

# 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:** 1453560

## Type of light source:

|                                                     |        |                                 |      |
|-----------------------------------------------------|--------|---------------------------------|------|
| Lighting technology used:                           | LED    | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | andere |                                 |      |
| Mains or non-mains:                                 | NMLS   | 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                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                                    |                         |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         | 5                       | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 450 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 | 4 000                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 4,9                     | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 80                     |
| Outer dimensions without separate control gear, lighting control                                                                                      | Height                  | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width                   |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth                   |                                                                                                                                                            |                        |

|                                                           |   |                                    |                |  |
|-----------------------------------------------------------|---|------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre) |   |                                    |                |  |
| Claim of equivalent power <sup>(a)</sup>                  | - | If yes, equivalent power (W)       | -              |  |
|                                                           |   | Chromaticity coordinates (x and y) | 0,381<br>0,375 |  |
| <b>Parameters for LED and OLED light sources:</b>         |   |                                    |                |  |
| R9 colour rendering index value                           | 6 | Survival factor                    | -              |  |
| the lumen maintenance factor                              | - |                                    |                |  |

(a) : not applicable;

(b) : not applicable;

## LED Test Report

### Product Mark

Product Type :438-4000k-1

Temperature :admin'C

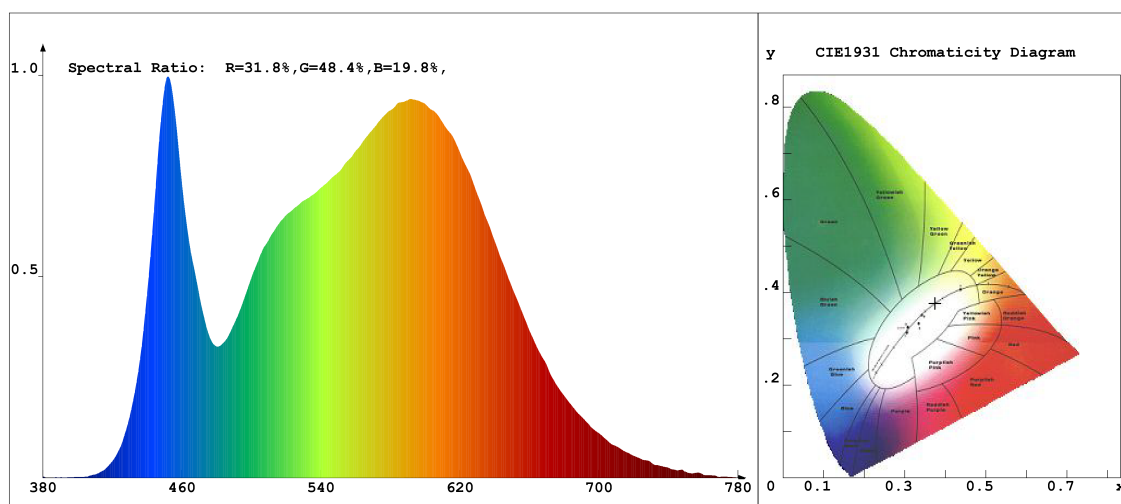
Operator :admin

Remark:

Manufacturer :admin

Humidity :65%

Test Date :2024-04-24 09:29:18



### Chroma Parameters

Chro.Coord.:x=0.3748 y=0.3764 u=0.2216 v=0.3337 duv=0.0015

CCT: 4154K Dominant Wave.:577.6nm Purity:25.4%

Flux RGB Ratio:R=17.8%,G=79.5%,B=2.6% Peak Wave:451.5nm Half Width:27.0nm

### Rendering Index:Ra= 84.0

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =82 | R2 =90 | R3 =96 | R4 =83 | R5 =83 | R6 =87 | R7 =86 | R8 =65 |
| R9 =10 | R10=77 | R11=82 | R12=64 | R13=84 | R14=98 | R15=76 |        |

### Photo Parameters

Flux:516.55lm Effi.:107.8lm/W Radiant:1563.6mW Iv:0.0mcd

Efficiency:0.106 Effi Level:A++ (EU 874-2012)

### Ele. Parameters

Voltage:U=231.400V

Current:I=0.0340A

Power:P=4.79W

Power Factor:PF=0.608

### Instrument state

Instrument:Hopoo HP8000S

Integral Time: 233.701ms

VPeak: 14980

VDark: 1241

Scan Range: 380-780nm

Product ID: 201707330

Model placed on the Union market from 07/06/2024.



**EPREL registration number:** 2000971

<https://eprel.ec.europa.eu/qr/2000971>

**Supplier:** ETT Distribution GmbH (Importer)

**Website:** <https://www.ett-online.de>

**Customer care service:**

**Name:** Vertrieb

**Website:** [www.ett-online.de](http://www.ett-online.de)

**Email:** [service@ett-online.de](mailto:service@ett-online.de)

**Phone:** 0531-581100

**Address:**

Schmalbachstrasse 16  
38112 Braunschweig  
Germany