

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ENOVA

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED600400

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:	Yes	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	30	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°)	3 300 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	4 000
On-mode power (P_{on}), expressed in W	30,0	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	595	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	595	
	Depth	16	
			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)	0,380 0,380
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	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	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

Sample :
 Specification : 595-595-30W-4000K-UGR
 Sample No. : 2
 Manufacturer :

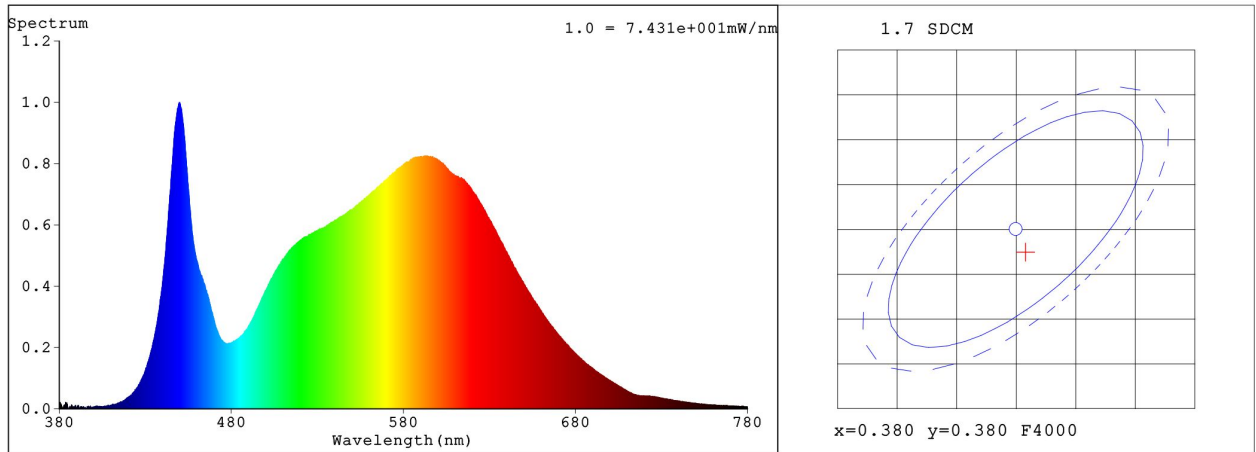
Date : 2022-11-03 08:30:36
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 7381 (11%)
 T : 10 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3808$ $y = 0.3774$ / $u' = 0.2251$ $v' = 0.5019$ ($duv=2.08e-04$)
 CCT= 3995K Prcp WL: Ld=579.0nm Purity=27.6%
 Peak WL: Lp=450nm FWHM: =18.0nm Ratio:R=18.2% G=78.3% B=3.5%

Render Index: Ra = 82.5 CRI = 75.9 AvgR = 75.8

R1 =81 R2 =88 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86

R8 =64 R9 =7 R10=73 R11=81 R12=62 R13=83 R14=97 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 3507.7 lm Eff. : 114.12 lm/W Fe = 10.558 W

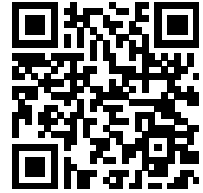
Electrical parameters

V = 230.0 V I = 0.1381 A P = 30.74 W PF = 0.9676 F=49.99 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Model placed on the Union market from 23/11/2022



EPREL registration number: 1409844

<https://eprel.ec.europa.eu/qr/1409844>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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