

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: ELED300250

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:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

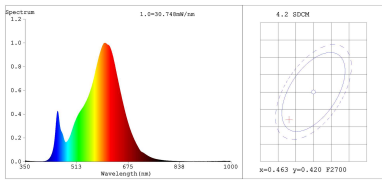
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 600 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	2700...7150
On-mode power (P_{on}), expressed in W	18,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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	290	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	290	
	Depth	25	
			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)	0,4

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.4561$ $y=0.4120$ $u^*=0.2594$ $v^*=-0.5273$
 CCT=2765K (Duv=0.0009) Dominant W.L: $\lambda=583.6nm$ Purity=69.4%
 Ratio: $R=24.3604$ $G=73.3594$ $B=2.2814$ Peak W.L: $\lambda=602.3nm$ FWHM=117.2nm
 Render Index: $Ra=81.5$ AvgR=75.8 TM30:Rf=82 Rg=95
 R1 =90 R2 =91 R3 =95 R4 =79 R5 =80 R6 =90 R7 =81
 R8 =56 R9 =3 R10=80 R11=78 R12=72 R13=82 R14=98 R15=72

Photo Parameters:
 Flux = 1432 lm Eff. : 84.66 lm/W Fe = 4.370 W

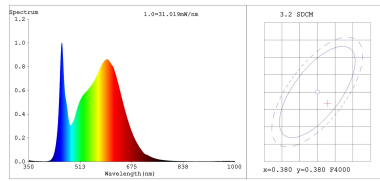
Electrical parameters:
 V = 229.99 V I = 0.1304 A P = 16.91 W PF = 0.5633
 LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 21 ms Ip = 49827 (76%)

Number: Stable 3000K
 Whole Lamp
 Date: 2023-03-14 17:31:30
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.3829$ $y=0.3767$ $u^*=-0.2268$ $v^*=-0.5019$
 CCT=3933K (Duv=-0.0007) Dominant W.L: $\lambda=579.7nm$ Purity=28.0%
 Ratio: $R=19.0054$ $G=76.9294$ $B=4.0664$ Peak W.L: $\lambda=454.3nm$ FWHM=22.6nm
 Render Index: $Ra=85.7$ AvgR=80.3 TM30:Rf=83 Rg=95
 R1 =85 R2 =94 R3 =96 R4 =83 R5 =85 R6 =90 R7 =86
 R8 =67 R9 =20 R10=84 R11=83 R12=65 R13=88 R14=99 R15=79

Photo Parameters:
 Flux = 1511 lm Eff. : 89.96 lm/W Fe = 4.684 W

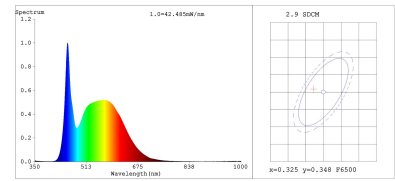
Electrical parameters:
 V = 230.01 V I = 0.1296 A P = 16.79 W PF = 0.5622
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 21 ms Ip = 42756 (65%)

Number: Stable 4000K
 Whole Lamp
 Date: 2023-03-14 17:32:32
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.3224$ $y=0.3488$ $u^*=-0.1971$ $v^*=-0.4800$
 CCT=5934K (Duv=0.0085) Dominant W.L: $\lambda=511.7nm$ Purity=3.5%
 Ratio: $R=13.5514$ $G=80.8714$ $B=5.5784$ Peak W.L: $\lambda=453.3nm$ FWHM=22.5nm
 Render Index: $Ra=82.4$ AvgR=74.7 TM30:Rf=82 Rg=92
 R1 =79 R2 =89 R3 =94 R4 =80 R5 =80 R6 =84 R7 =87
 R8 =66 R9 =0 R10=73 R11=79 R12=58 R13=82 R14=97 R15=73

Photo Parameters:
 Flux = 1439 lm Eff. : 87.23 lm/W Fe = 4.505 W

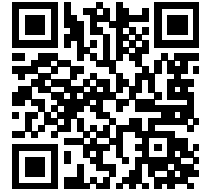
Electrical parameters:
 V = 230.04 V I = 0.1283 A P = 16.50 W PF = 0.5588
 LEVEL:OUT WHITE:OUT

Status: Integral T = 21 ms Ip = 54303 (83%)

Number: Stable 6500K
 Whole Lamp
 Date: 2023-03-14 17:30:12
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

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



EPREL registration number: 1534592

<https://eprel.ec.europa.eu/qr/1534592>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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