

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		:	310005-DWW	
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)	:	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)	:	460	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 799 Width 14 Depth 14	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	:	-	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)	:	5		Useful luminous flux (lm)	: 460	in sphere
Frequency (Hz)	:	DC		Luminance-HLLS (cd/mm²)	:	-
On-mode power Pon (W)	:	5		Beam angle (°)	:	-
Standby power Psb (W)	:	0.2		Networked standby power Pnet (W)	:	-
Displacement factor	:	-		CCT(K)	:	6000
Colour consistency (SDCM)	:	6		CRI	:	80
Flicker metric PstLM	:	0.3		Stroboscopic effect metric SVM	:	0.002
Ponmax (W)	:	5.2		excitation purity for Blue 440nm-490nm	:	-
Total mains efficacy (lm/W)	:	85.19		excitation purity for Green 520nm-570nm	:	-
LB0750(H)	:	15000		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				:	
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM \text{ (lm/W)} = 85.19 \text{ lm/W}$ $85 \leq \eta_{TM} < 110$ energy efficiency class correspond to F						
Energy efficiency and functional requirements						
Classification acc. To 2019/2020		Directional lamp		☒ 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:						
1、 This product contains replaceable light sources and separated control gears. The replacce 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.						
The product needs to be powered off before install; Please see users' instruction						
Signature	:	Vick Xun				