Product Information Sheet

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

Supplier's name or trade mark: Ledino

Supplier's address: Zentrale, Spitzahornweg 1, 14974 Ludwigsfelde, DE

Model identifier: 11231006001022

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	offenes Kabelende		
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:	Only with specific dimmers

Product parameters

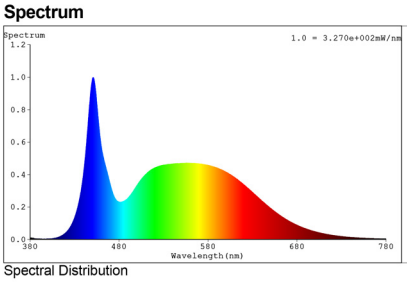
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	13 000 in Wide cone (120°)	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	6 500
On-mode power (P_{on}), expressed in W	100,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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, light-	Height	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	270		
	Depth	270		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,317 0,333
Parameters for directional light sources:				
Peak luminous intensity (cd)		4 673	Beam angle in degrees, or the range of beam angles that can be set	116
Parameters for LED and OLED light sources:				
R9 colour rendering index value		10	Survival factor	1,00
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,98	Colour consistency in McAdam ellipses	1
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

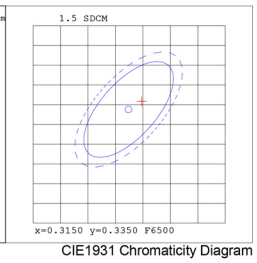
[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3171 y = 0.3366 / u' = 0.1980 v' = 0.4730 (duv=4.93e-03)
CCT= 6230K Prcp WL: Ld=494.3nm Purity=5.3%
Peak WL: Lp=451nm FWHM: =21.3nm Ratio:R=13.7% G=81.0% B=5.4%

Render Index: Ra = 83.4

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =83	R7 =89	
R8 =71	R9 =10	R10=70	R11=83	R12=59	R13=83	R14=95	R15=77

Photometric & Radiometric Parameters

Flux = 9491.5 lm Eff. : 92.98 lm/W Fe = 30.469 W
Flux of emitted photons(umol/s):137.73 Fluo. and blue light ratio:2.711 Fluorescent eff.:215.8
Photons1:1.348e+002 umol/s(400~700nm) Photons2:1.348e+002 umol/s(400~700nm)

Electrical parameters

V = 230.0 V I = 0.4485 A P = 102.1 W PF = 0.9896

Model placed on the Union market from 01/12/2021

EPREL registration number: 964161

https://eprel.ec.europa.eu/qr/964161

Supplier: Joachim Arendt (Importer)

Website:

Customer care service:

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