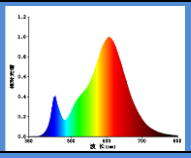
Product Information

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	:	902004-EU-2
Model indentifier of all equivalent models	:	902004-EU-2
With separate control gear	:	no

Type of light source

Lighting technology used	:	LED	Non-directional or directional	:	NDLS
Mains or non-mains	:	MLS	Connected light source(CLS)	:	yes
Colour-tuneable light source	:	no	Envelope	:	non-clear
High luminance light source	:	no	Anti-glare shield	:	no
Dimmable	:	yes			

General product parameters

Energy consumption in on-mode(kWh/1000h)	:	5.0	Energy efficiency class	:	F
Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)	:	385 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	:	2700
On-mode power(Pon),expressed in W	:	4.5	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	:	0.50	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**	57	Spectral power distribution in the range 250nm to 800 nm at full-load	:	
	Width	50			
	Depth	50			
Claim of equivalent power	:	-	If yes,equivalent power (W)	:	-
			Chromaticity coordinates (x and y)	:	0.463,0.420

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	:	0.7	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)	:	230		Useful luminous flux (lm)	:	385	in sphere
Frequency (Hz)	:	50		Luminance-HLLS (cd/mm²)	:	-	HLLS
On-mode power Pon (W)	:	4.5		Beam angle (°)	:	-	DLS
Standby power Psb (W)	:	0.00		Networked standby power Pnet (W)	:	0.00	CLS
Displacement factor	:	0.7		CCT(K)	:	2700	
Colour consistency (SDCM)	:	6		CRI	:	80	
Flicker metric PstLM	:	0.23		Stroboscopic effect metric SVM	:	0.1	
Ponmax (W)	:	5.6		excitation purity for Blue 440nm-490nm		-	CTLS
Total mains efficacy (lm/W)	:	85.6		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	-					

ηTM = (Φuse/Pon) × FTM (lm/W)=85.6 lm/W
85 ≤ ηTM < 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 : Vich Xun