

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: LUXULA

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: LX300119

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:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

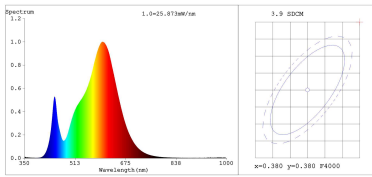
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 190 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	3 000 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	12,0	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	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	170	
	Depth	32	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	24	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,70	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



Color Parameters:

Chromaticity Coordinate: x=0.4353 y=0.4001/u'=0.2513 v'=0.5196
 CCT=2955K (Duv=-0.0014) Dominant Wl: 583.3nm Purity=50.7%
 Ratio: R=22.731% G=74.901% B=2.368% Peak Wl: 513nm FWHM=123.1nm
 Render Index: Ra=81.0 AvgR=75.2 TM30:Rf=79 Rg=97
 R1=79 R2=89 R3=86 R4=79 R5=80 R6=87 R7=81
 R8=56 R9=0 R10=76 R11=79 R12=73 R13=81 R14=98 R15=71

Photo Parameters:

Flux = 1251 lm Eff. : 112.17 lm/W Fe = 3.791 W

Electrical parameters:

V = 229.84 V I = 0.09189 A P = 11.15 W PF = 0.5279
 LEVEL: OUT WHITE: ANSI_3000K

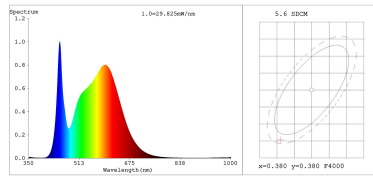
Status: Integral T = 24 ms Ip = 47818 (73%)

Number: Stable 3000K LED Module
 Date: 2023-02-13 16:00:57

Tester:
 Temperature: Deg
 Manufacturer:

Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3710 y=0.3653/u'=0.2234 v'=0.4950
 CCT=4188K (Duv=-0.0026) Dominant Wl: 580.1nm Purity=21.0%
 Ratio: R=18.263% G=77.809% B=3.928% Peak Wl: 513nm FWHM=22.2nm
 Render Index: Ra=85.4 AvgR=79.7 TM30:Rf=83 Rg=97
 R1=85 R2=91 R3=95 R4=85 R5=85 R6=87 R7=87
 R8=69 R9=19 R10=78 R11=85 R12=68 R13=86 R14=97 R15=79

Photo Parameters:

Flux = 1391 lm Eff. : 131.33 lm/W Fe = 4.364 W

Electrical parameters:

V = 229.83 V I = 0.08806 A P = 10.59 W PF = 0.5233
 LEVEL: OUT WHITE: ANSI_4000K

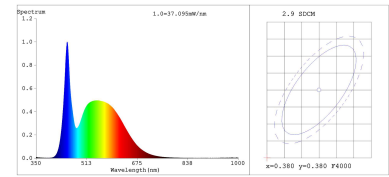
Status: Integral T = 24 ms Ip = 43736 (67%)

Number: Stable 4000K LED Module
 Date: 2023-02-13 16:00:57

Tester:
 Temperature: Deg
 Manufacturer:

Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3100 y=0.3308/u'=0.1953 v'=0.4689
 CCT=6636K (Duv=0.0054) Dominant Wl: 490.3nm Purity=8.1%
 Ratio: R=13.177% G=81.193% B=5.630% Peak Wl: 513nm FWHM=24.4nm
 Render Index: Ra=83.5 AvgR=76.5 TM30:Rf=83 Rg=95
 R1=81 R2=87 R3=90 R4=84 R5=83 R6=82 R7=89
 R8=72 R9=11 R10=68 R11=83 R12=61 R13=83 R14=95 R15=77

Photo Parameters:

Flux = 1196 lm Eff. : 106.68 lm/W Fe = 3.927 W

Electrical parameters:

V = 229.86 V I = 0.09223 A P = 11.21 W PF = 0.5289
 LEVEL: OUT WHITE: ANSI_6500K

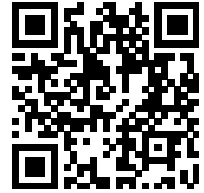
Status: Integral T = 24 ms Ip = 53015 (81%)

Number: Stable 6000K LED Module
 Date: 2023-02-13 16:01:21

Tester:
 Temperature: Deg
 Manufacturer:

Humidity: 65.0%
 Remarks:

Model placed on the Union market from 24/03/2023



EPREL registration number: 1535618

<https://eprel.ec.europa.eu/qr/1535618>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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