

# 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:** ELED300200

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

## Product parameters

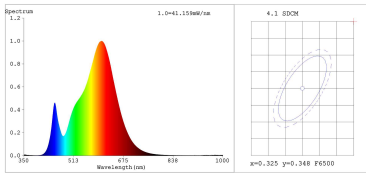
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a 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	3 000 or 4 000 or 6 500
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	225	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	225	
	Depth	17	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,403
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	24	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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:  $x=0.4404$   $y=0.4062$   $u^*=0.2519$   $v^*=0.5227$   
 CCT=2940K (Duv=0.0004) Dominant Wl: 452.9nm Purity=54.1%  
 Ratio: R7:R3 (R4:R5) = 74.535% (82.421%) Peak Wl: 456.3nm FWHM=123.5nm  
 Rander Index: Ra=81.9 AvgR=76.0 TM30:Rf=82 Rg=96  
 R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =89 R7 =82  
 R8 =57 R9 =2 R10=78 R11=80 R12=72 R13=82 R14=99 R15=72

Photo Parameters:

Flux = 1896 lm Eff. : 108.33 lm/W Pe = 5.992 W

Electrical parameters:

V = 230.18 V I = 0.09885 A P = 18.33 W PF = 0.8052

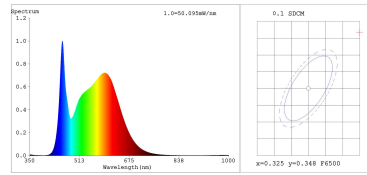
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 16 ms Ip = 54901 (84%)

Number: Stable 3000K LED  
 Module  
 Date: 2023-01-14 18:28:30  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3617$   $y=0.3647$   $u^*=0.2174$   $v^*=0.4934$   
 CCT=4078K (Duv=0.0003) Dominant Wl: 456.8nm Purity=18.0%  
 Ratio: R7:R3 (R4:R5) = 77.516% (84.810%) Peak Wl: 456.3nm FWHM=25.1nm  
 Rander Index: Ra=86.4 AvgR=81.0 TM30:Rf=83 Rg=94  
 R1 =86 R2 =95 R3 =96 R4 =83 R5 =85 R6 =91 R7 =86  
 R8 =69 R9 =24 R10=86 R11=83 R12=63 R13=89 R14=99 R15=81

Photo Parameters:

Flux = 2182 lm Eff. : 119.93 lm/W Pe = 6.857 W

Electrical parameters:

V = 230.14 V I = 0.09558 A P = 18.19 W PF = 0.8267

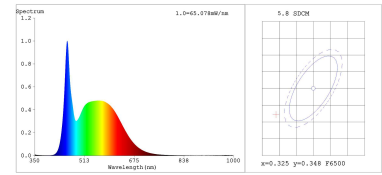
LEVEL:OUT WHITE:ANSI\_4500K

Status: Integral T = 16 ms Ip = 53545 (82%)

Number: Stable 4000K LED  
 Module  
 Date: 2023-01-14 18:28:30  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3142$   $y=0.3402$   $u^*=0.1947$   $v^*=0.4744$   
 CCT=6354K (Duv=0.0081) Dominant Wl: 456.3nm Purity=6.1%  
 Ratio: R7:R3 (R4:R5) = 80.303% (86.263%) Peak Wl: 456.3nm FWHM=24.5nm  
 Rander Index: Ra=84.2 AvgR=77.3 TM30:Rf=82 Rg=92  
 R1 =82 R2 =92 R3 =95 R4 =80 R5 =82 R6 =87 R7 =87  
 R8 =69 R9 =10 R10=79 R11=79 R12=58 R13=85 R14=98 R15=76

Photo Parameters:

Flux = 2070 lm Eff. : 113.04 lm/W Pe = 6.659 W

Electrical parameters:

V = 230.15 V I = 0.09787 A P = 18.31 W PF = 0.8129

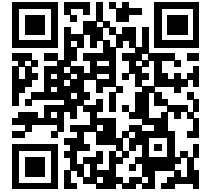
LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 12 ms Ip = 52132 (80%)

Number: Stable 6000K LED  
 Module  
 Date: 2023-01-14 18:29:21  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

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



**EPREL registration number:** 1534550

<https://eprel.ec.europa.eu/qr/1534550>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

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