

# 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:** ELED300251

## 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

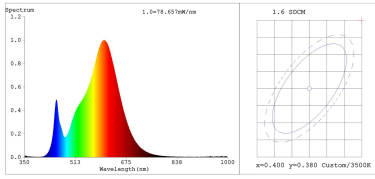
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 500 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	36,0	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	400	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	400	
	Depth	25	
			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)	0,4

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



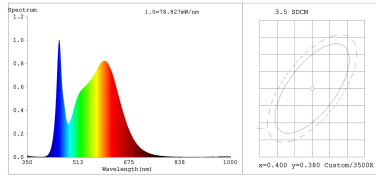
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.4446$   $y=0.4051$   $u^*=0.2501$   $v^*=0.5229$   
 CCT=2883K (Duv=-0.0006) Dominant Wavelength=583.5nm Purity=55.04  
 Ratio: R=23.659% G=73.916% B=2.425% Peak Wavelength=606.6nm FWHM=120.5nm  
 Render Index: Ra=82.1 AvgR=76.5 TM30:Rf=82 Rg=96  
 R1 =81 R2 =91 R3 =96 R4 =80 R5 =81 R6 =90 R7 =82  
 R8 =57 R9 =5 R10 =80 R11 =79 R12 =73 R13 =83 R14 =98 R15 =73

**Photo Parameters:**  
 Flux = 3721 lm Eff. : 115.36 lm/W Fe = 11.41 W

**Electrical parameters:**  
 V = 229.87 V I = 0.1496 A P = 32.26 W PF = 0.9379  
 LEVEL:OUT WHITE:ANSI\_3000K  
 Status: Integral T = 7 ms Ip = 42323 (659)

Number: Stable 3000KRGB LED  
 Module  
 Date: 2023-02-23 11:13:25  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



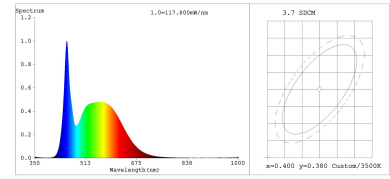
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.3732$   $y=0.3683$   $u^*=0.2237$   $v^*=0.4967$   
 CCT=4143K (Duv=-0.0018) Dominant Wavelength=579.7nm Purity=22.54  
 Ratio: R=18.440% G=77.491% B=4.069% Peak Wavelength=452.2nm FWHM=23.1nm  
 Render Index: Ra=86.0 AvgR=80.4 TM30:Rf=84 Rg=96  
 R1 =85 R2 =92 R3 =96 R4 =85 R5 =85 R6 =88 R7 =87  
 R8 =69 R9 =21 R10 =81 R11 =85 R12 =67 R13 =87 R14 =98 R15 =80

**Photo Parameters:**  
 Flux = 3761 lm Eff. : 116.20 lm/W Fe = 11.77 W

**Electrical parameters:**  
 V = 229.92 V I = 0.1502 A P = 32.37 W PF = 0.9378  
 LEVEL:OUT WHITE:ANSI\_4000K  
 Status: Integral T = 7 ms Ip = 34824 (538)

Number: Stable 4000KRGB LED  
 Module  
 Date: 2023-02-23 11:13:49  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



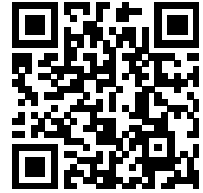
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.3108$   $y=0.3340$   $u^*=0.1947$   $v^*=0.4707$   
 CCT=6570K (Duv=0.0067) Dominant Wavelength=492.1nm Purity=7.64  
 Ratio: R=13.079% G=80.993% B=5.928% Peak Wavelength=452.3nm FWHM=23.6nm  
 Render Index: Ra=83.3 AvgR=75.8 TM30:Rf=82 Rg=93  
 R1 =81 R2 =88 R3 =93 R4 =82 R5 =82 R6 =84 R7 =88  
 R8 =69 R9 =4 R10 =73 R11 =81 R12 =59 R13 =83 R14 =97 R15 =75

**Photo Parameters:**  
 Flux = 3692 lm Eff. : 114.28 lm/W Fe = 11.90 W

**Electrical parameters:**  
 V = 229.85 V I = 0.1498 A P = 32.31 W PF = 0.9382  
 LEVEL:OUT WHITE:ANSI\_6500K  
 Status: Integral T = 7 ms Ip = 49965 (761)

Model: PCB1-36W-400  
 Number: Stable 6000KRGB LED  
 Module  
 Date: 2023-02-23 11:14:28  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

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



**EPREL registration number:** 1534617

<https://eprel.ec.europa.eu/qr/1534617>

**Supplier:** ENOVATEK GmbH (Importer)

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