

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: ELED400301

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD 3030		
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:	No

Product parameters

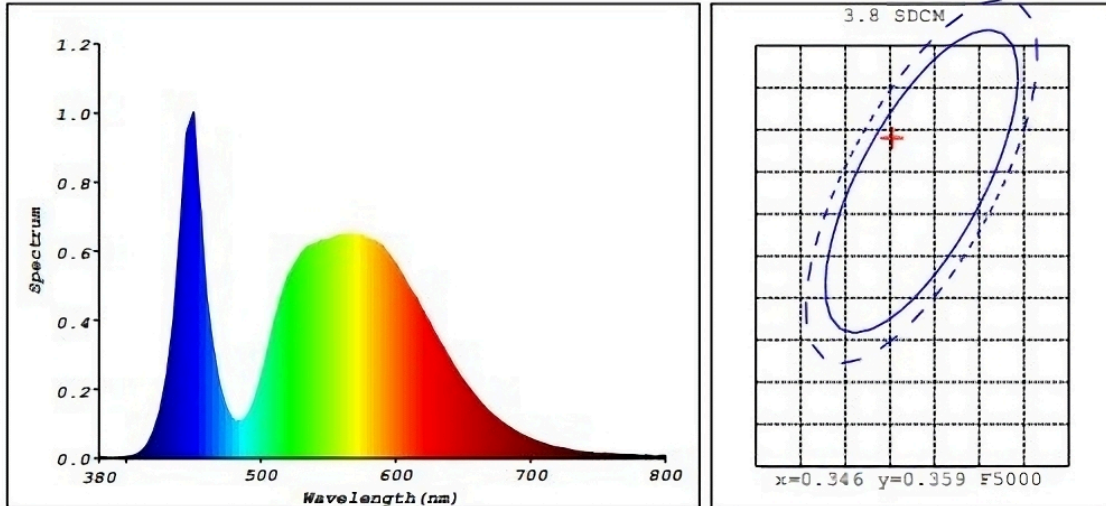
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	300	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	39 000 in Narrow cone (90°)	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	5 000
On-mode power (P_{on}), expressed in W	300,0	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	70
Outer dimensions without separate control gear, lighting control	Height	395	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	238	
	Depth	70	
			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)	0,344 0,367
Parameters for LED and OLED light sources:			
R9 colour rendering index value	70	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	3
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)	0,4	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3431$ $y=0.3631$
 Chromaticity Coordinate: $u'=0.3431$ $v'=0.3631$ ($duv=6.46e-03$)
 Tc=5108K Dominant WL:Ld=566.0nm Purity=11.9% Centroid WL:553.0nm
 Ratio:R=14.9% G=82.4% B=2.7% Peak WL:Lp=450.0nm HWL:22.0nm
 Render Index:Ra=70.8
 R1 =68 R2 =75 R3 =81 R4 =72 R5 =69 R6 =67 R7 =80
 R8 =55 R9 =-37 R10=41 R11=69 R12=41 R13=68 R14=89 R15=61

Photo Parameters:

Flux: 38928 lm Fe: 115.62 W Efficacy:128.9 lm/W

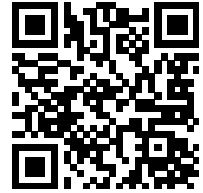
Electrical Parameters:

Luminaire: U=235.1V I=1.314A P=302.0W PF=0.9774
 Instrument Status:
 Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=9629(G=2,D=42)
 REF=9089(R=2) %=-0.133% PMT: 30.8 centigrade [150.0]

Product Type:300W
 Number:1
 Temperature:25.3 deg
 Test Operator:L
 Software:V2.00.100

Manufacturer:TR
 Test Department:TR
 Humidity:65.0%
 Test Date:2023-05-28 17:38:54
 Instrument:PMS-80_V1 (SN:1007038)

Model placed on the Union market from 01/09/2023



EPREL registration number: 1620201

<https://eprel.ec.europa.eu/qr/1620201>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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