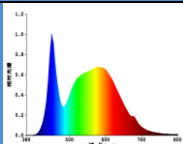


Product Information			Lepro LE	
Product conformity acc. to		:	Ecodesign requirements	
Supplier's name or trade mark		:	Lepro, LE	
Supplier's address		:	LE Innovation Limited One Spencer Dock, North Wall Quay, Dublin 1, D01 X9R7,	
Model identifier		:	4100057-DW	
Model identifier of all equivalent models		:	4100057-DW	
With separate control gear		:	no	
Type of light source				
Lighting technology used		:	LED	Non-directional or directional : NDLS Connected light source(CLS) : no Envelope : non-clear Anti-glare shield : no
Mains or non-mains		:	NMLS	
Colour-tuneable light source		:	no	
High luminance light source		:	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)	
On-mode power(Pon),expressed in W		:	16	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
Networked standby power(Pnet) for CLS, expressed in W and rounded to the second decimal		:	0.00	
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	☒	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	:	Vick Xun		