

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: ELED400153

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED fest verbaut		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
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	C
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°)	31 515 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	200,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,40
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	63	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	430	
	Depth	389	
			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)	0,370 0,370
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)	0,95	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)	0,1	Stroboscopic effect metric (SVM)	0,0

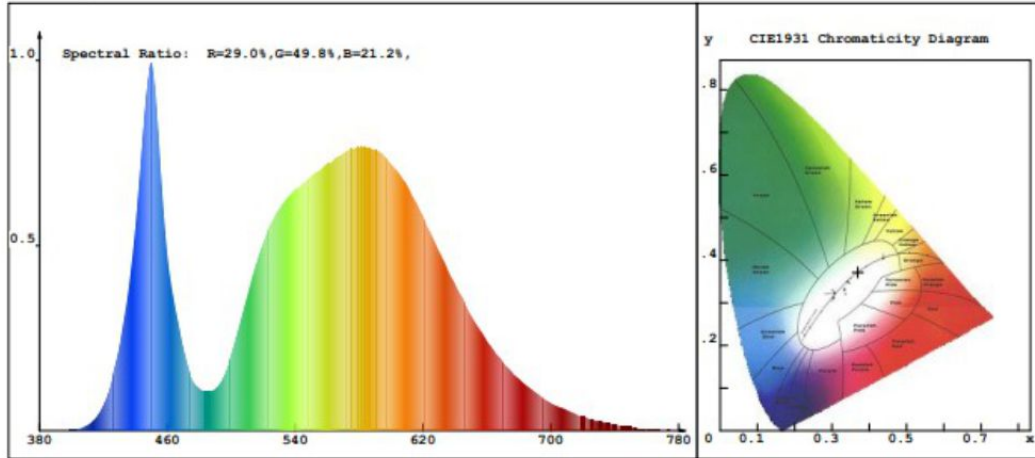
(a)-: not applicable;

(b)-: not applicable;

LED Test Report

Product Mark

Product Type : FL200RECH-PS-4000K-90D Manufacturer :
 Temperature : VINCE'C Humidity : 65%
 Operator : VINCE Test Date : 2022-06-30 14:08:19
 Remark :



Chroma Parameters

Chro.Coor.: x=0.3699 y=0.3718 u=0.2201 v=0.3319 duv=0.0009
 CCT: 4266K Dominant Wave.: 577.4nm Purity: 22.6%
 Flux RGB Ratio: R=16.1%, G=81.9%, B=2.0% Peak Wave: 449.5nm Half Width: 20.8nm

Rendering Index: Ra= 72.6

R1 =70 R2 =78 R3 =83 R4 =73 R5 =71 R6 =70 R7 =82 R8 =55
 R9 =-25 R10=47 R11=69 R12=41 R13=71 R14=90 R15=64

Photo Parameters

Flux: 31012.72lm Effi.: 158.9lm/W Radiant: 64212.7mW Iv: 0.0mcd
 Scotopic Flux: 49302.3Plm Effi.: 252.6Plm/W S/P: 1.6
 Efficiency: 0.086 Effi Level: A+ (EU 874-2012) Photon Number: 298.727umol/s

Ele. Parameters

Voltage: U=220.200V Current: I=0.9020A
 Power: P=195.20W Power Factor: PF=0.982

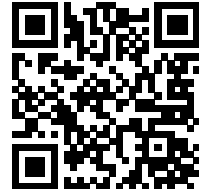
Lamp Parameters

Voltage: U=220.200V Current: I=0.9020A Power: P=195.20W
 Power Factor: PF=0.982 Efficacy: 0.0lm/W

Instrument state

Instrument: Hopoo HP8000S Integral Time: 9.055ms VPeak: 13722
 VDark: 1128 Product ID: 201809554

Model placed on the Union market from 25/11/2022



EPREL registration number: 1412211

<https://eprel.ec.europa.eu/qr/1412211>

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