

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	:	100089-WW-EU-12	
Model identifier of all equivalent models	:	100089-WW-EU-12	
With separate control gear	:	no	
<b>Type of light source</b>			
Lighting technology used	:	LED	Non-directional or directional
Mains or non-mains	:	MLS	Connected light source (CLS)
Colour-tunable light source	:	no	Envelope
High luminance light source	:	no	Anti-glare shield
Dimmable	:	no	
<b>General product parameters</b>			
Energy consumption in on-mode (kWh/1000h)	:	8.0	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)	:	806	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	:	8.0	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	:	0.00	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: 107 Width: 60 Depth: 60	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)
			0.463, 0.420
<b>Parameters for directional light sources</b>			
Peak luminous intensity (cd)	:	-	Beam angle in degrees, or the range of beam angles that can be set
<b>Parameters for LED and OLED light sources</b>			
R9 colour rendering index value	:	10	Survival factor
the lumen maintenance factor	:	0.96	
<b>Parameters for LED and OLED mains light sources</b>			
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)	:	0.23	Stroboscopic effect metric (SVM)
			0.1

Declared/Measured values				
Voltage (V)	:	230	Useful luminous flux (lm)	: 806 in sphere
Frequency (Hz)	:	50	Luminance-HLLS (cd/mm <sup>2</sup> )	: - HLLS
On-mode power P <sub>on</sub> (W)	:	8.0	Beam angle (°)	: - DLS
Standby power P <sub>sb</sub> (W)	:	0.00	Networked standby power P <sub>net</sub> (W)	: 0.00 CLS
Displacement factor	:	0.7	CCT(K)	: 2700
Colour consistency (SDCM)	:	6	CRI	: 80
Flicker metric P <sub>stLM</sub>	:	0.23	Stroboscopic effect metric SVM	: 0.1
P <sub>onmax</sub> (W)	:	8.9	excitation purity for Blue 440nm-490nm	: - CTLS
Total mains efficacy (lm/W)	:	100.75	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 P <sub>no</sub> (W)	:	-	Efficiency in full load (%)	: -
Standby power P <sub>sb</sub> (W)	:	-	Networked standby power P <sub>net</sub> (W)	: -
the type of light sources for which it is intended	:	-	compatible dimmable light sources	: -
Outer dimensions (mm)	Height	-	mass(g)	: -
	Width	-		
	Depth	-		
$\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM (lm/W) = 100.75 lm/W$ $85 \leq \eta_{TM} < 110$ energy efficiency class correspond to F				
Energy efficiency and functional requirements				
Classification acc. To 2019/2020	<input type="checkbox"/>	Directional lamp	<input checked="" type="checkbox"/>	Non directional lamp
Compliance:	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Measurement conditions				
Standards	:	EU 2019/2015, EU 2019/2020		
Tolerances	:	according to ErP regulation		
Measurement setup	:	4P, SSL port, 1.5m sphere		
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:				
<b>The product needs to be powered off before install; Please see users' instruction</b>				
Signature	:	Vick Xun		

# Test Report



Product conformity acc. to : Ecodesign requirements

Device under test (DUT)				
Supplier's name or trade mark	LE, Lighting Ever			
Supplier's address	A, Internet Industrial park, NO. 2005, XingYe Road, Bao'an District,			
Model identifier	SB2 R80 60 M3 827 E27			
Model identifier of all equivalent models				
Testing Laboratory				
Location / address	Room 520, Block A, Internet Industrial park, NO. 2005, XingYe Road, Bao'an District, Shenzhen, China			
Report Reference				
Date of issue	2019/6/26			
Declared values				
Voltage	230-240VAC	Useful luminous flux (lm)	350.0 lm	sphere/cone 120/cone 90
Frequency	50/60Hz	Luminance-HLLS (cd/mm <sup>2</sup> )		HLLS
On-mode power P <sub>on</sub> (W)	5.00 W	Beam angle (°)	36 °	DLS
Standby power P <sub>sb</sub> (W)		Networked standby power P <sub>net</sub> (W)		CLS
Displacement factor	>0.7	CCT	2700 K	
Colour consistency (SDCM)	≤6	CRI	≥80	
Flicker metric P <sub>stLM</sub>		Stroboscopic effect metric SVM		
P <sub>onmax</sub> (W)		excitation purity for Blue 440nm-490nm		CTLS
Total mains efficacy (lm/W)		excitation purity for Green 520nm-570nm		CTLS
Energy efficiency class		excitation purity for Red 610nm-670nm		CTLS
Measured values				
Voltage	230-240VAC	Useful luminous flux (lm)	350.0 lm	sphere/cone 120/cone 90
Frequency	50/60Hz	Luminance-HLLS (cd/mm <sup>2</sup> )		HLLS
On-mode power P <sub>on</sub> (W)	5.00 W	Beam angle (°)	36 °	DLS
Standby power P <sub>sb</sub> (W)		Networked standby power P <sub>net</sub> (W)		CLS
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Energy efficiency class		excitation purity for Red 610nm-670nm		CTLS
Energy efficiency and functional requirements				
Classification acc. To 2019/2020	<input checked="" type="checkbox"/> Directional lamp	<input type="checkbox"/> Non directional lamp		
Compliance:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Measurement conditions				
Standards	: EU 2019/2015, EU 2019/2020			
Tolerances	: according to ErP regulation			
Measurement setup	: 4P, SSL port, 1.5m sphere			
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:				
Signature	:			