

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: ELED300260

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

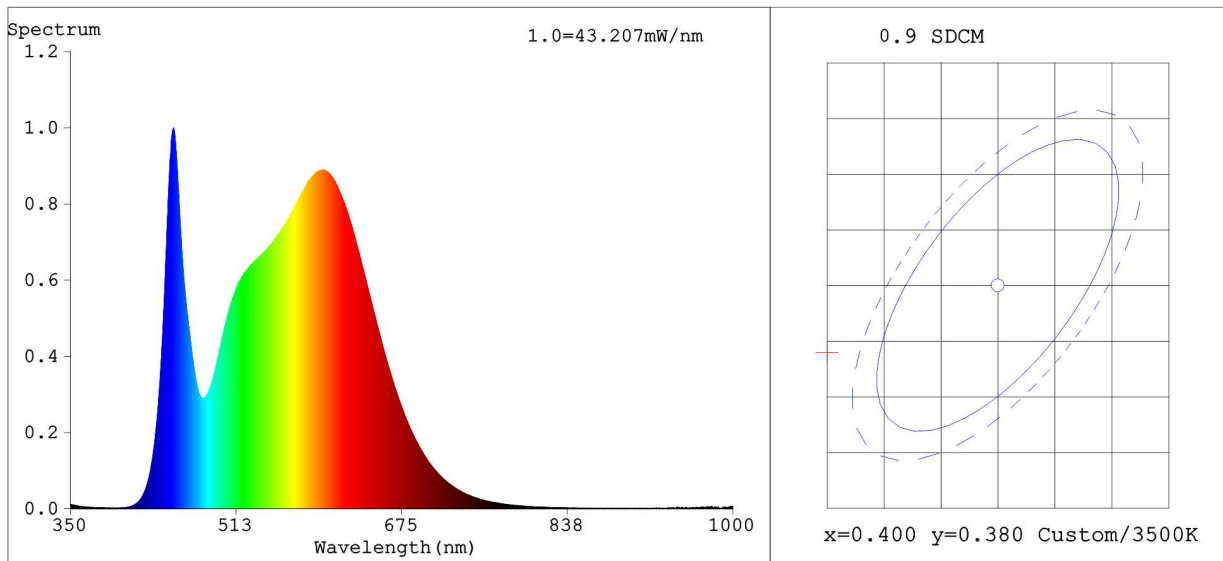
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 880 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	220	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	220	
	Depth	31	
			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: $x=0.3779$ $y=0.3739$ / $u'=0.2246$ $v'=0.5000$
 CCT=4048K (Duv=-0.0006) Dominant WL:Ld =579.2nm Purity=25.6%
 Ratio:R=18.697% G=77.412% B=3.892% Peak WL:Lp=451.2nm FWHM=24.3nm
 Render Index:Ra=86.3 AvgR=80.8 TM30:Rf=85 Rg=97
 R1 =85 R2 =92 R3 =96 R4 =86 R5 =85 R6 =89 R7 =88
 R8 =70 R9 =23 R10=81 R11=86 R12=67 R13=87 R14=98 R15=80

Photo Parameters:

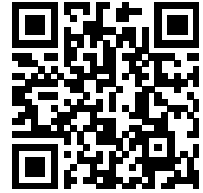
Flux = 2237 lm Eff. : 131.56 lm/W Fe = 6.993 W

Electrical parameters:

V = 229.94 V I = 0.07662 A P = 17.01 W PF = 0.9654
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 13 ms Ip = 38362 (59%)

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



EPREL registration number: 1534623

<https://eprel.ec.europa.eu/qr/1534623>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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