

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: ELED600700

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	F
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°)	3 600 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	4 000
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	9	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	595	
	Depth	595	
			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)	0,382 0,385
Parameters for LED and OLED light sources:			
R9 colour rendering index value	8	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)	0,9

(a)-: not applicable;

(b)-: not applicable;

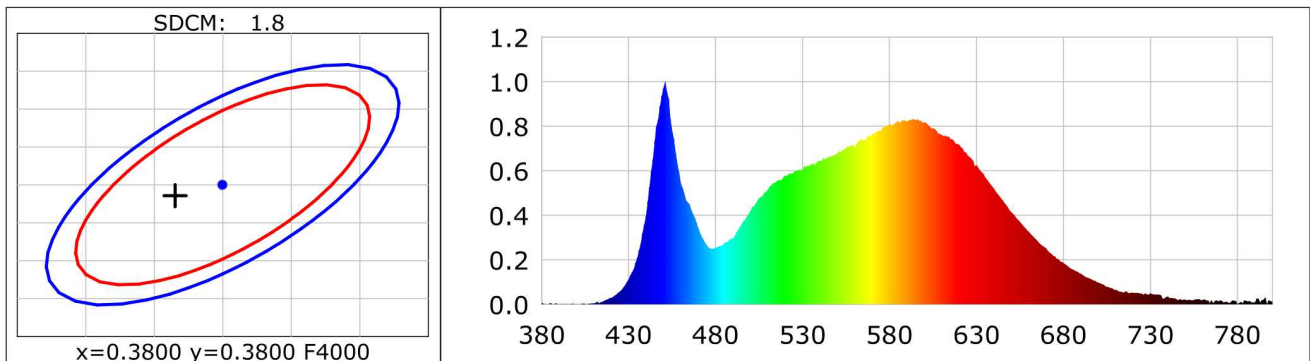
Lightsource Test Report

Product Information

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3765$ $y=0.3786$ $u(u')=0.2218$ $v=0.3345$ $v'=0.5018$
 CCT: $T_c=4121K$ ($duv=0.00201$) Color Ratio: $R=0.178$ $G=0.785$ $B=0.037$
 Peak Wavelength: 450.9nm Half Bandwidth: 20.4nm
 Dominant Wavelength: 577.5nm Color Purity: 0.266
 Central Wave: 451.8nm Gravity Wave: 451.5nm
 CRI: $R_a=83.0$ TM30: $R_f=84$, $R_g=95$
 GAI: $GAI_BB_8=89.9$, $GAI_BB_15=96.6$, $GAI_EES=72.6$
 R1 =81 R2 =89 R3 =95 R4 =82 R5 =81 R6 =85 R7 =86 R8 =65
 R9 =8 R10=74 R11=81 R12=61 R13=83 R14=97 R15=75
 Color Quality Scale: $Q_a=83.1$, $Q_f=83.4$, $Q_p=82.6$, $Q_g=92.1$
 Q1 =82 Q2 =98 Q3 =80 Q4 =77 Q5 =82 Q6 =84 Q7 =86 Q8 =89
 Q9 =98 Q10=89 Q11=86 Q12=85 Q13=84 Q14=73 Q15=76



Photometric Parameters

Luminous Flux: 3647.2 lm Efficiency: 102.02 lm/W Radiant Power: 11.001 W
 Total mains efficacy: 102.02 lm/W Energy Efficiency Class: F (EU 2019/2015)
 Auxiliary lamp correction factor: 0.91

Electric Parameters

Voltage: 230.50V Current: 0.1620A Power: 35.75W
 Power Factor: 0.9590 Frequency: 49.99Hz

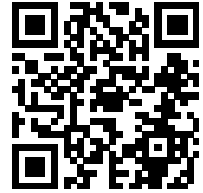
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 10 Sec ALC.: 0.9100 Photometric Condition: Sphere diameter: 2.00m, 4T
 Max of Signal: 49030 (823) CCD Integration Time: 850.26 ms

Condition: $T_x=28.9^\circ C$, $T_i=26.2^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2022-09-20 09:59:33
 Inspector:

Model placed on the Union market from 13/04/2023



EPREL registration number: 1555188

<https://eprel.ec.europa.eu/qr/1555188>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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