# Product Information Sheet

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

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

**Supplier's address:** Emos spol. s r.o., Lipnická 2844 Přerov 75002 Česká republika

**Model identifier:** ZQ1E03

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E14 | | |
| 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 |

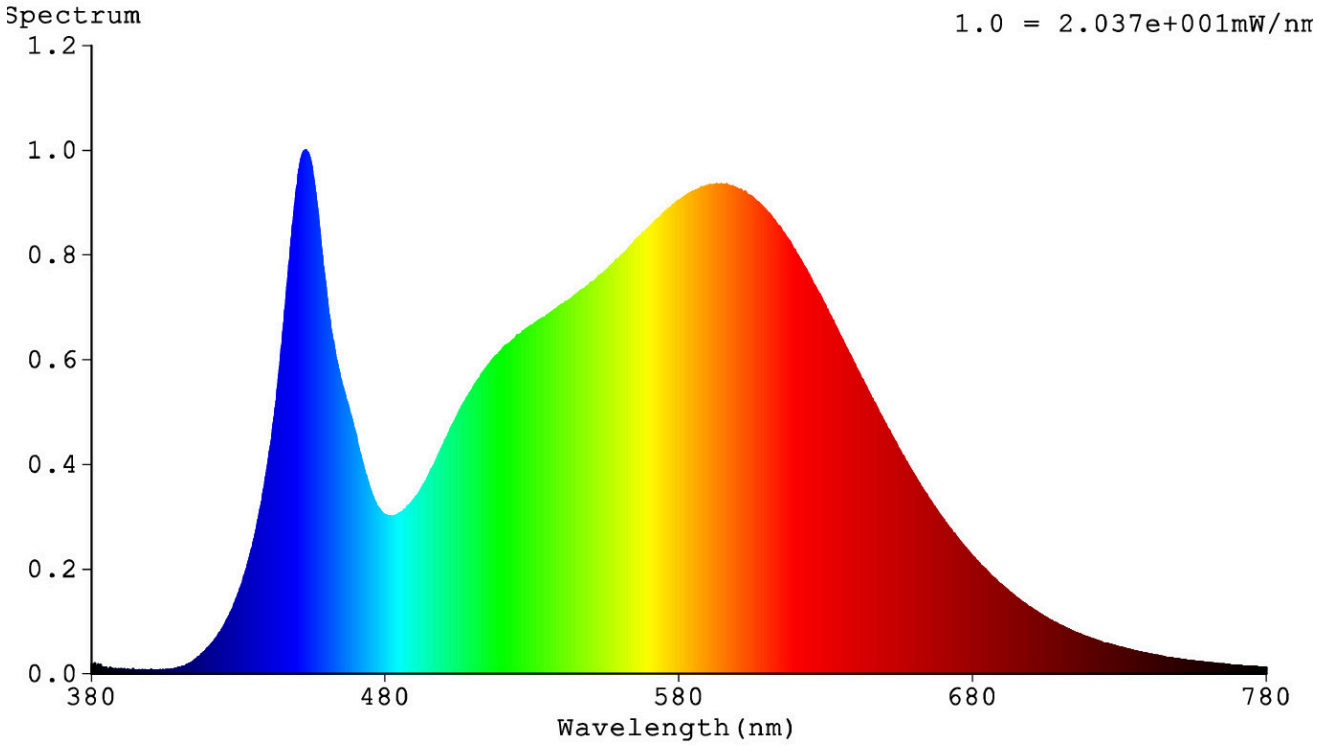
**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 3 | Energy efficiency class | E |
| 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) | 250 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 | 2,2 | 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 | 80 |
| Outer dimensions without separate control gear, lighting control — Height | 45 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Width | 45 | | |
| Depth | 82 | | |

| | | | | |
|---|---|---|---|---|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | Yes | If yes, equivalent power (W) | 25 |
| | | | Chromaticity coordinates (x and y) | 0,380<br>0,380 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 21 | Survival factor | 1,00 |
| the lumen maintenance factor | | 0,96 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,95 | Colour consistency in McAdam ellipses | 6 |
| 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) | | 0,2 | Stroboscopic effect metric (SVM) | 0,4 |

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

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


Spectrum
1.0 = 2.037e+001mW/nm
1.2
1.0
0.8
0.6
0.4
0.2
0.0
380
480
580
680
780
Wavelength(nm)

**EPREL registration number:** 2649493

Model placed on the Union market from 19/08/2026.

https://eprel.ec.europa.eu/qr/2649493

**Supplier:** Emos spol. s r.o. (Manufacturer) **Website:** www.emos.eu

**Customer care service:**

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