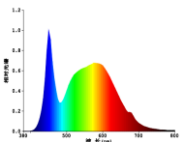


Product Information				Lepro LE		
Product conformity acc. to		:	Ecodesign requirements			
Supplier's name or trade mark		:	Lepro, LE			
Supplier's address		:	LE Innovation Limited One Spencer Dock, North Wall Quay, Dublin 1, D01 X9R7,			
Model identifier		:	4100057-DW-2			
Model identifier of all equivalent models		:	4100057-DW-2			
With separate control gear		:	no			
Type of light source						
Lighting technology used		:	LED	Non-directional or directional	:	NDLS
Mains or non-mains		:	NMLS	Connected light source(CLS)	:	no
Colour-tuneable light source		:	no	Envelope	:	non-clear
High luminance light source		:	no	Anti-glare shield	:	no
Dimmable		:	no			
General product parameters						
Energy consumption in on-mode(kWh/1000h)		:	16	Energy efficiency class	:	E
Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)		:	2300(Basing on 50cm length light source measurement)	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures,rounded to the nearest 100K, that can be set	:	5000
On-mode power(Pon),expressed in W		:	16	Standby power (Psb) expressed in W and rounded to the second decimal	:	0.00
Networked standby power(Pnet) for CLS, expressed in W and rounded to the second decimal		:	0.00	Colour rendering index, rounded to the nearest integer, or the range of CRI values that can be set	:	80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts if any(mm)		:	Height / Width / Depth 8 / 5000	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)	:	0.346,0.359
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		:	10	Survival factor	:	1.00
the lumen maintenance factor		:	0.96			
Parameters for LED and OLED mains light sources						
displacement factor		:	1	Colour consistency in McAdam ellipses	:	6
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)	:	12	Useful luminous flux (lm)	:	2300 (Basing on 50cm length light source measurement) in sphere
Frequency (Hz)	:	/	Luminance-HLLS (cd/mm²)	:	- HLLS
On-mode power Pon (W)	:	16.0	Beam angle (°)	:	- DLS
Standby power Psb (W)	:	0.00	Networked standby power Pnet (W)	:	0.00 CLS
Displacement factor	:	1	CCT(K)	:	2700
Colour consistency (SDCM)	:	6	CRI	:	80
Flicker metric PstLM	:	0.23	Stroboscopic effect metric SVM	:	0.1
Ponmax (W)	:	20.7	excitation purity for Blue 440nm-490nm	:	- CTLS
Total mains efficacy (lm/W)	:	143.75	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 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	-			
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM (lm/W) = 143.75 lm/W$ $135 \leq \eta_{TM} < 160$ energy efficiency class correspond to D, but we declare E					
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			