# Product Information Sheet

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

**Supplier's name or trade mark:** McShine

**Supplier's address:** Vertrieb, Schmalbachstrasse 16, 38112 Braunschweig, DE

**Model identifier:** 1452809

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | other | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |

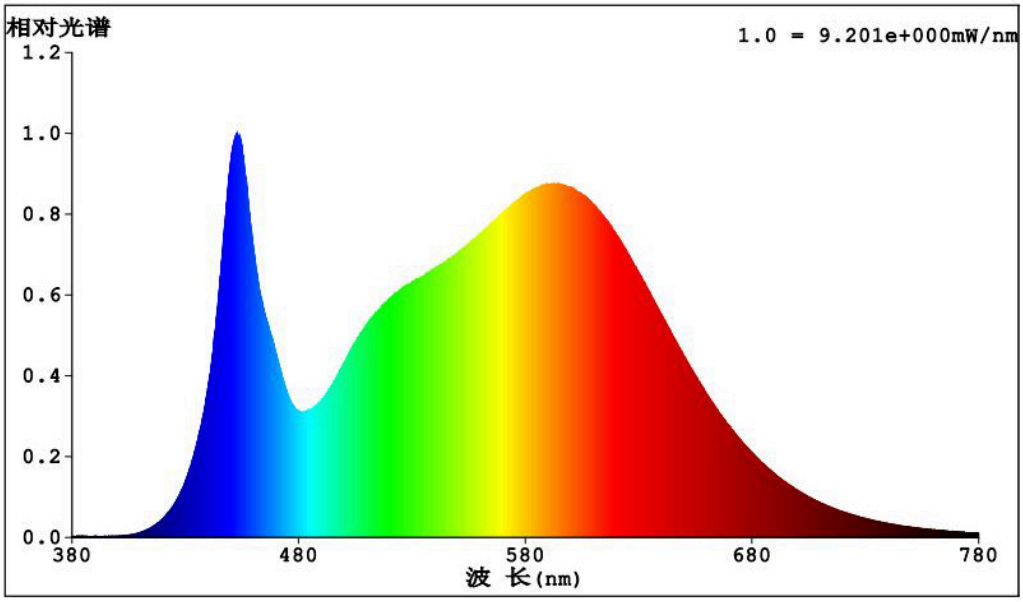
**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 100 | Energy efficiency class | C |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 18 734 in Wide cone (120°) | 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 | 3800...4200 |
| On-mode power ($P_{on}$), expressed in W | 100,0 | 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 | 70 |
| Outer dimensions without separate control gear, lighting control — Height | 117 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Outer dimensions without separate control gear, lighting control — Width | 270 | | |
| Outer dimensions without separate control gear, lighting control — Depth | 270 | | |

| | | | | |
|---|---|---|---|---|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,388<br>0,381 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 17 312 | Beam angle in degrees, or the range of beam angles that can be set | 87 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 5 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,80 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,97 | Colour consistency in McAdam ellipses | 5 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | | -[(b)] | If yes then replacement claim (W) | - |
| Flicker metric (Pst LM) | | 1,0 | Stroboscopic effect metric (SVM) | 0,4 |

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;


相对光谱
1.0 = 9.201e+000mW/nm
1.2
1.0
0.8
0.6
0.4
0.2
0.0
380
480
580
680
780
波 长(nm)