

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: ELED300262

Type of light source:

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

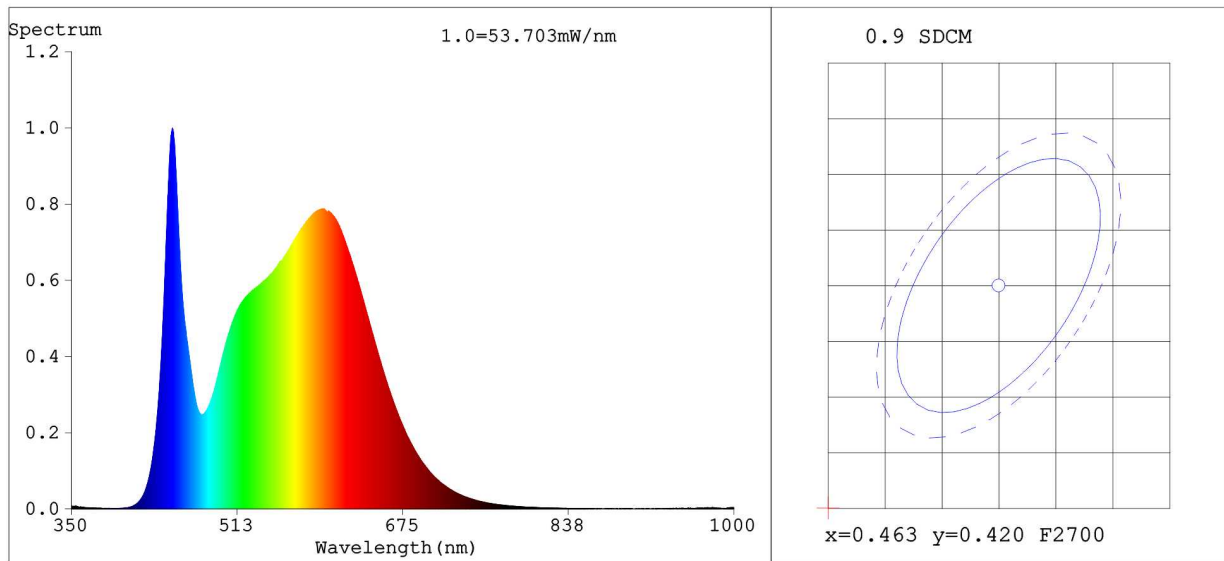
| Parameter | Value | Parameter | Value |
|--|------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 18 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 1 800 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 | 4 000 |
| On-mode power (P_{on}), expressed in W | 18,0 | 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 | 247 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 247 | |
| | Depth | 24 | |
| | | | 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) | 0,440 0,403 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 24 | Survival factor | - |
| the lumen maintenance factor | - | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,70 | 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) | 0,9 |

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3723$ $y=0.3677/u'=0.2233$ $v'=0.4963$
 CCT=4068K(Duv=-0.0018) Dominant WL:Ld =579.6nm Purity=22.0%
 Ratio:R=18.347% G=77.739% B=3.915% Peak WL:Lp=449.2nm FWHM=21.1nm
 Render Index:Ra=85.8 AvgR=80.1 TM30:Rf=84 Rg=97
 R1 =85 R2 =91 R3 =95 R4 =86 R5 =85 R6 =87 R7 =87
 R8 =69 R9 =20 R10=79 R11=86 R12=67 R13=87 R14=97 R15=80

Photo Parameters:

Flux = 2476 lm Eff. : 147.38 lm/W Fe = 7.730 W

Electrical parameters:

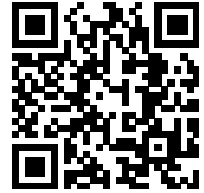
V = 230.44 V I = 0.07894 A P = 16.80 W PF = 0.9233
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 12 ms Ip = 42123 (64%)

Tester:
 Temperature:Deg
 Manufacturer:

Number:Stable 18W 4000K LED
 module
 Date:2023-01-03 11:32:39
 Humidity:65.0%
 Remarks:

Model placed on the Union market from 23/03/2023



EPREL registration number: 1534649

<https://eprel.ec.europa.eu/qr/1534649>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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