

Product Information Sheet

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

Supplier's name or trade mark: LED-Studien

Supplier's address: Technische Abteilung, Mühlenweg 15, 04451 Borsdorf, DE

Model identifier: LK04-24b-25

Type of light source:

| | | | |
|-----------------------------------------------------|-------------|---------------------------------|----------------------------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | solder pads | | |
| 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: | Only with specific dimmers |

Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

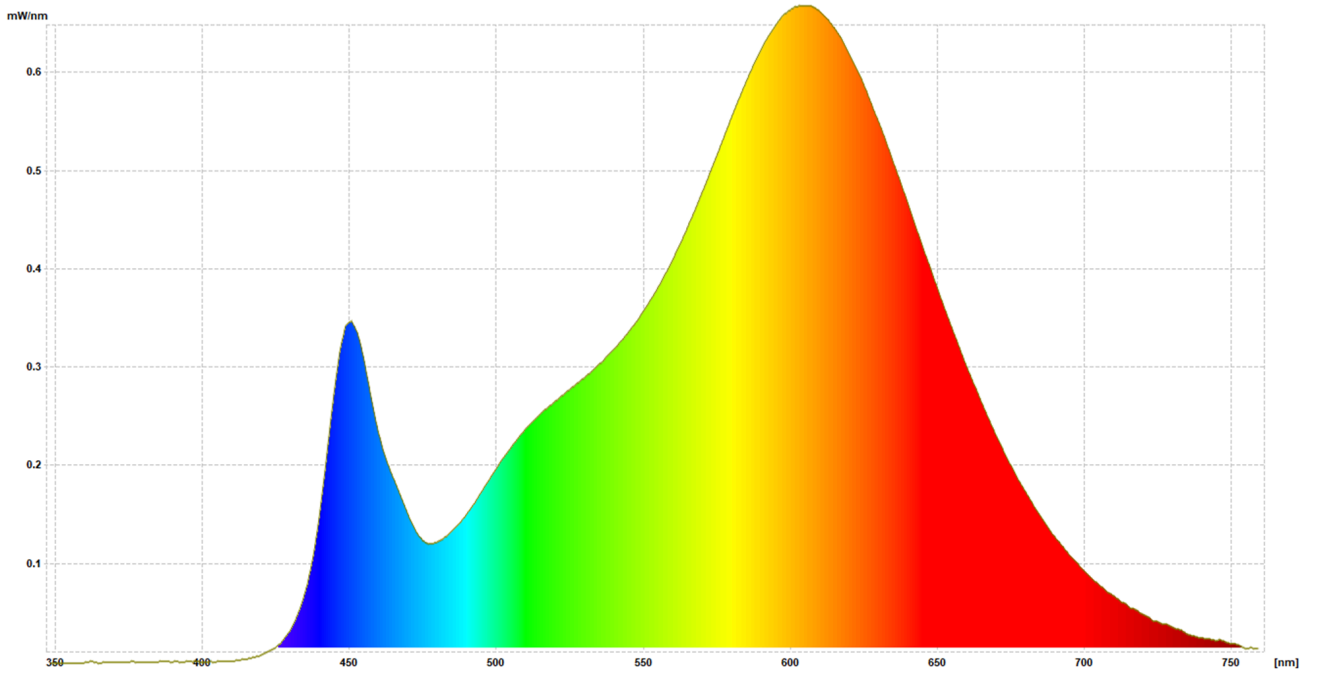
General product parameters:

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 22 | Energy efficiency class | C |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 3 898 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 | 2 800 |
| On-mode power (P_{on}), expressed in W | 21,5 | 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 | 82 |
| Outer dimensions without separate control gear, light- | Height | 2 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 12 | |
| | Depth | 1 000 | |
| | | | See image in last page |

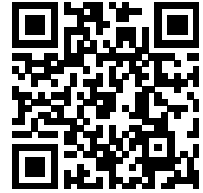
| | | | |
|-----------------------------------------------------------------------|------|------------------------------------|----------------|
| ing control parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,444 0,396 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 5 | Survival factor | 1,00 |
| the lumen maintenance factor | 0,96 | | |

(a) : not applicable;

(b) : not applicable;



Model placed on the Union market from 01/09/2021



EPREL registration number: 944257

<https://eprel.ec.europa.eu/qr/944257>

Supplier: LED-Studien GmbH (Importer)

Website: www.led-studien.de

Customer care service:

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