

AREUM SUSPENDED 1200 D/I 4000K DALI ALU
0042951



Features

• AREUM SUSPENDED 1200 D/I 4000K DALI ALU is a highly efficient suspended LED luminaire with 70% direct and 30% indirect light distribution. Ultra thin (17mm) aluminium body with rounded edges. Length 1200mm, width 300mm. White aluminium RAL9006 powder coated luminaire body, powder coated steel surface gearbox and Y-shape power feeded suspension cables. Low flicker (<5%) DALI dimmable driver. Luminous flux: 5150lm, Power consumption: 40W. Luminaire efficacy: 129lm/W. CRI (Ra)>80 4000K (Neutral White) LED, chromaticity tolerance: SDCM<3. Lifespan: L80B10 57,000h. UGR<19, Luminance at 65°<3000 cd/m2. Photobiological safety risk group 0. Electrical protection: Class I. Glow Wire Test 650°C.

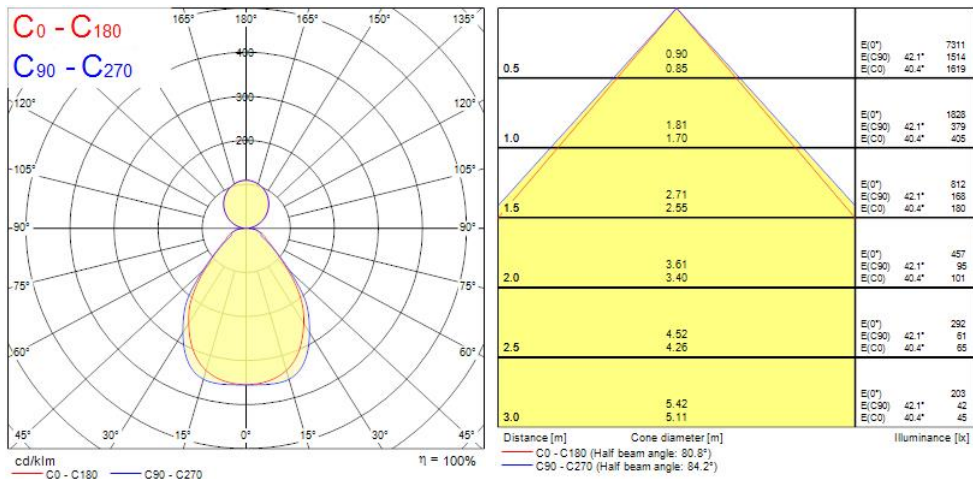
Product Overview

Product name	AREUM SUSPENDED 1200 D/I 4000K DALI ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Suspended
General application	Office
ETIM Class	EC001743
E-number FI	4279357
Fixture luminous flux (lm)	5150
Luminaire efficacy (lm/W)	129
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	84
Glare control	< 19

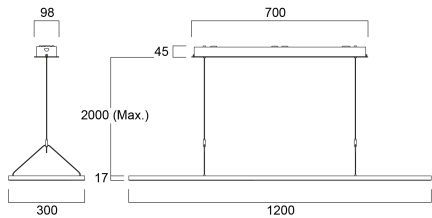
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Photobiological Risk Group	RG0
Total power consumption (W)	40
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9006
IP rating	IP20
IK rating	IK03
Product EAN number	5410288429519
Warranty	5 years
Dimming method	DALI-2

Photometry



Technical drawings



AREUM SUSPENDED 1200 D/I 4000K DALI ALU 0042951

Data table

GENERAL DATA

Product name	AREUM SUSPENDED 1200 D/I 4000K DALI ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Suspended
General application	Office
Operating temperature range (°C)	5°C...+35°C
ETIM Class	EC001743
E-number FI	4279357
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	5150
Luminaire efficacy (lm/W)	129
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	84
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	40
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20.0

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Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	1050
Inrush Current (A)	80
Inrush Duration (µs)	350
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	25
Max. products per 16A C Breaker	35
Max. products per 16A B Breaker	35
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B10	57000

PHYSICAL DATA

Housing colour	RAL9006
IP rating	IP20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Reflector finish	Not Applicable
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	300
Nominal Product Height (mm)	17
Weight (kg)	4.64

PACKAGING



AREUM SUSPENDED 1200 D/I 4000K DALI ALU
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Product EAN number	5410288429519
Packaging single length / height (cm)	125.0
Packaging single width (cm)	45.5
Packaging single depth (cm)	6.0
DUN14 (inner)	15410288429516
Units per outer package	4
Packaging outer length / height (cm)	126.5
Packaging outer width (cm)	47.0
Packaging outer depth (cm)	26.5

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No