

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: ELED800152

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:	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	60	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°)	8 540 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	60,0	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	539	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	422	
	Depth	422	
			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)	0,377 0,376
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

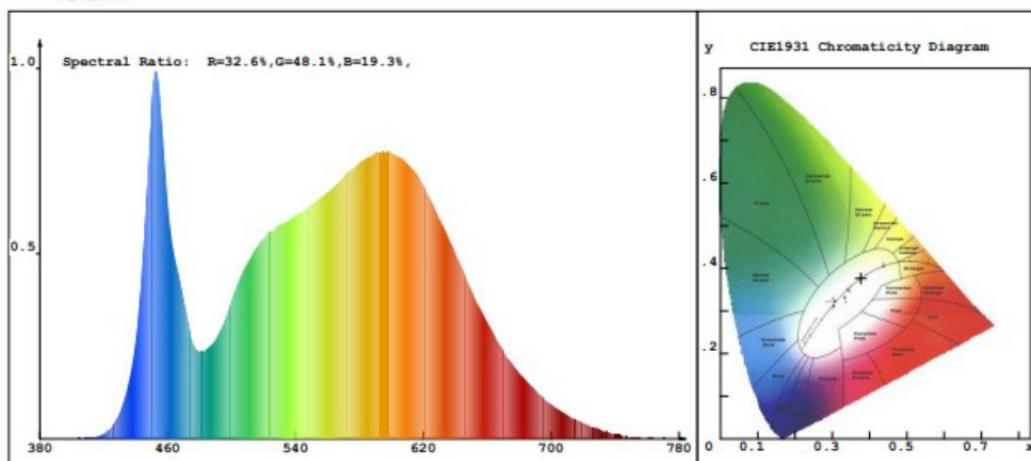
(a)-: not applicable;

(b)-: not applicable;

LED Test Report

Product Mark

Product Type :LN060HEGH-PM-4000K-90D Manufacturer :
 Temperature :VINCE'C Humidity : 65%
 Operator :VINCE Test Date :2022-02-28 19:02:04
 Remark:



Chroma Parameters

Chro.Coor.:x=0.3768 y=0.3763 u=0.2229 v=0.3339 duv=0.0009
 CCT: 4097K Dominant Wave.:578.2nm Purity:26.0%
 Flux RGB Ratio:R=18.2%,G=79.2%,B=2.6% Peak Wave:452.5nm Half Width:19.7nm

Rendering Index:Ra= 84.5

R1 =84 R2 =91 R3 =95 R4 =83 R5 =83 R6 =86 R7 =88 R8 =67
 R9 =15 R10=77 R11=82 R12=60 R13=86 R14=98 R15=78

Photo Parameters

Flux:8484.94lm Effi.:143.3lm/W Radiant:19568.6mW Iv:0.0mcd
 Scotopic Flux:14697.8Plm Effi.:248.1Plm/W S/P:1.7
 Efficiency:0.095 Effi Level:A++ (EU 874-2012) Photon Number:91.866umol/s

Ele. Parameters

Voltage:U=220.400V Current:I=0.2740A
 Power:P=59.23W Power Factor:PF=0.981

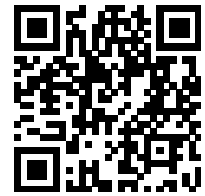
Lamp Parameters

Voltage:U=220.400V Current:I=0.2740A Power:P=59.23W
 Power Factor:PF=0.981 Efficacy:0.01m/W

Instrument state

Instrument:Hopoo HP8000S Integral Time: 30.383ms VPeak: 13802
 VDark: 1407 Product ID: 201809554

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



EPREL registration number: 1412298

<https://eprel.ec.europa.eu/qr/1412298>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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