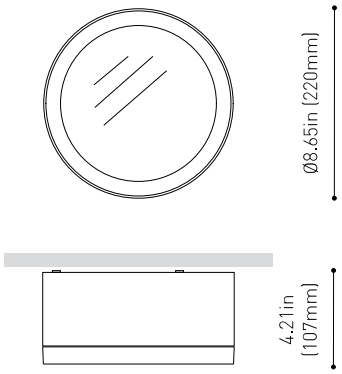
Stram Surface

ARKOSLIGHT



Dimensions



PRODUCT	
Name	STRAM SURFACE 1 UL 4000K NT
Reference	U2460112NT
Color	Textured black
RAL	9005
Category	SURFACE

LIGHT SOURCE	
Type	LED
Gross luminous flux	1885 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	12 W
Current	400 mA
Efficacy	157 Lm/W
LED lifespan	L80B10>60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA	
Lighting efficiency	87%
Delivered luminous flux	1640 Lm
Light beam angle	99°

LIGHTING FIXTURE | ELECTRICAL DATA	
Driver	Included: ERP-PSB series or similar
Power values of the system	14 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

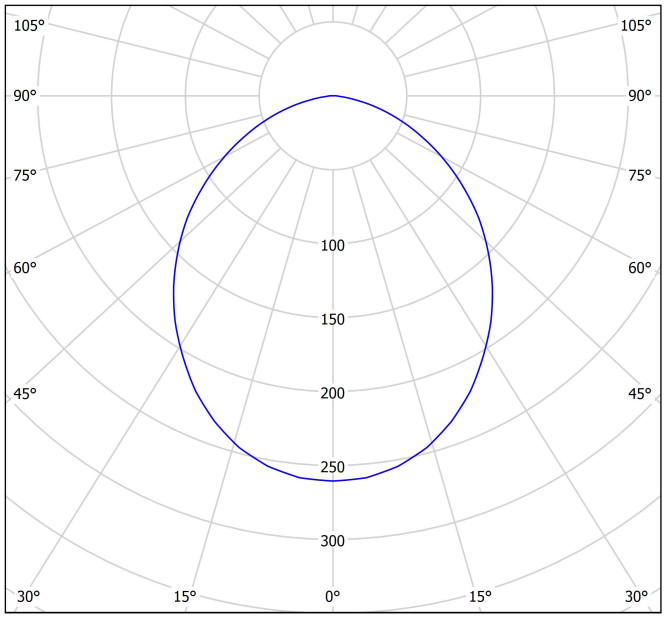
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

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Lighting Technical Data

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Polar diagram

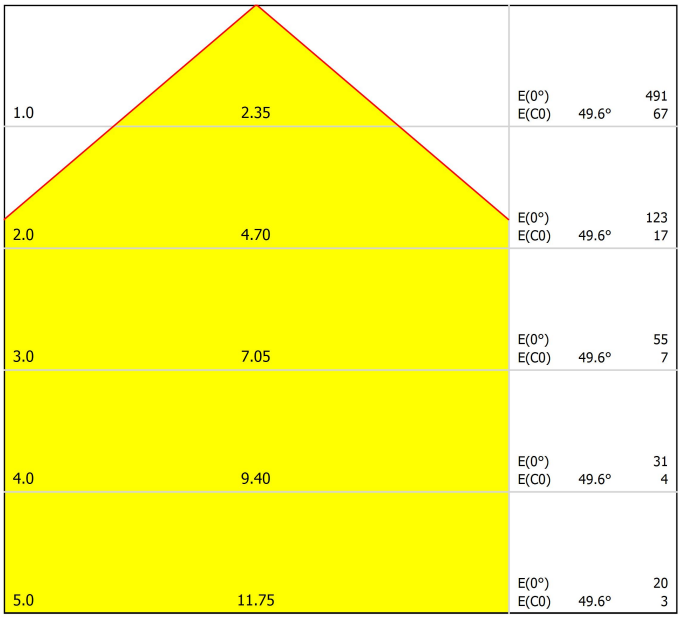


cd/klm

η = 63%

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	20.9	22.2	21.2	22.4	22.6	20.9	22.2	21.2	22.4	22.6
	3H	22.4	23.5	22.7	23.8	24.0	22.4	23.5	22.7	23.8	24.0
	4H	22.9	23.9	23.2	24.2	24.5	22.9	23.9	23.2	24.2	24.5
	6H	23.1	24.1	23.5	24.4	24.7	23.1	24.1	23.5	24.4	24.7
	8H	23.2	24.1	23.5	24.4	24.7	23.2	24.1	23.5	24.4	24.7
	12H	23.2	24.1	23.5	24.4	24.7	23.2	24.1	23.5	24.4	24.7
4H	2H	21.4	22.5	21.7	22.7	23.0	21.4	22.5	21.7	22.7	23.0
	3H	23.1	24.0	23.4	24.3	24.6	23.1	24.0	23.4	24.3	24.6
	4H	23.7	24.5	24.1	24.8	25.2	23.7	24.5	24.1	24.8	25.2
	6H	24.0	24.7	24.4	25.1	25.5	24.0	24.7	24.4	25.1	25.5
	8H	24.1	24.7	24.5	25.1	25.5	24.1	24.7	24.5	25.1	25.5
	12H	24.1	24.7	24.6	25.1	25.5	24.1	24.7	24.6	25.1	25.5
8H	4H	23.9	24.5	24.3	24.9	25.3	23.9	24.5	24.3	24.9	25.3
	6H	24.3	24.8	24.8	25.2	25.7	24.3	24.8	24.8	25.2	25.7
	8H	24.4	24.9	24.9	25.3	25.8	24.4	24.9	24.9	25.3	25.8
	12H	24.5	24.9	25.0	25.3	25.8	24.5	24.9	25.0	25.3	25.8
12H	4H	23.9	24.4	24.3	24.8	25.3	23.9	24.4	24.3	24.8	25.3
	6H	24.3	24.8	24.8	25.2	25.7	24.3	24.8	24.8	25.2	25.7
	8H	24.5	24.8	24.9	25.3	25.8	24.5	24.8	24.9	25.3	25.8

Variation of the observer position for the luminaire distances S

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

Corrected Glare Indices referring to 1885lm Total Luminous Flux

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