

# 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:** ZQ1210

## 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

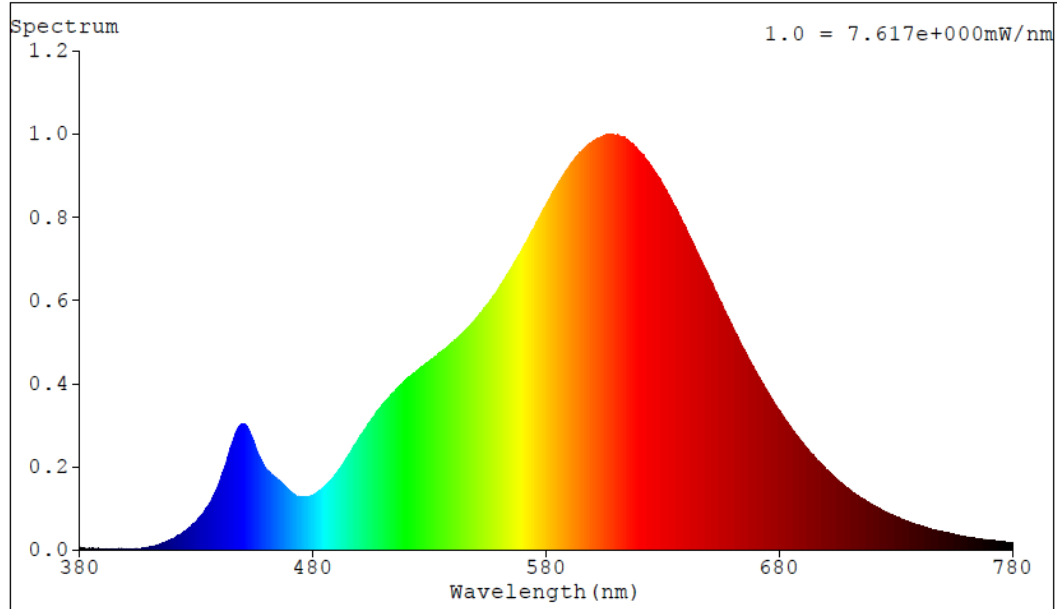
| Parameter                                                                                                                                      | Value                | Parameter                                                                                                                                                  | Value                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <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 ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 350 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 | 2 700                                                                   |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 4,1                  | 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               | 82                                                                                                                                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|                                                                                                                                                | Width                | 45                                                                                                                                                         |                                                                         |
|                                                                                                                                                | Depth                | 45                                                                                                                                                         |                                                                         |
|                                                                                                                                                |                      |                                                                                                                                                            | 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)          | 32             |
|                                                                                                                         |      | Chromaticity coordinates (x and y)    | 0,465<br>0,420 |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |
| R9 colour rendering index value                                                                                         | 10   | Survival factor                       | 0,90           |
| the lumen maintenance factor                                                                                            | 0,97 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                       |                |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,82 | 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            |

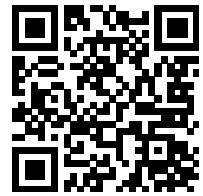
(a)-: not applicable;

(b)-: not applicable;

# Spectrum



Model placed on the Union market from 13/04/2018



**EPREL registration number:** 543931

<https://eprel.ec.europa.eu/qr/543931>

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

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