## Product features and key data

| | |
|---|---|
| **Luminaire type** | Exclusive LED free-standing luminaire with direct and indirect luminous flux components. |
| **Mounting method** | Positioning |
| **Luminaire optic** | With its wide, slightly asymmetric light distribution, the direct component of the luminaire provides very uniform illumination of the desk surface. The indirect component with Lambertian light distribution provides optimum room illumination. |
| **Connected load** | 104 W |
| **Colour temperature** | 4.000 K |
| **Rated luminous flux** | 15.200 lm |
| **Luminous efficacy** | 146 lm/W |
| **Service life** | L80 (25 °C) = 50.000 h |
| **Colour rendering index** | 80 |
| **Colour tolerance** | 3 SDCM |
| **Photobiological class** | Group 1 - no risk |
| **Luminaire colour** | RAL9016 Traffic white |
| **Luminaire body** | Luminaire body made of extruded aluminium profile and die-cast aluminium. U-shaped luminaire base. Lamp head inclination adjustable in longitudinal and transverse direction via two grub screws. |
| **Electrical version** | With electronic control gear unit, dimmable (integrated). |
| **Connection method** | Mains plug |
| **Dimming range** | 1 - 100 % |
| **Mains frequency** | 50/60 Hz |
| **Mains voltage** | 220 - 240 V |
| **Ingress Protection (IP) rating** | IP20 |
| **Protection class** | I |
| **Impact resistance (IK)** | IK02 |
| **Hot wire resistance** | 650 °C |
| **Ambient temperature** | 25 °C |
| **Max. Luminaires B10** | 6 |
| **Max. Luminaires B16** | 10 |
| **Max. Luminaires C10** | 10 |
| **Max. Luminaires C16** | 16 |
| **Net length** | 677 mm |
| **Net width** | 320 mm |
| **Net height** | 2.000 mm |
| **Weight** | 16,9 kg |

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

## light distribution curve
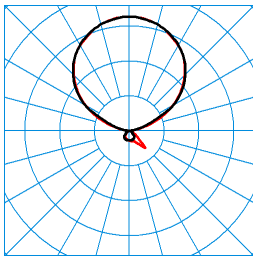


**LuceoS S PAW-IL 150-840 01 +LLWP**
**TX120319**

DIN 5040: E03
UTE: 0,08 D + 0,91 T
CEN Flux Code: 53 86 96 8 100 49 82 98 92

■ C0 - C180
■ C90 - C270

## Available accessories

| Material | Description |
|---|---|
| **LiveLink WP EASYFIT EWSSB** 7508400 | Wireless radio push-button for controlling luminaires with LiveLink Workplace equipment |

## Offer text

Exclusive LED free-standing luminaire with direct and indirect luminous flux components. The free-standing luminaire, thanks to its optical and technical design features, harmonises with suspended and surface-mounted luminaires that might be used together in the project. For standard-compliant illumination of single and double workstations. The wide range of variants of this family of free-standing luminaires with different networking functionality options enables flexible, effective solutions to lighting requirements in any type of office environment. The luminaire is supplied in 4 parts (head, supporting column, base, connection cable). With its wide, slightly asymmetric light distribution, the direct component of the luminaire provides very uniform illumination of the desk surface. The indirect component with Lambertian light distribution provides optimum room illumination. Division of total light distribution (direct/indirect): 10 / 90 %. Glare evaluation (EN 12464-1) according to UGR < 16. VDU workstation-compliant in accordance with 12464-1. Luminaire luminous flux 15200 lm, connected load 104,00 W, luminous efficiency of luminaire 146 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a$ > 80. Mean rated service life L80($t_q$ 25 °C) = 50,000 h. Luminaire body made of extruded aluminium profile and die-cast aluminium. U-shaped luminaire base. Lamp head inclination adjustable in longitudinal and transverse direction via two grub screws. White colour, solvent-free powder-coated, (RAL 9016). Further colours available on request. Luminaire height: 2000 mm, Length / width of base: 500 mm / 320 mm, Length / width of luminaire head: 677 mm x 290 mm, High luminaire head: 23 mm. Supporting column dimensions: 50 mm x 28 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Connection via flexible connection cable 3 x 1 mm $^2$ (safety plug and C14 cold-device socket), length approx. 3000 mm. Alternative connector types available: Connection plug type J SEV, Switzerland, Connection plug type BS, British Standard 1363. With connection cable. With electronic control gear unit, dimmable (integrated). The luminaire features an integrated daylight- and HF presence sensor with motion direction detection. Smart Connect versions of desktop luminaires in a room can be connected via Bluetooth to form an interactive group of luminaires. The initial detection of movement by any luminaire within the group causes all group devices to switch on at basic lighting level (approx. 300 lx, indirect component). Subsequent detection in the close range of a luminaire triggers this into workplace mode by switching on of the direct component. Parameterisation of the Smart Connect functions is password-protected using a smartphone and an app. Operating the lighting functions is implemented manually via 3 operating elements and via Smartphone app. Communication between the connected luminaires and the smartphone is via Bluetooth Low Energy v 5.0. Single luminaires as well as luminaire groups can be controlled with up to 4 battery-free and wireless radio buttons, which are available as separately ordered accessories.