

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: 11232006001022

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
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General product parameters:

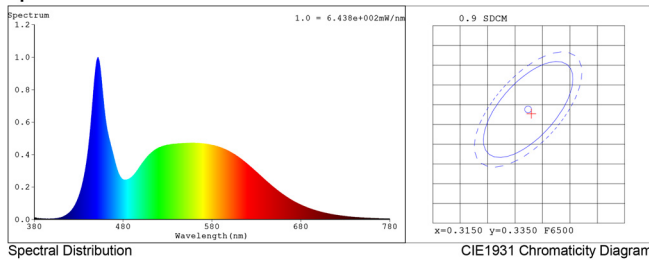
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	26 000 in Wide cone (120°)	Correlated colour temperature, 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	200,0	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	194	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	339	
	Depth	339	
			See image in last page

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)	0,318 0,333
Parameters for directional light sources:			
Peak luminous intensity (cd)	9 274	Beam angle in degrees, or the range of beam angles that can be set	115
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	Survival factor	1,00
the lumen maintenance factor	0,97		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,99	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)	0,2	Stroboscopic effect metric (SVM)	0,0

(a)'.-' : not applicable;

(b)'.-' : not applicable;

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3155$ $y = 0.3341$ / $u' = 0.1978$ $v' = 0.4715$ ($duv=4.44e-03$)
CCT= 6324K Prcp WL: $\lambda_d=492.3nm$ Purity=6.0%
Peak WL: $\lambda_p=452nm$ FWHM: $=22.4nm$ Ratio:R=13.7% G=80.8% B=5.6%

Render Index: Ra = 84.0

R1 =82 R2 =88 R3 =92 R4 =84 R5 =83 R6 =83 R7 =89
R8 =71 R9 =12 R10=71 R11=83 R12=59 R13=84 R14=96 R15=78

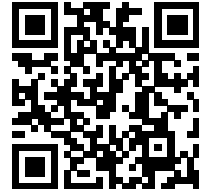
Photometric & Radiometric Parameters

Flux = 18762 lm Eff. : 95.36 lm/W $\Phi_e = 60.713 W$
Flux of emitted photons($\mu mol/s$):274.23 Fluo. and blue light ratio:2.589 Fluorescent eff.:221.2
Photons1:2.683e+002 $\mu mol/s(400\sim 700nm)$ Photons2:2.683e+002 $\mu mol/s(400\sim 700nm)$

Electrical parameters

V = 230.0 V I = 0.8613 A P = 196.7 W PF = 0.9933

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



EPREL registration number: 964167

<https://eprel.ec.europa.eu/qr/964167>

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Website:

Customer care service:

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