

Product Information		Lepro   LE	
Product conformity acc. to	:	Ecodesign requirements	
Supplier's name or trade mark	:	Lepro, LE	
Supplier's address	:	One Spencer Dock, North Wall Quay, Dublin 1, D01 X9R7, Ireland	
Model identifier	:	210003-EU	
Model identifier of all equivalent models	:		
With separate control gear	:	yes	
<b>Type of light source</b>			
Lighting technology used	:	LED	Non-directional or directional
Mains or non-mains	:	NMLS	Connected light source (CLS)
Colour-tunable light source	:	yes	Envelope
High luminance light source	:	no	Anti-glare shield
Dimmable	:	yes	
<b>General product parameters</b>			
Energy consumption in on-mode (kWh/1000h)	:	5.0	Energy efficiency class
Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)	:	350 in sphere	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures rounded to the nearest 100K, that can be set
On-mode power (Pon), expressed in W	:	5.0	Standby power (Psb) expressed in W and rounded to the second decimal
Networked standby power (Pnet) 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
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts if any (mm)	:	Height: 180 Width: 100 Depth: 100	Spectral power distribution in the range 250nm to 800 nm at full-load
Claim of equivalent power	:	-	If yes, equivalent power (W)
	:		Chromaticity coordinates (x and y)
	:		0.380, 0.380
<b>Parameters for directional light sources</b>			
Peak luminous intensity (cd)	:	-	Beam angle in degrees, or the range of beam angles that can be set
<b>Parameters for LED and OLED light sources</b>			
R9 colour rendering index value	:	10	Survival factor
the lumen maintenance factor	:	0.96	
<b>Parameters for LED and OLED mains light sources</b>			
displacement factor	:	-	Colour consistency in McAdam ellipses
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	:	-	If yes then replacement claim (W)
Flicker metric (Pst LM)	:	-	Stroboscopic effect metric (SVM)

Declared/Measured values			
Voltage (V)	: 5	Useful luminous flux (lm)	: 350
			in sphere
Frequency (Hz)	: DC	Luminance-HLLS (cd/mm <sup>2</sup> )	: -
			HLLS
On-mode power P <sub>on</sub> (W)	: 5.0	Beam angle (°)	: -
			DLS
Standby power P <sub>sb</sub> (W)	: 0.40	Networked standby power P <sub>net</sub> (W)	: -
			CLS
Displacement factor	: 1	CCT(K)	: 4000
Colour consistency (SDCM)	: 6	CRI	: 80
Flicker metric P <sub>stLM</sub>	: 0.23	Stroboscopic effect metric SVM	: 0.06
P <sub>onmax</sub> (W)	: 4.8	excitation purity for Blue 440nm-490nm	: 95%
			CTLS
Total mains efficacy (lm/W)	: 61	excitation purity for Green 520nm-570nm	: 88%
			CTLS
LB0750(H)	: 25000	excitation purity for Red 610nm-670nm	: 99%
			CTLS
Parameters for separate control gear			
Voltage (V)	: 100-240	Maximum output power (W)	: 7.5
No-load power P <sub>no</sub> (W)	: 0.00	Efficiency in full load (%)	: 78
Standby power P <sub>sb</sub> (W)	: 0.40	Networked standby power P <sub>net</sub> (W)	: -
the type of light sources for which it is intended	: NMLS LED	compatible dimmable light sources	: -
Outer dimensions (mm)	Height	61.4	mass(g)
	Width	33.2	
	Depth	23.2	
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM (lm/W)=61 lm/W$ $\eta_{TM} < 85$ energy efficiency class correspond to G"			
Energy efficiency and functional requirements			
Classification acc. To 2019/2020	<input type="checkbox"/>	Directional lamp	<input checked="" type="checkbox"/>
Compliance:	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>
		No	
Measurement conditions			
Standards	:	EU 2019/2015, EU 2019/2020	
Tolerances	:	according to ErP regulation	
Measurement setup	:	4P, SSL port, 1.5m sphere	
Voltage (V)	:	declared voltage	
Burning position	:	Base up	
Ambient temperature:	:	25°C +/- 2K	
Burn in	:	1h	
Total operating time during measurement	:	15min	
Non standard stability criteria	:	Luminous flux tolerance 0.5% within 60 sec.	
Uncertainties	:	according to JCGM (GUM) and CIE 198	
Important notes / WARNINGS:			
<b>This light source is only for use in applications requiring high-quality coloured light. Use of this light source will lead to increased energy cost compared to an equivalent more energy efficient product.</b> <b>colour-tuneable light sources measured at dominant wavelength with a minimum excitation purity of:</b>			
	Blue	440nm — 490nm	90 %
	Green	520nm — 570nm	65 %
	Red	610nm — 670nm	95 %
<b>The product needs to be powered off before install; Please see users' instruction</b>			
Signature	:	Vick Xun	