# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

| | |
|---|---|
| **Supplier's name or trade mark:** Lupus | |
| **Supplier's address:** Utveckling, Tallbacksgatan 11R, 19572 Rosersberg, SE | |
| **Model identifier:** LM4-LUP2-40K9 | |

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | 2-pin connector | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | Nej |
| Colour-tuneable light source: | Nej | Envelope: | - |
| High luminance light source: | Ja | | |
| Anti-glare shield: | Nej | Dimmable: | Only with specific dimmers |

**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 8 | Energy efficiency class | F |
| Useful luminous flux ($\phi_{use}$), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 840 in Sphere (360°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 4 000 |
| On-mode power ($P_{on}$), expressed in W | 7,8 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,00 |
| Networked standby power ($P_{net}$) for CLS, expressed in W and rounded to the second decimal | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 90 |
| Outer dimensions | Height | 8 | Spectral power distribution in the | See image in last page |
| | Width | 250 | | |

| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Depth | 12 | range 250 nm to 800 nm, at full-load | |
|---|---|---|---|---|
| Claim of equivalent power[a] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,382 0,380 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | 50 | | Survival factor | 1,00 |
| the lumen maintenance factor | 0,98 | | | |

[a] '-' : not applicable;

[b] '-' : not applicable;

## NORMALIZED SPECTRUM