

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: ELED400300

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

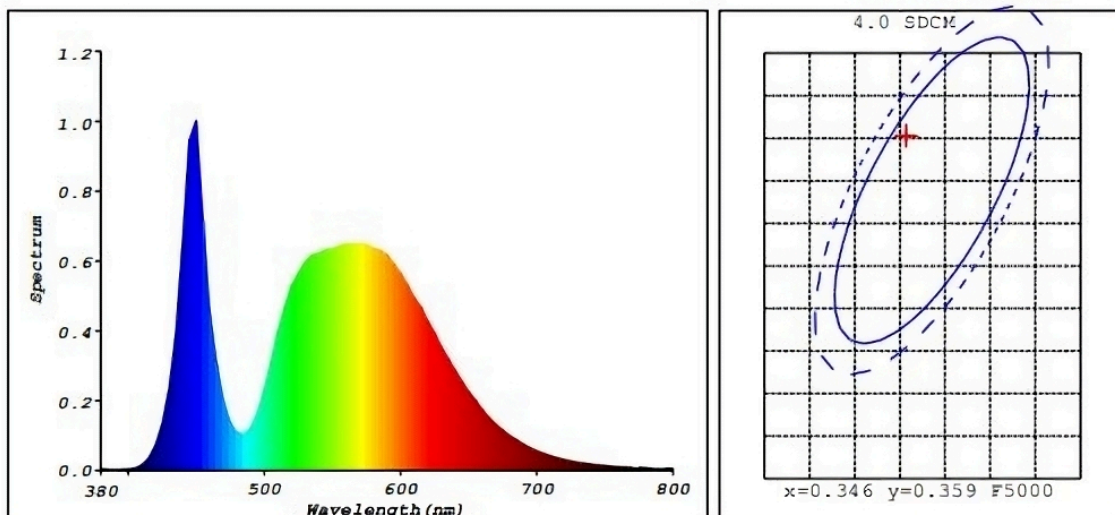
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	26 000 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	200,0	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	158	
	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: $x=0.3436$ $y=0.3642$
 Chromaticity Coordinate: $u'=0.3436$ $v'=0.3642$ ($duv=6.80e-03$)
 $Tc=5096K$ Dominant WL: $Ld=566.0nm$ Purity=12.4% Centroid WL: $553.0nm$
 Ratio: $R=14.9\%$ $G=82.4\%$ $B=2.7\%$ Peak WL: $Lp=450.0nm$ HWL: $21.9nm$
 Render Index: $Ra=70.7$
 $R1 = 67$ $R2 = 75$ $R3 = 81$ $R4 = 72$ $R5 = 69$ $R6 = 67$ $R7 = 80$
 $R8 = 55$ $R9 = -38$ $R10 = 41$ $R11 = 69$ $R12 = 40$ $R13 = 68$ $R14 = 89$ $R15 = 61$

Photo Parameters:

Flux: $26588 lm$ $Fe: 77.311 W$ Efficacy: $132.6 lm/W$

Electrical Parameters:

Luminaire: $U=232.4V$ $I=0.8820A$ $P=200.5W$ $PF=0.9780$

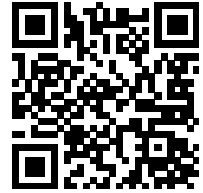
Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=35467(G=3,D=42)$
 $REF=45820(R=3)$ $\%=-0.120\%$ $PMT: 29.8$ centigrade $[150.0]$

Product Type: $200W$
 Number: 1
 Temperature: $25.3 deg$
 Test Operator: L
 Software: $V2.00.100$

Manufacturer: TR
 Test Department: TR
 Humidity: 65.0%
 Test Date: $2023-05-27 08:43:11$
 Instrument: $PMS-80_V1 (SN:1007038)$

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



EPREL registration number: 1620177

<https://eprel.ec.europa.eu/qr/1620177>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany