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: LX400300

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:	No	Dimmable:	No

Product parameters

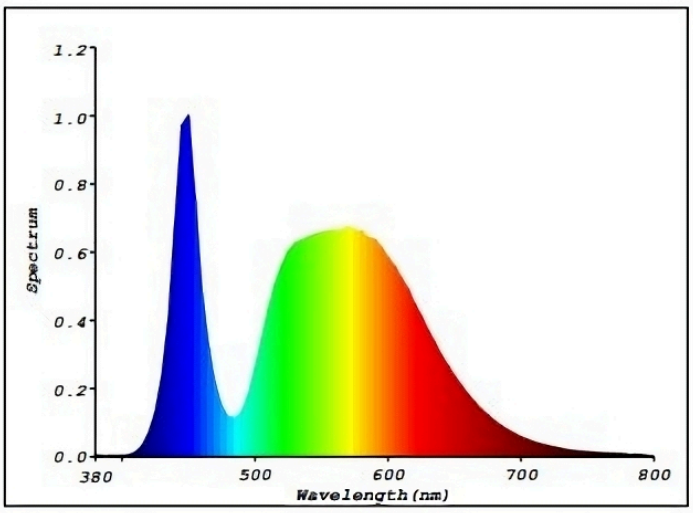
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	500	Energy efficiency class	D
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	70 000 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	5 000
On-mode power (P_{on}), expressed in W	500,0	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	70
Outer dimensions without separate control gear, lighting control — Height	530	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	523		
Outer dimensions without separate control gear, lighting control — Depth	65		

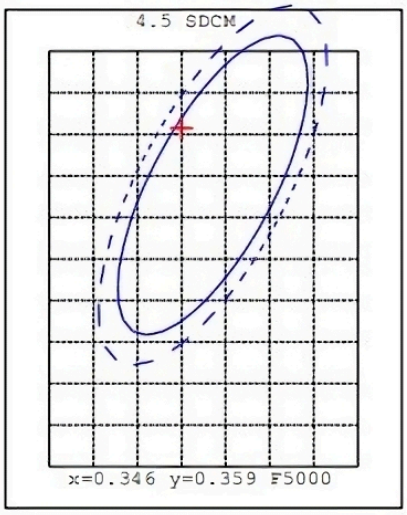
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,346 0,359
Parameters for LED and OLED light sources:				
R9 colour rendering index value		80	Survival factor	-
the lumen maintenance factor		-		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)	0,0

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3430 y=0.3645
Chromaticity Coordinate:u'=0.3430 v'=0.3645(duv=7.21e-03)
Tc=5117K Dominant WL:Ld=565.4nm Purity=12.3% Centroid WL:553.0nm
Ratio:R=15.0% G=82.3% B=2.7% Peak WL:Lp=450.0nm HWL:23.0nm
Render Index:Ra=71.7

R1 =69	R2 =76	R3 =82	R4 =73	R5 =70	R6 =68	R7 =81
R8 =56	R9 =-35	R10=43	R11=71	R12=42	R13=69	R14=90	R15=62

Photo Parameters:

Flux: 64414 lm Fe: 187.68 W Efficacy:130.6 lm/W

Electrical Parameters:

Luminaire: U=237.1V I=2.104A P=493.1W PF=0.9884

Instrument Status:
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=11920(G=2,D=45)
REF=10689(R=2) %=-0.141% PMT: 22.8 centigrade [150.0]

Product Type:500W
Number:1
Temperature:25.3 deg
Test Operator:L
Software:V2.00.100

Manufacturer:TR
Test Department:TR
Humidity:65.0%
Test Date:2023-05-27 15:38:23
Instrument:PMS-80_V1 (SN:1007038)

Model placed on the Union market from 31/12/2024

EPREL registration number: 2219852

https://eprel.ec.europa.eu/qr/2219852

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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