

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: ELED700200

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:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	110	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°)	11 200 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	110,0	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	98
Outer dimensions without separate control gear, lighting control	Height	1 940	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	380	
	Depth	615	
			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	99	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;

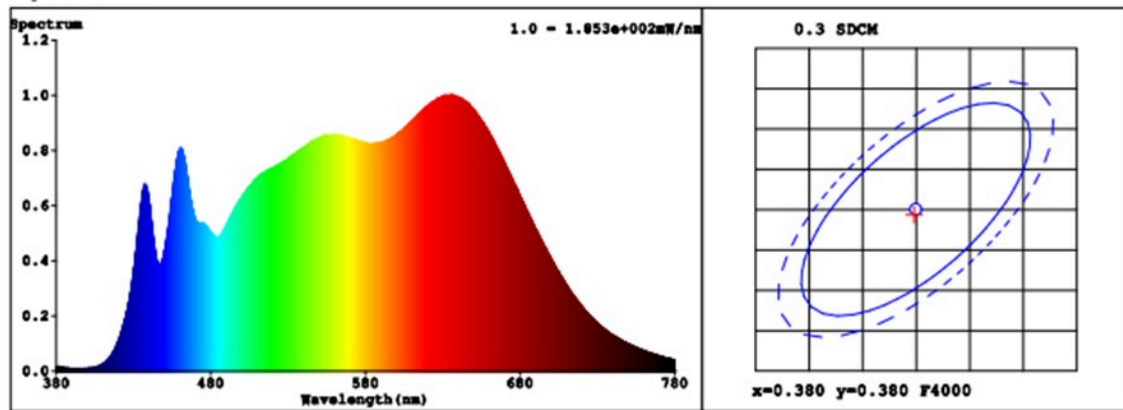
Spectrum Test Report

Sample	: Floor Lamp	Date	: 2023-12-20 14:48:12
Specification	:	Sam. Status	:
Sample No.	: UP&DOWN	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin	Test by	:
Remark	:		
Device SN	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57037 (87%)
Test Mode	: Fast Test	T	: 17 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3798$ $y = 0.3793$ / $u' = 0.2237$ $v' = 0.5026$ ($duv=1.38e-03$)
 CCT= 4035K Prcp WL: $L_d=578.2nm$ Purity=27.8%
 Peak WL: $L_p=635nm$ FWHM: =204.2nm Ratio:R=20.2% G=75.3% B=4.6%
 Render Index: $R_a = 98.2$

EEL: 0.14160 A+

R1 =99 R2 =98 R3 =96 R4 =99 R5 =98 R6 =97 R7 =99
 R8 =100 R9 =99 R10=95 R11=98 R12=87 R13=99 R14=97 R15=99

Photometric & Radiometric Parameters

Flux = 11148.0 lm Eff. : 97.96 lm/W $F_e = 40.177 W$
 Flux of emitted photons($\mu mol/s$):194.41 Fluo. and blue light ratio:5.409 Fluorescent eff.:295.0

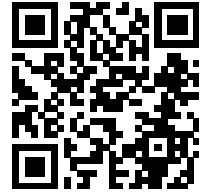
Electrical parameters

V = 219.72 V I = 0.5234 A P = 113.8 W PF = 0.9897 F=50.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Model placed on the Union market from 18/01/2024



EPREL registration number: 1851602

<https://eprel.ec.europa.eu/qr/1851602>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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