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: ELED700300

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	COB		
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	7	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	490 in Wide cone (120°)	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	3 000
On-mode power (P_{on}), expressed in W	7,0	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	80	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	100		
Depth	100		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,420 0,400
Parameters for LED and OLED light sources:				
R9 colour rendering index value		80	Survival factor	-
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
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)	1,0

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Lightsource Test Report

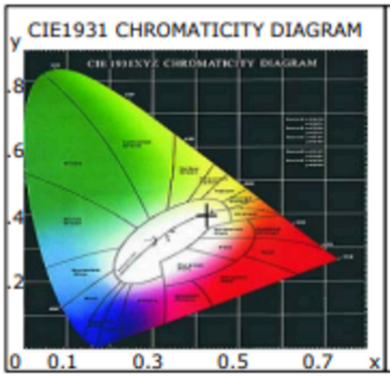
Product Infomation

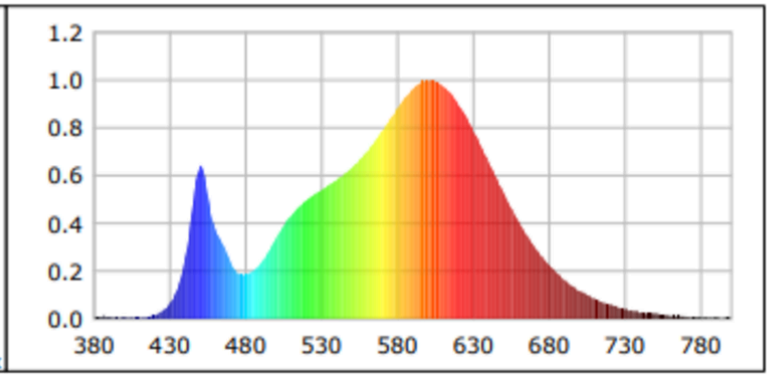
Product Category: ELED700300 Product Number: 38

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4267 y=0.4024 u(u')=0.2447 v=0.3461 v'=0.5192
CCT: Tc=3165K (duv=0.00084) Color Ratio: R=0.217 G=0.756 B=0.026
Peak Wavelength: 602nm Half Bandwidth: 131.2nm
Dominant Wavelength: 581.8nm Color Purity: 0.489
CRI: Ri: Ra= 81.6

R1 =80	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =82	R8 =57
R9 =0	R10=76	R11=80	R12=67	R13=82	R14=99	R15=72	





Photometric Parameters

Luminous Flux: 461.9 lm Efficiency: 72.52 lm/W Radiant Power: 1.359 W

Electric Parameters

Voltage: 221.00V Current: 0.0530A Power: 6.37W
Power Factor: 0.5390 Frequency: 49.99Hz

Test Infomation
Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 5 Sec Photometric Condition: Sphere diameter: 1.50m, 4∏
Max of Signal: 45528 (3287) CCD Integration Time: 1019.50 ms

Condition: Tx:22.4'C, Ti:19.8'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2021-01-21 14:18:45
Operator: Inspector:

Model placed on the Union market from 01/03/2024

EPREL registration number: 1905721

https://eprel.ec.europa.eu/qr/1905721

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