# Product Information Sheet

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

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

**Supplier's address:** BRUMBERG Leuchten GmbH & Co. KG , BRUMBERG Leuchten GmbH & Co. KG Hellefelder Straße 63 59846 Sundern (Germany) +49 2934 9611-0 info@brumberg.com www.brumberg.com

**Model identifier:** 15203004

**Type of light source:**

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

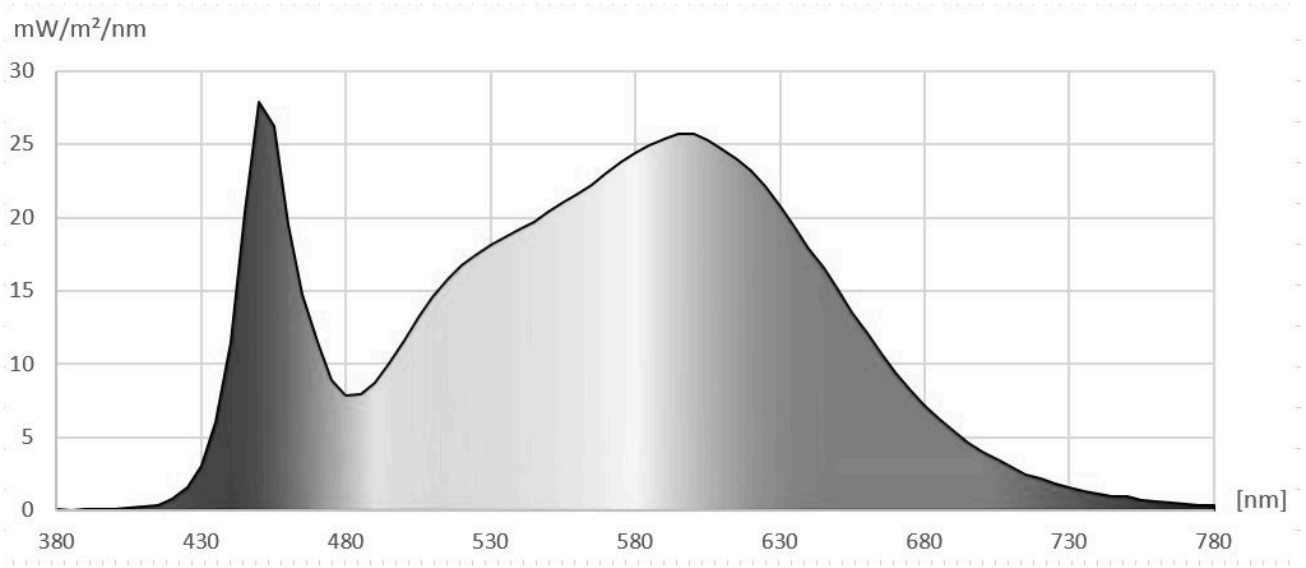
**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 80 | Energy efficiency class | F |
| 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) | 6 500 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 ($P_{on}$), expressed in W | 72,0 | 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 | 91 |

| | | | | |
|---|---|---|---|---|
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Height | 3 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | 8 | | |
| | Depth | 5 000 | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,375<br>0,373 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 2 227 | Beam angle in degrees, or the range of beam angles that can be set | 120 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 78 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,96 | | |

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

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


mW/m²/nm
30
25
20
15
10
5
0
380
430
480
530
580
630
680
730
780
[nm]