

Product Information Sheet

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

Supplier's name or trade mark: ENOVALITE

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED700104

Type of light source:

| | | | |
|---|---------|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | SMD5050 | | |
| 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

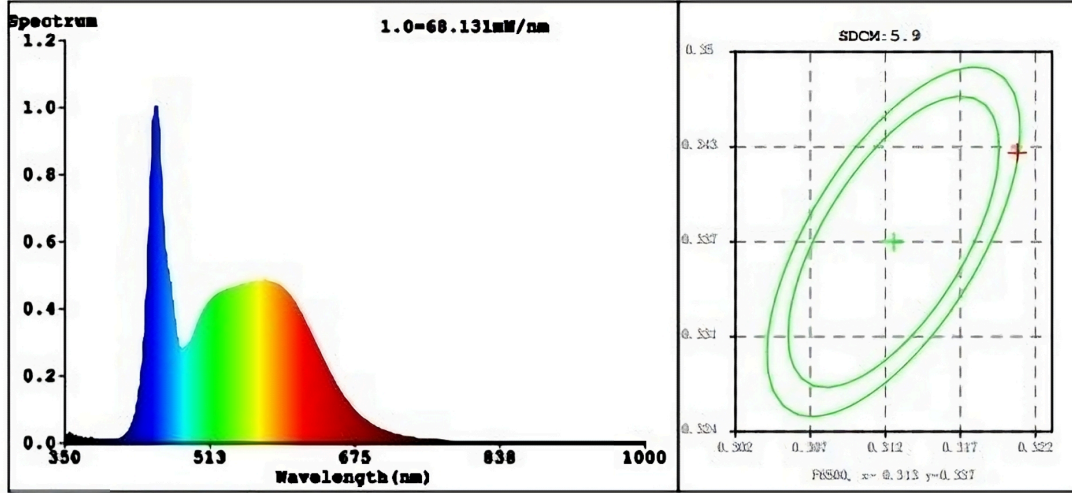
| Parameter | Value | Parameter | Value |
|--|---------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 23 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 2 150 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 | 6 500 |
| On-mode power (P_{on}), expressed in W | 23,0 | 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 separate control gear, lighting control | Height | 2 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 100 | |
| | Depth | 5 000 | |
| | | | See image in last page |

| | | | |
|---|------|---------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,313 0,337 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 80 | Survival factor | - |
| the lumen maintenance factor | - | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,50 | Colour consistency in McAdam ellipses | 5 |
| 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) | 0,4 | Stroboscopic effect metric (SVM) | 0,9 |

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3213$ $y=0.3430/u'=0.1985$ $v'=0.4768$
 CCT=6004K (Duv=0.0061) Dominant WL:Ld =502.4nm WL:Lc = --nm Purity=3.7%
 Ratio:R=13.8% G=80.4% B=5.7% Peak WL:Lp=452.3nm FWHM=22.0nm
 Render Index:Ra=83.5 AvgR=76.2 TM30:Rf=84 Rg=93

R1 =81 R2 =90 R3 =94 R4 =81 R5 =82 R6 =86 R7 =87
 R8 =67 R9 =3 R10=76 R11=81 R12=60 R13=84 R14=97 R15=75

Photo Parameters:

Flux = 2141 lm Eff. : 93.17 lm/W Fe = 6.778 W
 Scotopic:4733.5 S/P:2.2111

Electrical parameters:

V = 23.997 V I = 0.9575 A P = 22.98 W PF = 1.000

LEVEL:OUT WHITE:ANSI_5700K

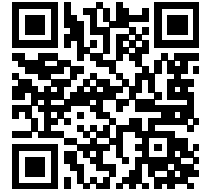
Status: Integral T = 500 ms Ip = 34310 (52%)

GBT5702

Model: ELED700104
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2023-06-09 15:25:36
 Humidity:65.0%
 Remarks:

Model placed on the Union market from 01/09/2023



EPREL registration number: 1630504

<https://eprel.ec.europa.eu/qr/1630504>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany