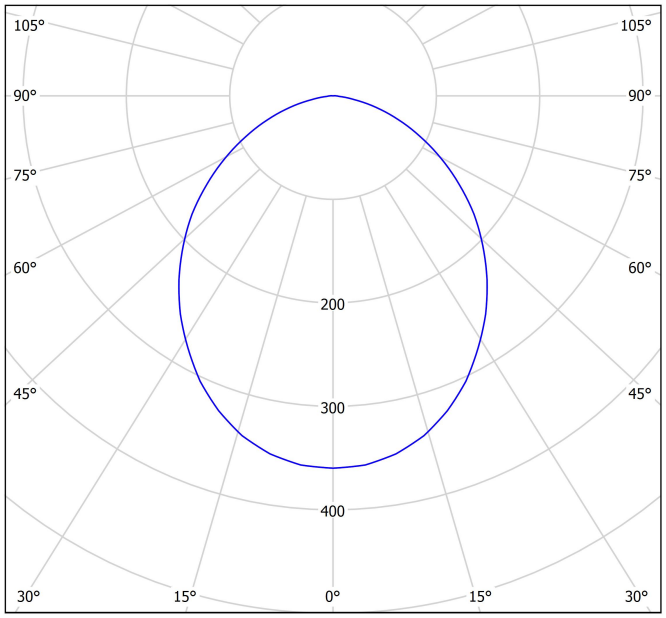


5 Year GUARANTEE

# Lighting Technical Data

ARKOSLIGHT

## Polar diagram

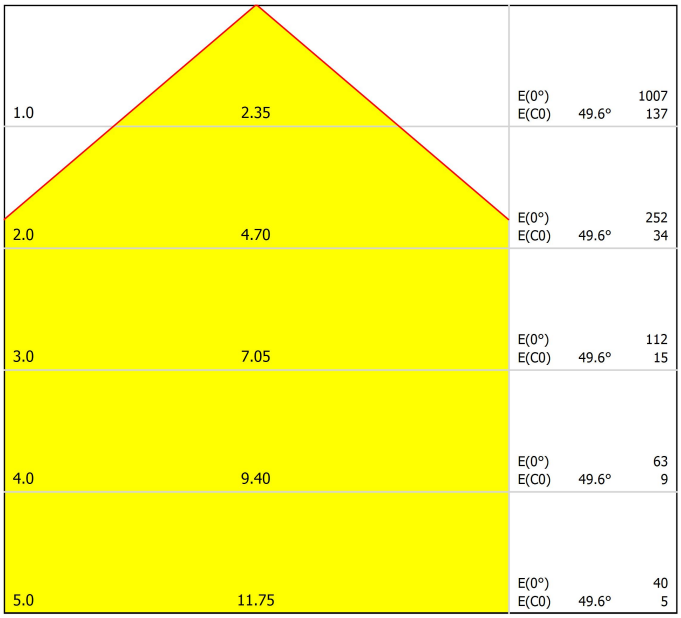



cd/klm

η = 87%

C0 - C180 C90 - C270

## Conical diagram




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

C0 - C180 (Half-value Angle: 99.2°)

## 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 | 22.3 | 23.5 | 22.6 | 23.8 | 24.0 | 22.3 | 23.5 | 22.6 | 23.8 | 24.0 |
| | 3H | 23.8 | 24.9 | 24.1 | 25.1 | 25.4 | 23.8 | 24.9 | 24.1 | 25.1 | 25.4 |
| | 4H | 24.2 | 25.3 | 24.6 | 25.6 | 25.9 | 24.2 | 25.3 | 24.6 | 25.6 | 25.9 |
| | 6H | 24.5 | 25.5 | 24.8 | 25.8 | 26.1 | 24.5 | 25.5 | 24.8 | 25.8 | 26.1 |
| | 8H | 24.5 | 25.5 | 24.9 | 25.8 | 26.1 | 24.5 | 25.5 | 24.9 | 25.8 | 26.1 |
| | 12H | 24.5 | 25.4 | 24.9 | 25.8 | 26.1 | 24.5 | 25.4 | 24.9 | 25.8 | 26.1 |
| 4H | 2H | 22.8 | 23.8 | 23.1 | 24.1 | 24.4 | 22.8 | 23.8 | 23.1 | 24.1 | 24.4 |
| | 3H | 24.4 | 25.3 | 24.8 | 25.7 | 26.0 | 24.4 | 25.3 | 24.8 | 25.7 | 26.0 |
| | 4H | 25.0 | 25.8 | 25.4 | 26.2 | 26.5 | 25.0 | 25.8 | 25.4 | 26.2 | 26.5 |
| | 6H | 25.4 | 26.1 | 25.8 | 26.5 | 26.8 | 25.4 | 26.1 | 25.8 | 26.5 | 26.8 |
| | 8H | 25.5 | 26.1 | 25.9 | 26.5 | 26.9 | 25.5 | 26.1 | 25.9 | 26.5 | 26.9 |
| | 12H | 25.5 | 26.1 | 25.9 | 26.5 | 26.9 | 25.5 | 26.1 | 25.9 | 26.5 | 26.9 |
| 8H | 4H | 25.2 | 25.9 | 25.7 | 26.3 | 26.7 | 25.2 | 25.9 | 25.7 | 26.3 | 26.7 |
| | 6H | 25.7 | 26.2 | 26.1 | 26.6 | 27.1 | 25.7 | 26.2 | 26.1 | 26.6 | 27.1 |
| | 8H | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 |
| | 12H | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 |
| 12H | 4H | 25.2 | 25.8 | 25.7 | 26.2 | 26.7 | 25.2 | 25.8 | 25.7 | 26.2 | 26.7 |
| | 6H | 25.7 | 26.1 | 26.2 | 26.6 | 27.1 | 25.7 | 26.1 | 26.2 | 26.6 | 27.1 |
| | 8H | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 | 25.8 | 26.2 | 26.3 | 26.7 | 27.2 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H<br>S = 1.5H<br>S = 2.0H | +0.1 / -0.2<br>+0.3 / -0.5<br>+0.6 / -1.0 | +0.1 / -0.2<br>+0.3 / -0.5<br>+0.6 / -1.0 |
| Standard table | BK04 | BK04 |
| Correction Summand | 4.2 | 4.2 |

Corrected Glare Indices referring to 2800lm Total Luminous Flux


Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com




5 Year GUARANTEE