# SYLVANIA

# AREUM FLOOR 14KLM 4000K WHITE
## 0042972

## Features

• AREUM FLOOR 14KLM 4000K WHITE 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 RAL9016 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.
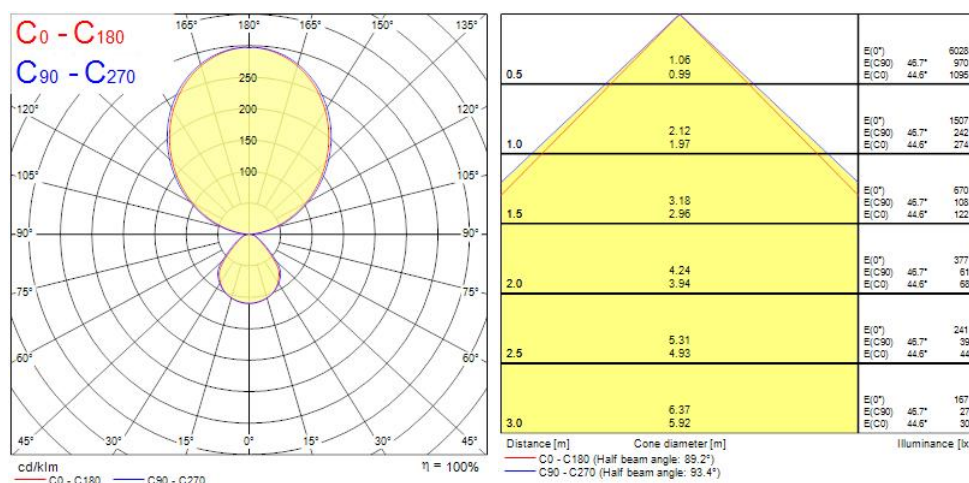
## Product Overview

| Product name | AREUM FLOOR 14KLM 4000K WHITE |
|---|---|
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Aluminium, Steel |
| Mount | Floor standing |
| General application | Office |
| ETIM Class | EC000300 |
| E-number FI | 4279531 |

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| | |
|---|---|
| **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** | RAL9016 |
| **IP rating** | IP20 |
| **IK rating** | IK02 |
| **Product EAN number** | 5410288429724 |
| **Warranty** | 5 years |
| **Dimming method** | 0-10V |

## Photometry

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## Technical drawings
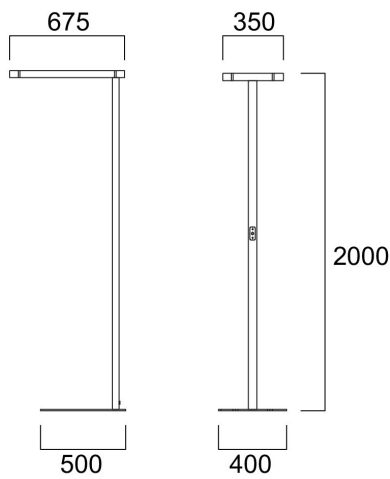


## Data table

### GENERAL DATA

| | |
|---|---|
| **Product name** | AREUM FLOOR 14KLM 4000K WHITE |
| **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** | 4279531 |
| **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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| | |
|---|---|
| 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** | RAL9016 |
| **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** | 5410288429724 |
| **Packaging single length / height (cm)** | 212.5 |
| **Packaging single width (cm)** | 44.5 |
| **Packaging single depth (cm)** | 10.0 |
| **DUN14 (inner)** | 05410288429724 |
| **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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