

Product Information Sheet

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

Supplier's name or trade mark: Möbelix

Supplier's address: Importabteilung, Römerstraße 39, 4600 Wels, AT

Model identifier: 81810639-01

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

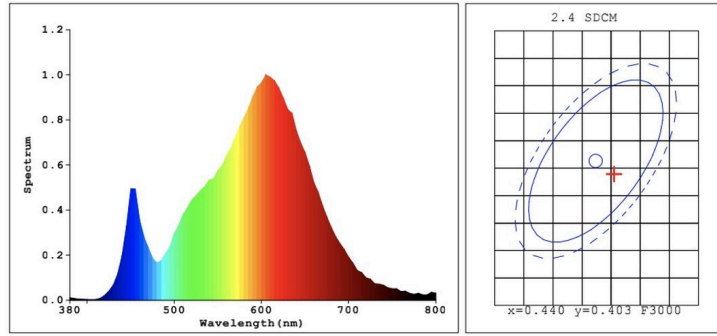
| Parameter | Value | Parameter | Value |
|--|----------------------|--|------------------------|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 3 | Energy efficiency class | G |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 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 | 3 000 |
| On-mode power (P_{on}), expressed in W | 3,0 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,50 |
| 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 | Height | Spectral power distribution in the | See image in last page |
| | Width | | |
| | Depth | | |

| | | | | |
|---|------|---------------------------------------|--------------------------------------|--|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | | | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | Yes | If yes, equivalent power (W) | 25 | |
| | | Chromaticity coordinates (x and y) | 0,440 0,403 | |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 0 | Survival factor | 0,90 | |
| the lumen maintenance factor | 0,96 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,50 | 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) | 1,0 | Stroboscopic effect metric (SVM) | 0,4 | |

(a): not applicable;

(b): not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4427$ ($dx=-0.0022$) $y=0.4011$ ($dy=-0.0043$)
Chromaticity Coordinate: $u'=0.2556$ $v'=0.5211$ ($duv=-1.91e-03$)
Tc=2881K Dominant WL:Ld=584.0nm Purity=53.3% Centroid WL:595.0nm
Ratio:R=26.1% G=71.7% B=2.2% Peak WL:Lp=605.0nm HWL:128.6nm
Render Index:Ra=85.3 CRI=80.8
R1 =85 R2 =93 R3 =97 R4 =84 R5 =85 R6 =92 R7 =84
R8 =64 R9 =20 R10=83 R11=84 R12=75 R13=87 R14=99 R15=78

Photo Parameters:

Flux: 242.88 lm Fe: 0.77485 W Efficacy:93.77 lm/W
WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=230.02V I=0.02133A P=2.590W PF=0.5280

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=10569(G=6,D=46)
REF=10470(R=3) %=-0.039% PMT: 27.6 centigrade [26.0]
