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AREUM FLOOR 14KLM 4000K ALU
0042970

Features

• AREUM FLOOR 14KLM 4000K ALU is a highly efficient free-standing floor lamp providing optimal illumination for single and twin workstations. 75% uplight and 25% downlight ratio for ambient and task lighting from a single luminaire. Direct light is emitted through a microprismatic PMMA diffuser for advanced glare control, the indirect light is radiated through a transparent plastic diffuser. White aluminium RAL9006 powder coated luminaire body. Aluminium head and pole for high-quality appearance, steel stand for high stability and space-saving positioning with office furniture. Luminaire dimensions: Head: 675x350x40mm, Stand: 500x400x16mm, Pole: 50x40x1950mm. Operated and dimmed with a push button located in the pole at a height suitable to be used with adjustable height desks. Up and downlight dims separately. CRi (Ra)>80 4000K (Neutral White) LED, chromaticity tolerance: SDCM<3. Luminous flux: 13,700lm. Power consumption 94W. Luminaire efficacy: 146lm/W. Lifespan: L80B10 55,000h. UGR<16, Luminance at 65°<3000 cd/m2. IK02, IP20. Photobiological safety risk group 0. Electrical protection: Class I. Glow wire test: 650°C. Supplied with 2.5m cable with DIN 49441-R2 plug.
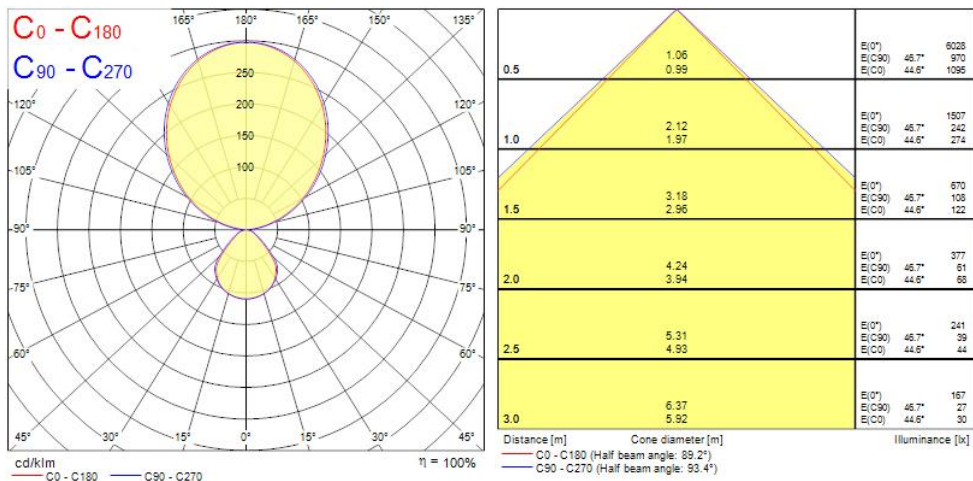
Product Overview

Product name	AREUM FLOOR 14KLM 4000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Floor standing
General application	Office
ETIM Class	EC000300

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E-number FI	4279527
Fixture luminous flux (lm)	13700
Luminaire efficacy (lm/W)	146
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	360
Glare control	< 14
Photobiological Risk Group	RG0
Total power consumption (W)	94
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9006
IP rating	IP20
IK rating	IK02
Product EAN number	5410288429700
Warranty	5 years
Dimming method	0-10V

Photometry

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Technical drawings

675   350

2000

500   400
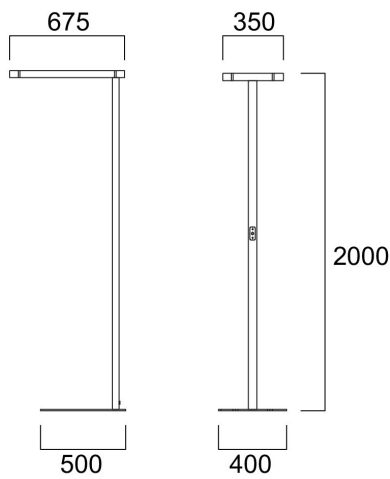
Data table

GENERAL DATA

Product name	AREUM FLOOR 14KLM 4000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Floor standing
General application	Office
Operating temperature range (°C)	5°C...+35°C
ETIM Class	EC000300
E-number FI	4279527
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	13700
Luminaire efficacy (lm/W)	146
Correlated colour temperature (k)	4000
Light colour	Neutral White

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AREUM FLOOR 14KLM 4000K ALU
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CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	360
Distribution type	Symmetric
Glare control	< 14
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	94
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) $\leq$ xx.x %	15.0
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	0-10V
Drive current (mA)	1800
Inrush Current (A)	60
Inrush Duration (μs)	300
Energy Efficiency Class (A->G) of contained light source	C, B(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	15
Max. products per 16A C Breaker	24
Max. products per 16A B Breaker	24
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B10	55000

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PHYSICAL DATA

Housing colour	RAL9006
IP rating	IP20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Reflector finish	Not Applicable
Nominal Product Length (mm)	675
Nominal Product Width (mm)	350
Nominal Product Height (mm)	2000
Weight (kg)	20.6

PACKAGING

Product EAN number	5410288429700
Packaging single length / height (cm)	212.5
Packaging single width (cm)	44.5
Packaging single depth (cm)	10.0
DUN14 (inner)	05410288429700
Units per outer package	1
Packaging outer length / height (cm)	212.5
Packaging outer width (cm)	44.5
Packaging outer depth (cm)	10.0

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

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