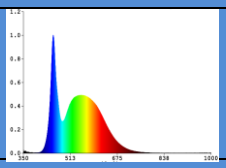
Product Information

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 indentifier	:	PR410088-DW-EU			
Model indentifier of all equivalent models	:	PR410088-DW-EU			
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)	:	yes
Colour-tuneable light source	:	yes		Envelope	:	non-clear
High luminance light source	:	no		Anti-glare shield	:	no
Dimmable	:	yes				
General product parameters						
Energy consumption in on-mode(kWh/1000h)	:	18.0		Energy efficiency class	:	G
Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)	:	2000(Basing on 50cm length light source measurement)	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	:	6000
On-mode power(Pon),expressed in W	:	18.0		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)	**Hight**	/		Spectral power distribution in the range 250nm to 800 nm at full-load	:	
	Width	10				
	Depth	10000				
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	:	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 （base on 50cm）							
Voltage (V)	:	24		Useful luminous flux (lm)	:	2000（Basing on 50cm length light source measurement in sphere	
Frequency (Hz)	:	/		Luminance-HLLS (cd/mm²)	:	-	HLLS
On-mode power Pon (W)	:	18.0		Beam angle (°)	:	-	DLS
Standby power Psb (W)	:	0.00		Networked standby power Pnet (W)	:	0.00	CLS
Displacement factor	:	1		CCT(K)	:	6000	
Colour consistency (SDCM)	:	6		CRI	:	80	
Flicker metric PstLM	:	0.23		Stroboscopic effect metric SVM	:	0.1	
Ponmax (W)	:	18.2		excitation purity for Blue 440nm-490nm		-	CTLS
Total mains efficacy (lm/W)		111.1		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)	:	18	
No-load power Pno (W)	:	0		Efficiency in full load (%)	:	85%	
Standby power Psb (W)	:	0		Networked standby power Pnet (W)	:	0	
the type of light sources for which it is intended	:	-	-	compatible dimmable light sources	:	-only the together light source	
Outer dimensions (mm)	Hight	68		mass(g)	:	85	
	Width	40					
	Depth	70					

ηTM = (Φuse/Pon) × FTM (lm/W)=111.1 lm/W

110 ≤ ηTM < 135 energy efficiency class correspond to E，but we declare G

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 : Vich Xun