

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: ELED300210

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:	No

Product parameters

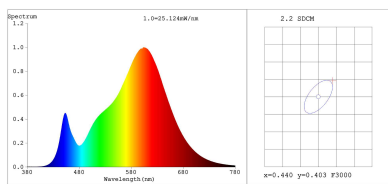
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 190 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 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	12,0	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	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	170	
	Depth	17	
			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	23	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: $x=0.4440$ $y=0.4076$ $u^*=0.2536$ $v^*=0.5238$
 CCT=2912K (Duv=0.0051) Dominant Wavelength = 583.0nm Purity=55.64
 Ratio: R=23.4314 G=74.0914 B=2.4755 Peak Wavelength=604.0nm FWHM=119.5nm
 Render Index: Ra=82.0 AvgR=76.3 TM30:Rf=82 Rg=95
 R1 =80 R2 =91 R3 =96 R4 =80 R5 =81 R6 =90 R7 =82
 R8 =57 R9 =3 R10=80 R11=79 R12=72 R13=83 R14=98 R15=72

Photo Parameters:

Flux = 1194 lm Eff. : 98.00 lm/W Pe = 3.587 W

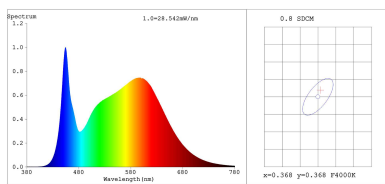
Electrical parameters:

V = 230.13 V I = 0.06626 A P = 12.18 W PF = 0.7993
 LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 25 ms Ip = 55934 (858)

Tester: _____
 Temperature:Deg _____
 Manufacturer: _____
 Number: _____
 Date:2022-11-11 15:29:00
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3689$ $y=0.3704$ $u^*=0.2200$ $v^*=0.4970$
 CCT=4285K (Duv=0.0006) Dominant Wavelength = 577.5nm Purity=21.9%
 Ratio: R=17.990% G=77.621% B=4.388% Peak Wavelength=454.3nm FWHM=22.6nm
 Render Index: Ra=86.3 AvgR=80.6 TM30:Rf=84 Rg=95
 R1 =86 R2 =93 R3 =96 R4 =84 R5 =85 R6 =88 R7 =87
 R8 =70 R9 =23 R10=83 R11=84 R12=63 R13=88 R14=99 R15=80

Photo Parameters:

Flux = 1275 lm Eff. : 105.68 lm/W Pe = 3.964 W

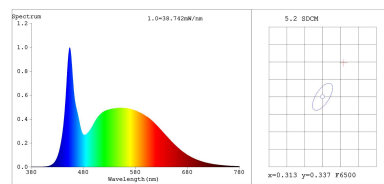
Electrical parameters:

V = 230.05 V I = 0.06440 A P = 12.07 W PF = 0.8150
 LEVEL:OUT WHITE:ANSI_4500K

Status: Integral T = 25 ms Ip = 51361 (784)

Tester: _____
 Temperature:Deg _____
 Manufacturer: _____
 Number: _____
 Date:2022-11-11 15:29:34
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3189$ $y=0.3467$ $u^*=0.1955$ $v^*=0.4784$
 CCT=6100K (Duv=0.0051) Dominant Wavelength = 504.3nm Purity=4.4%
 Ratio: R=13.526% G=80.813% B=5.661% Peak Wavelength=453.6nm FWHM=21.6nm
 Render Index: Ra=83.5 AvgR=76.1 TM30:Rf=83 Rg=93
 R1 =80 R2 =89 R3 =94 R4 =81 R5 =81 R6 =84 R7 =89
 R8 =69 R9 =8 R10=73 R11=80 R12=57 R13=83 R14=97 R15=75

Photo Parameters:

Flux = 1251 lm Eff. : 102.97 lm/W Pe = 3.971 W

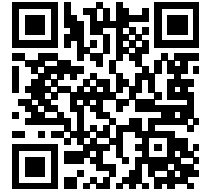
Electrical parameters:

V = 230.13 V I = 0.06569 A P = 12.15 W PF = 0.8039
 LEVEL:OUT WHITE:OUT

Status: Integral T = 20 ms Ip = 55667 (858)

Tester: _____
 Temperature:Deg _____
 Manufacturer: _____
 Number: _____
 Date:2022-11-11 15:29:56
 Humidity:65.0%
 Remarks:

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



EPREL registration number: 1534575

<https://eprel.ec.europa.eu/qr/1534575>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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