

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: LX300204

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

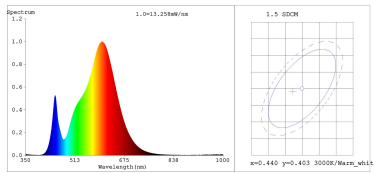
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	525 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	6,0	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	122	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	122	
	Depth	35	
			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=0.4373 y=0.4021/u*=0.2516 v*=0.5207
 CCT=2978K (Duv=-0.0088) Dominant Wavelength=583.2nm Purity=11.9%
 Ratio: R=22.774% G=74.926% B=2.300% Peak Wavelength=599.7nm FWHM=123.0nm
 Rander Index: Ra=80.8 AvgR=74.9 TM30:Rf=79 Rg=97
 R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =87 R7 =82
 R8 =56 R9 =0 R10=75 R11=79 R12=72 R13=81 R14=98 R15=71

Photo Parameters:

Flux = 638.7 lm Eff. : 106.12 lm/W Pe = 1.934 M

Electrical parameters:

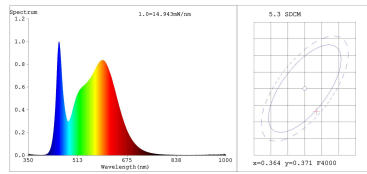
V = 229.82 V I = 0.33386 A P = 6.018 W PF = 0.7726

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 42 ms Ip = 42866 (658)

Number: Stable 3000K LED
 Tester: Module
 Temperature: Deg Date: 2023-03-08 19:45:12
 Manufacturer: Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3676 y=0.3638/u*=0.2218 v*=0.4938
 CCT=4262K (Duv=-0.0022) Dominant Wavelength=579.5nm Purity=13.5%
 Ratio: R=17.933% G=77.866% B=4.198% Peak Wavelength=450.2nm FWHM=25.7nm
 Rander Index: Ra=85.3 AvgR=79.6 TM30:Rf=83 Rg=96
 R1 =84 R2 =92 R3 =96 R4 =84 R5 =85 R6 =88 R7 =86
 R8 =68 R9 =17 R10=80 R11=84 R12=67 R13=87 R14=98 R15=79

Photo Parameters:

Flux = 726.3 lm Eff. : 126.97 lm/W Pe = 2.273 M

Electrical parameters:

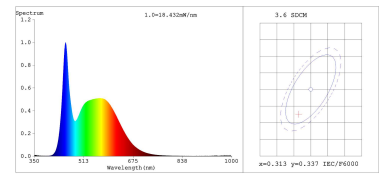
V = 229.90 V I = 0.32262 A P = 5.720 W PF = 0.7628

LEVEL:OUT WHITE:ANSI_4500K

Status: Integral T = 42 ms Ip = 39962 (618)

Number: Stable 4000K LED
 Tester: Module
 Temperature: Deg Date: 2023-03-08 19:45:37
 Manufacturer: Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3094 y=0.3295/u*=0.1954 v*=0.4681
 CCT=6679K (Duv=0.0051) Dominant Wavelength=489.7nm Purity=8.3%
 Ratio: R=13.081% G=80.809% B=6.111% Peak Wavelength=452.6nm FWHM=27.7nm
 Rander Index: Ra=83.7 AvgR=76.5 TM30:Rf=82 Rg=93
 R1 =81 R2 =89 R3 =93 R4 =82 R5 =82 R6 =85 R7 =88
 R8 =69 R9 =5 R10=74 R11=81 R12=61 R13=84 R14=97 R15=76

Photo Parameters:

Flux = 615.3 lm Eff. : 102.53 lm/W Pe = 2.009 M

Electrical parameters:

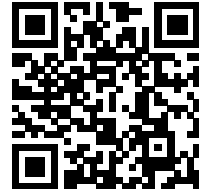
V = 229.90 V I = 0.33386 A P = 6.001 W PF = 0.7725

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 42 ms Ip = 46933 (724)

Number: Stable 6000K LED
 Tester: Module
 Temperature: Deg Date: 2023-03-08 19:46:36
 Manufacturer: Humidity: 65.0%
 Remarks:

Model placed on the Union market from 03/04/2023



EPREL registration number: 1546158

<https://eprel.ec.europa.eu/qr/1546158>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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