

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: ELED300212

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

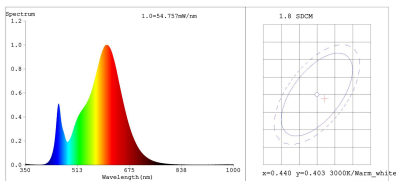
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 565 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	24,0	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	300	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	300	
	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	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: $x=0.4422$ $y=0.4018/u''=0.2549$ $v''=0.5213$
 CCT=2895K (Duv=-0.0016) Dominant Wl:ld =583.8nm Purity=53.3%
 Ratio:R=23.697% G=73.710% B=2.592% Peak Wl:lp=605.0nm FWHM=119.6nm
 Render Index:Ra=82.4 AvgR=77.2 TM30:Rf=82 Rg=96
 R1 =81 R2 =92 R3 =94 R4 =80 R5 =82 R6 =91 R7 =81
 R8 =57 R9 =7 R10=83 R11=79 R12=74 R13=84 R14=98 R15=74

Photo Parameters:

Flux = 2598 lm Eff. : 109.10 lm/W $P_e = 8.009$ W

Electrical parameters:

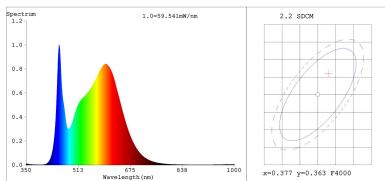
V = 230.16 V I = 0.1285 A P = 23.82 W PF = 0.8054
 LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 13 ms Ip = 54876 (848)

Number:Stable 3000K LED
 Module
 Date:2023-03-09 20:11:22
 Humidity:65.0%
 Remarks:

Tester:
 Temperature:Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3795$ $y=0.3692/u''=0.2275$ $v''=0.4981$
 CCT=3969K (Duv=-0.0033) Dominant Wl:ld =581.2nm Purity=24.7%
 Ratio:R=19.229% G=76.622% B=4.149% Peak Wl:lp=453.3nm FWHM=23.4nm
 Render Index:Ra=86.7 AvgR=81.7 TM30:Rf=84 Rg=96
 R1 =87 R2 =94 R3 =96 R4 =85 R5 =87 R6 =91 R7 =86
 R8 =69 R9 =24 R10=86 R11=85 R12=68 R13=89 R14=99 R15=81

Photo Parameters:

Flux = 2823 lm Eff. : 119.67 lm/W $P_e = 8.897$ W

Electrical parameters:

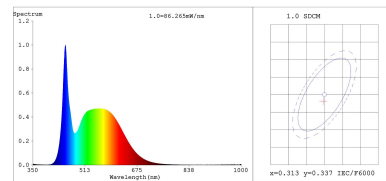
V = 230.16 V I = 0.1253 A P = 23.59 W PF = 0.8182
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 13 ms Ip = 49979 (768)

Number:Stable 4000K LED
 Module
 Date:2023-03-09 20:11:01
 Humidity:65.0%
 Remarks:

Tester:
 Temperature:Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3127$ $y=0.3351/u''=0.1955$ $v''=0.4716$
 CCT=6464K (Duv=0.0063) Dominant Wl:ld =492.8nm Purity=6.9%
 Ratio:R=13.230% G=80.976% B=5.794% Peak Wl:lp=451.2nm FWHM=22.2nm
 Render Index:Ra=83.4 AvgR=81.0 TM30:Rf=82 Rg=93
 R1 =81 R2 =88 R3 =93 R4 =82 R5 =82 R6 =84 R7 =88
 R8 =69 R9 =5 R10=72 R11=82 R12=60 R13=83 R14=96 R15=75

Photo Parameters:

Flux = 2670 lm Eff. : 112.03 lm/W $P_e = 8.596$ W

Electrical parameters:

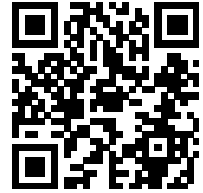
V = 230.22 V I = 0.1302 A P = 23.83 W PF = 0.7945
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 8 ms Ip = 41381 (638)

Number:Stable 6000K LED
 Module
 Date:2023-03-09 20:10:40
 Humidity:65.0%
 Remarks:

Tester:
 Temperature:Deg
 Manufacturer:

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



EPREL registration number: 1534584

<https://eprel.ec.europa.eu/qr/1534584>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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