

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		:	PR310002-DWW-EU		
Model identifier of all equivalent models		:			
With separate control gear		:	yes		
Type of light source					
Lighting technology used		:	LED	Non-directional or directional	
Mains or non-mains		:	NMLS	Connected light source(CLS)	
Colour-tuneable light source		:	no	Envelope	
High luminance light source		:	no	Anti-glare shield	
Dimmable		:	yes		
General product parameters					
Energy consumption in on-mode(kWh/1000h)		:	7.0	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)		:	655	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		:	7.0	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 39.5 Width 100 Depth 403	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)	
		:	-	0.322, 0.331	
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		:		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)	
		:		0.4	

Declared/Measured values							
Voltage (V)	:	12		Useful luminous flux (lm)	:	655	in sphere
Frequency (Hz)	:	DC		Luminance-HLLS (cd/mm²)	:	-	HLLS
On-mode power Pon (W)	:	7		Beam angle (°)	:	-	DLS
Standby power Psb (W)	:	0.4		Networked standby power Pnet (W)	:	-	CLS
Displacement factor	:	-		CCT(K)	:	6000	
Colour consistency (SDCM)	:	6		CRI	:	80	
Flicker metric PstLM	:	0.3		Stroboscopic effect metric SVM	:	0.002	
Ponmax (W)	:	7		excitation purity for Blue 440nm-490nm	:	-	CTLS
Total mains efficacy (lm/W)	:	86.64		excitation purity for Green 520nm-570nm	:	-	CTLS
LB0750(H)	:	15000		excitation purity for Red 610nm-670nm	:	-	CTLS
Parameters for separate control gear							
Voltage (V)	:	100-240		Maximum output power (W)	:	12	
No-load power Pno (W)	:	0.1		Efficiency in full load (%)	:	81	
Standby power Psb (W)	:	0.5		Networked standby power Pnet (W)	:	0.4	
the type of light sources for which it is intended	:	NMLS	LED	compatible dimmable light sources	:	only the together light source	
Outer dimensions (mm)	Hight	54		mass(g)	:	80	
	Width	36					
	Depth	250					
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM \text{ (lm/W)} = 86.64 \text{ lm/W}$ $85 \leq \eta_{TM} < 110$ energy efficiency class correspond to F							
Energy efficiency and functional requirements							
Classification acc. To 2019/2020		Directional lamp		x	Non directional lamp		
Compliance:	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:							
1、 This product contains replaceable light sources and separated control gears. The replace able shall be the same model no. and brands.							
2、 Seperate the light source and control gears from the containing products at the end of life.							
Signature : Vick Xun							