

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		:	PR370001-NW-EU-4		
Model identifier of all equivalent models		:	-		
With separate control gear		:	no		
Type of light source					
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		:	no		
General product parameters					
Energy consumption in on-mode(kWh/1000h)		:	36.0	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)		:	5400	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		:	36.0	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 66 Width 77 Depth 1200	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)	
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		:	15	Survival factor	
the lumen maintenance factor		:	0.92		
Parameters for LED and OLED mains light sources					
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)		:	1	Stroboscopic effect metric (SVM)	

Declared/Measured values					
Voltage (V)	:	AC220-240V	Useful luminous flux (lm)	:	5400
Frequency (Hz)	:	50/60Hz	Luminance-HLLS (cd/mm²)	:	-
On-mode power Pon (W)	:	36	Beam angle (°)	:	-
Standby power Psb (W)	:	0	Networked standby power Pnet (W)	:	-
Displacement factor	:	-	CCT(K)	:	4000
Colour consistency (SDCM)	:	6	CRI	:	80
Flicker metric PstLM	:	0.3	Stroboscopic effect metric SVM	:	0.002
Ponmax (W)	:	36	excitation purity for Blue 440nm-490nm	:	-
Total mains efficacy (lm/W)	:	150	excitation purity for Green 520nm-570nm	:	-
LB0750(H)	:	50000	excitation purity for Red 610nm-670nm	:	-
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)	:	
	Width			:	
	Depth			:	
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM \text{ (lm/W)} = 150 \text{ lm/W}$ $135 \leq \eta_{TM} < 160$ energy efficiency class correspond to D					
Energy efficiency and functional requirements					
Classification acc. To 2019/2020		Directional lamp		☒ Non directional lamp	
Compliance:	☒ 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:					
The product needs to be powered off before install; Please see users' instruction					
Signature	:	Vicki Xun			