# Product Information Sheet

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

**Supplier's name or trade mark:** ENOVA

**Supplier's address:** ENOVATEK GmbH, Am Bullhamm 37, 26441 Jever, DE

**Model identifier:** ELED 600115

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | SMD | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | Nein |
| Colour-tuneable light source: | Nein | Envelope: | - |
| High luminance light source: | Nein | | |
| Anti-glare shield: | Nein | Dimmable: | Yes |

**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 36 | Energy efficiency class | F |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 3 600 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 | 4 000 |
| On-mode power ($P_{on}$), expressed in W | 36,0 | 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 | 620 | Spectral power distribution in the | See image in last page |
| Outer dimensions without — Width | 620 | | |
| Outer dimensions without — Depth | 9 | | |

| | | | | |
|---|---|---|---|---|
| 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)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,382<br>0,385 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 1 556 | Beam angle in degrees, or the range of beam angles that can be set | 120 |
| **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 ϕ1) | | 0,90 | 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 |

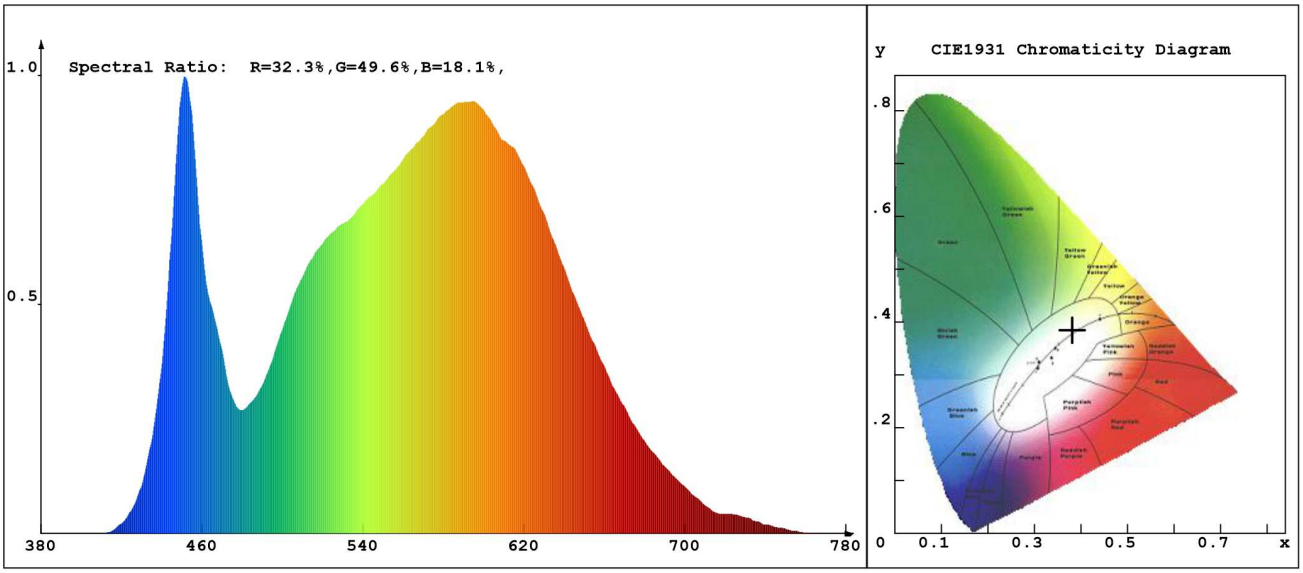
[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

# LED Test Report

**Product Mark**

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2021-06-07 14:17:43
Remark:




**Chroma Parameters**

Chro.Coor.:x=0.3820 y=0.3854 u=0.2227 v=0.3370 duv=0.0035
CCT: 4021K Dominant Wave.:577.2nm Purity:30.3%
Flux RGB Ratio:R=17.8%,G=79.9%,B=2.3% Peak Wave:451.6nm Half Width:21.3nm

**Rendering Index:Ra= 82.0**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =80 | R2 =89 | R3 =95 | R4 =80 | R5 =79 | R6 =84 | R7 =87 | R8 =63 |
| R9 =3 | R10=73 | R11=78 | R12=58 | R13=82 | R14=97 | R15=73 | |

**Photo Parameters**

Flux:4317.26lm Effi.:110.11m/W Radiant:11744.9mW Iv:0.0mcd
Efficiency:0.124 Effi Level:A+ (EU 874-2012)

**Ele. Parameters**

Voltage:U=230.000V Current:I=0.1750A
Power:P=39.22W Power Factor:PF=0.969

**Instrument state**

Instrument:Hopoo HP8000 Integral Time: 47.693ms VPeak: 14138
VDark: 1416 Scan Range: 380-780nm Product ID: 201306373