

# 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:** ZQW514R

## Type of light source:

|                                                     |     |                                 |      |
|-----------------------------------------------------|-----|---------------------------------|------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E27 |                                 |      |
| Mains or non-mains:                                 | MLS | Connected light source (CLS):   | Yes  |
| Colour-tuneable light source:                       | Yes | Envelope:                       | -    |
| High luminance light source:                        | No  |                                 |      |
| Anti-glare shield:                                  | No  | Dimmable:                       | Yes  |

## 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                                                                  | 9                    | Energy efficiency class                                                                                                                                    | F                                                                       |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 806 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 | 2700...6500                                                             |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 9,0                  | 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                                                | 0,00                 | 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               | 120                                                                                                                                                        | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|                                                                                                                                                | Width                | 60                                                                                                                                                         |                                                                         |
|                                                                                                                                                | Depth                | 60                                                                                                                                                         |                                                                         |
|                                                                                                                                                |                      |                                                                                                                                                            | See image in last page                                                  |

|                                                                                                                         |      |                                       |                |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre)                                                               |      |                                       |                |
| Claim of equivalent power <sup>(a)</sup>                                                                                | Yes  | If yes, equivalent power (W)          | 60             |
|                                                                                                                         |      | Chromaticity coordinates (x and y)    | 0,380<br>0,380 |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |
| R9 colour rendering index value                                                                                         | 29   | Survival factor                       | 0,90           |
| the lumen maintenance factor                                                                                            | 0,95 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                       |                |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,90 | 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 = 1.810e+001mW/nm



Model placed on the Union market from 17/07/2023



**EPREL registration number:** 1441802

<https://eprel.ec.europa.eu/qr/1441802>

**Supplier:** Emos spol. s r.o. (Manufacturer)

**Website:** [www.emos.eu](http://www.emos.eu)

**Customer care service:**

**Name:** Emos spol. s r.o.

**Website:** [www.emos.cz](http://www.emos.cz)

**Email:** [podpora@emos.cz](mailto:podpora@emos.cz)

**Phone:** +420581261233

**Address:**

Lipnická 2844  
Přerov  
75002  
Česká republika