

Product Information		Lepro   LE	
Product conformity acc. to	:	Ecodesign requirements	
Supplier's name or trade mark	:	Lepro, LE	
Supplier's address	:	LE Innovation Limited One Spencer Dock, North Wall Quay, Dublin 1, D01 X9R7,	
Model identifier	:	902004-EU-4	
Model identifier of all equivalent models	:	902004-EU-4	
With separate control gear	:	no	
<b>Type of light source</b>			
Lighting technology used	:	LED	Non-directional or directional
Mains or non-mains	:	MLS	Connected light source(CLS)
Colour-tuneable light source	:	no	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)	:	385	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	:	4.5	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	:	0.50	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 57 Width 50 Depth 50	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)
			0.463,0.420
<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	:	0.7	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)	:	0.23	Stroboscopic effect metric (SVM)
			0.1

Declared/Measured values			
Voltage (V)	:	230	Useful luminous flux (lm) : 385 in sphere
Frequency (Hz)	:	50	Luminance-HLLS (cd/mm²) : - HLLS
On-mode power P <sub>on</sub> (W)	:	4.5	Beam angle (°) : - DLS
Standby power P <sub>sb</sub> (W)	:	0.00	Networked standby power P <sub>net</sub> (W) : 0.00 CLS
Displacement factor	:	0.7	CCT(K) : 2700
Colour consistency (SDCM)	:	6	CRI : 80
Flicker metric P <sub>stLM</sub>	:	0.23	Stroboscopic effect metric SVM : 0.1
P <sub>onmax</sub> (W)	:	5.6	excitation purity for Blue 440nm-490nm : - CTLS
Total mains efficacy (lm/W)	:	85.6	excitation purity for Green 520nm-570nm : - CTLS
LB0750(H)	:	15000	excitation purity for Red 610nm-670nm : - CTLS
Parameters for separate control gear			
Voltage (V)	:	-	Maximum output power (W) : -
No-load power P <sub>no</sub> (W)	:	-	Efficiency in full load (%) : -
Standby power P <sub>sb</sub> (W)	:	-	Networked standby power P <sub>net</sub> (W) : -
the type of light sources for which it is intended	:	-	compatible dimmable light sources : -
Outer dimensions (mm)	Hight	-	mass(g) : -
	Width	-	
	Depth	-	
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM (lm/W)=85.6 lm/W$ $85 \leq \eta_{TM} < 110$ energy efficiency class correspond to F			
Energy efficiency and functional requirements			
Classification acc. To 2019/2020	<input type="checkbox"/>	Directional lamp	<input checked="" type="checkbox"/> Non directional lamp
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>The product needs to be powered off before install; Please see users' instruction</b>			
Signature	:	Vick Xun	