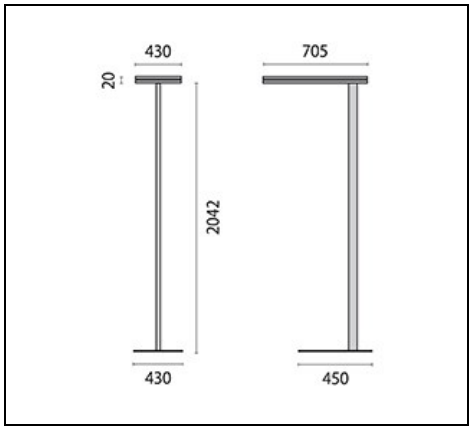
# SL720SL L D+ LED MICROPRISMA

## Part number 3101686



### Description

Free-standing (SL) LED luminaire for indoor, comprising:
- Steel sheet head, extruded aluminium profile post, steel sheet base, polyester powder coat finish
- Angle of the lamp head adjustable using a set screw
- Practical U-shaped base enables luminaire to be positioned flexibly and flush to a writing desk
- Micro-prismatic diffuser for efficient light distribution, glare reduction and high uniformity (MP)
- Direct / indirect light distribution
- Colour tolerance according to MacAdam ≤ 3 SDCM
- The direct light section is increased, dimmable, with CCT 4000K
- Complete with flexible power cord with plug
- DALI dimmable
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- Light colour and brightness of indirect light share manually adjustable via Tunable White control system
- Light colour and brightness of indirect light share automatically adjustable via HCL (Human Centric Lighting) for wholesome and performance-enhancing management of the biorhythm
- 3000K (CCT) versions available. Consult factory
- Special colour versions available. Consult factory
- For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)

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## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC000300 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 18200 | **Luminaire lumen output [lm]:** | 16020 |
| **Luminaire wattage [W]:** | 131 W | **Luminous efficacy [lm/W]:** | 122 |
| **CRI:** | 80 | **Colour temperature [K]:** | 4000 |
| **Colour / Finishing:** | WH-RAL9016 / White RAL9016 / Textured | **IP degree of protection:** | IP20 |
| **Impact resistance / impact energy:** | IK05 0.7J xx3 | **Protection class:** | I |
| **Optic:** | S/C - Symmetric direct-indirect | **Beam angle:** | 2 x 46°/45° |
| **Net weight [kg]:** | 16.562 | **Overall length [mm]:** | 430 |
| **Overall width [mm]:** | 705 | **Overall height [mm]:** | 2042 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Rectangular | **Housing material:** | Aluminium |
| **Diffuser material:** | Plastic | **Glow wire test [°C]:** | 650 °C |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 220-240V 50/60Hz | **Power factor / COS Φ:** | 0.9 |
| **Input voltage [V DC]:** | 186/250 | **Surge protection \| Common [kV]:** | 4.000000 |
| **Inrush current [A/µs]:** | 5 / 760 | **C10 1.5 mm²:** | 16 |
| **C16 2.5 mm²:** | 27 | **B10 1.5 mm²:** | 10 |
| **B16 2.5 mm²:** | 16 | **EEI:** | A1 |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | Free standing |
| **Min. ambient temperature [°C]:** | 10 | **Max. ambient temperature [°C]:** | 40 |

## Light features

| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@50000h |
| **Distribution of light emission:** | Direct/Indirect | **DFF - Downward Flux Fraction [%]:** | 22 |
| **UFF - Upward Flux Fraction [%]:** | 78 | **UGR max.:** | 12.0 |

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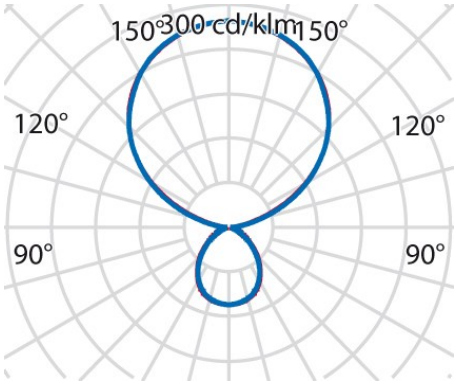
## Photometric data

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