

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		:	1500048-NW	
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)	:	24.0	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)	:	2200	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	:	24.0	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 265 Width 265 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)	:
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)	:	2400 in sphere
Frequency (Hz)	:	50/60Hz	Luminance-HLLS (cd/mm²)	:	- HLLS
On-mode power Pon (W)	:	24	Beam angle (°)	:	- DLS
Standby power Psb (W)	:	0.4	Networked standby power Pnet (W)	:	- CLS
Displacement factor	:	-	CCT(K)	:	4000
Colour consistency (SDCM)	:	6	CRI	:	80
Flicker metric PstLM	:	0.3	Stroboscopic effect metric SVM	:	0.002
Ponmax (W)	:	19.8	excitation purity for Blue 440nm-490nm	:	- CTLS
Total mains efficacy (lm/W)	:	91.66	excitation purity for Green 520nm-570nm	:	- CTLS
LB0750(H)	:	25000	excitation purity for Red 610nm-670nm	:	- 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)	:	
	Width			:	
	Depth			:	
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM \text{ (lm/W)} = 91.66 \text{ lm/W}$ $85 \leq \eta_{TM} < 110$ 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:					
The product needs to be powered off before install; Please see users' instruction					
Signature	:	Vick Xun			