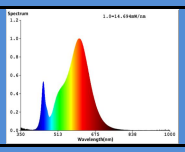
Product Information

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 indentifier	:	PR901503-EU
Model indentifier of all equivalent models	:	-
With separate control gear	:	no

Type of light source

Lighting technology used	:	LED	Non-directional or directional	:	NDLS
Mains or non-mains	:	MLS	Connected light source(CLS)	:	yes
Colour-tuneable light source	:	yes	Envelope	:	non-clear
High luminance light source	:	no	Anti-glare shield	:	no
Dimmable	:	yes			

General product parameters

Energy consumption in on-mode(kWh/1000h)	:	15.0	Energy efficiency class	:	G
Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)	:	1250 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	:	3000
On-mode power(Pon),expressed in W	:	15.0	Standby power (Psb) expressed in W and rounded to the second decimal	:	0.40
Networked standby power(Pnet) for CLS, expressed in W and rounded to the second decimal	:	0.40	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 parts and non-lighting control parts if any(mm)	Height	48	Spectral power distribution in the range 250nm to 800 nm at full-load	:	
	Width	220			
	Depth	220			
Claim of equivalent power	:	-	If yes,equivalent power (W)	:	-
			Chromaticity coordinates (x and y)	:	0.440,0.403

Parameters for directional light sources

Peak luminous intensity (cd)	:	-	Beam angle in degrees, or the range of beam angles that can be set	:	-

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	:	0.95	Colour consistency in McAdam ellipses	:	6
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)	:	0.2	Stroboscopic effect metric (SVM)	:	0.1

Declared/Measured values

Voltage (V)	:	230	Useful luminous flux (lm)	:	1250	in sphere
Frequency (Hz)	:	50	Luminance-HLLS (cd/mm²)	:	-	HLLS
On-mode power Pon (W)	:	15.0	Beam angle (°)	:	-	DLS
Standby power Psb (W)	:	0.40	Networked standby power Pnet (W)	:	0.40	CLS
Displacement factor	:	0.95	CCT(K)	:	2700-6500	
Colour consistency (SDCM)	:	6	CRI	:	80	
Flicker metric PstLM	:	0.2	Stroboscopic effect metric SVM	:	0.1	
Ponmax (W)	:	12.9	excitation purity for Blue 440nm-490nm		95%	CTLS
Total mains efficacy (lm/W)		83	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)	:	-	Maximum output power (W)	:	-
No-load power Pno (W)	:	-	Efficiency in full load (%)	:	-
Standby power Psb (W)	:	-	Networked standby power Pnet (W)	:	-
the type of light sources for which it is intended	:	-	compatible dimmable light sources	:	-
Outer dimensions (mm) Hight		-	mass(g)	:	-
Outer dimensions (mm) Width		-			
Outer dimensions (mm) Depth		-			

"ηTM = (Φuse/Pon) × FTM (lm/W)=83 lm/W
ηTM < 85 energy efficiency class correspond to G"

Energy efficiency and functional requirements

Classification acc. To 2019/2020 Compliance:		Directional lamp	x	Non directional lamp
	x	Yes		No

Measurement conditions

Standards	:	EU 2019/2015, EU 2019/2020
Tolerances	:	according to ErP regulation
Measurement setup	:	4P, SSL port, 1.5m spere
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:

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.
colour-tuneable light sources measured at dominant wavelength with a minimum excitation purity of:

Blue	440nm — 490nm	90 %
Green	520nm — 570nm	65 %
Red	610nm — 670nm	95 %

The product needs to be powered off before install; Please see users' instruction

Signature : Vich Xun