

# AREUM FLOOR 14KLM 4000K PIR ALU

Code article 0042971

**SYLVANIA**

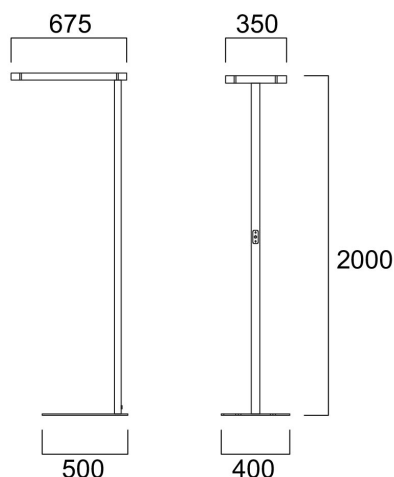
**PRO**<sup>TM</sup>



AREUM FLOOR 14KLM 4000K PIR 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. Equipped with intelligent Tridonic presence control and brightness sensors. Up and downlight dims separately. CRI (Ra)>80 4000K (Neutral White) LED, chromaticity tolerance: SDCM<3. Luminous flux: 13,700lm. Power consumption 92W. Luminaire efficacy: 149lm/W. Lifespan: L80B10 55,000h. UGR<16, Luminance at 65°<3000 cd/m<sup>2</sup>. 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.

## Atouts techniques

### Dimensions (mm)



### Photométrie

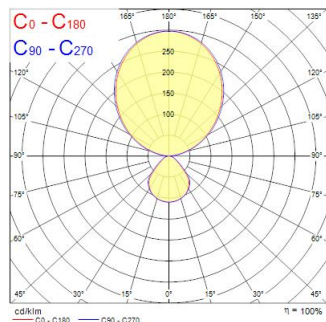
| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Luminance [cd/m <sup>2</sup> ] |
|--------------|-------------------|----------------|-------------------|--------------------|--------------------|--------------------------------|
| 0.5          | 1.06              | 68.7°          | 1.06              | 3.48               | 13.9               | 1038                           |
| 1.0          | 2.12              | 68.7°          | 2.12              | 6.96               | 27.8               | 259                            |
| 1.5          | 3.18              | 68.7°          | 3.18              | 10.44              | 41.7               | 173                            |
| 2.0          | 4.24              | 68.7°          | 4.24              | 13.91              | 55.2               | 104                            |
| 2.5          | 5.31              | 68.7°          | 5.31              | 17.38              | 68.7               | 83                             |
| 3.0          | 6.37              | 68.7°          | 6.37              | 20.85              | 82.2               | 71                             |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 89.2°)  
C90 - C270 (Half beam angle: 90.4°)

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## Données générales

|                                  |                                 |
|----------------------------------|---------------------------------|
| Nom du produit                   | AREUM FLOOR 14KLM 4000K PIR ALU |
| Technologie                      | LED                             |
| Cap/Base                         | N/A                             |
| Housing                          | Aluminium, Steel                |
| Montage                          | Floor standing                  |
| Built in presence detector       | PIR                             |
| General application              | Office                          |
| Operating temperature range (°C) | 5°C...+35°C                     |
| Virtual assistant compatibility  | N/A                             |
| ETIM Class                       | EC000300                        |
| Numéro virtuel FI                | 4279529                         |
| Warranty                         | 5 ans                           |

## Données optiques

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 13700         |
| Luminaire efficacy (lm/W)       | 149           |
| Température de couleur (K)      | 4000          |
| Couleur de lumière              | Neutral White |
| IRC (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 360           |
| Distribution type               | Symmetric     |
| Glare control                   | < 16          |
| Photobiological Risk Group      | RG0           |

## Caractéristiques électriques

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Emergency type                                                   |                                |
| Consommation électrique totale (W)                               | 92                             |
| Primary Supply/Product voltage - min (V)                         | 220.0                          |
| Primary Supply/Product voltage - max (V)                         | 240.0                          |
| Lamp power factor                                                | 0.98                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                             |
| Electrical protection                                            | Class I                        |
| Control gear required                                            | No                             |
| Type d'appareillage                                              | LED driver constant current    |
| Dimmable                                                         | Yes                            |
| Dimming method                                                   | DALI-2                         |
| Minimum dimming level (%)                                        | 1                              |
| Drive current (mA)                                               | 1800                           |
| Courant d'appel (A)                                              | 34                             |
| Inrush Duration (µs)                                             | 193                            |
| Energy Efficiency Class (A->G) of contained light source         | C, B(more than 1 Light Source) |
| Nominal Frequency (Hz)                                           | 50/60Hz                        |
| LED Flickering Rate                                              | Ultra low (5% or less)         |
| Max. products per 10A C Breaker                                  | 15                             |
| Max. products per 16A C Breaker                                  | 24                             |
| Max. products per 16A B Breaker                                  | 24                             |

## Durée de vie

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B10 | 55000  |

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## Données physiques

|                             |                      |
|-----------------------------|----------------------|
| Housing colour              | RAL 9006 - Aluminium |
| IP rating                   | IP20                 |
| IK rating                   | IK02                 |
| Diffuser finish             | Diffuse              |
| Diffuser material           | PS Polystyrene       |
| Finition réflecteur         | Not Applicable       |
| Longueur (mm)               | 675                  |
| Largeur (mm)                | 350                  |
| Nominal Product Height (mm) | 2000                 |
| Poids (kg)                  | 20.6                 |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288429717  |
| Longueur simple de l'emballage (cm)  | 212.5          |
| Largeur simple de l'emballage (cm)   | 44.5           |
| Packaging single depth (cm)          | 10.0           |
| DUN14 (inner)                        | 05410288429717 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 212.5          |
| Packaging outer width (cm)           | 44.5           |
| Packaging outer depth (cm)           | 10.0           |

## Sécurité

|                                           |      |
|-------------------------------------------|------|
| Glow Wire Test (°C)                       | 650  |
| Condition de fonctionnement optimal (° C) | 5-35 |