

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: gosund

Supplier's address: Wenbin Wang, Künkelstraße 43, 41063, DE

Model identifier: LB1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	800 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 700
On-mode power (P_{on}), expressed in W	8,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,47
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	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	Height	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,458 0,399
Parameters for LED and OLED light sources:			
R9 colour rendering index value	42	Survival factor	1,00
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

光源光电测试报告 (1/2)

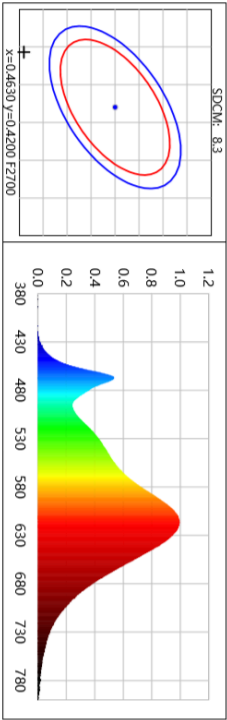
产品信息

产品种类: smart bulb
产品规格: 230V/50HZ 100%

产品型号: LB1
产品编号: 1

色度参数

色品坐标: $x=0.4557, y=0.4010, u(u)=0.2642, v=0.3487, v'=0.5230$
 相关色温: $T_c=2683K (duv=-0.00325)$
 峰波长: $\lambda_c=616.9nm$ 半宽度: $124.0nm$
 显色指数: $R_a=88.3, avgR(i-14)=86.4$
 R1 = 93 R2 = 98 R3 = 91 R4 = 87 R5 = 93 R6 = 92 R7 = 82 R8 = 71
 R9 = 45 R10 = 98 R11 = 87 R12 = 80 R13 = 96 R14 = 96 R15 = 87
 颜色质量指数: $Q_a=86.8, Q_r=88.5, Q_p=90.3, Q_g=92.2$
 Q1 = 82 Q2 = 90 Q3 = 93 Q4 = 85 Q5 = 82 Q6 = 82 Q7 = 88 Q8 = 90
 Q9 = 94 Q10 = 96 Q11 = 92 Q12 = 89 Q13 = 88 Q14 = 83 Q15 = 83



光度参数

光通量: 798.2lm
 能效指数(EI): 0.16
 瞳孔光通量: 923.45 Plm
 奇思视觉光通量: 1756.81 lm
 中间视觉光通量(CIE R_y): 814.59 lm (Lp = 0.100 cd/m², S/P = 1.35)
 中间视觉光通量(USP): 887.06 lm (Lp = 0.100 cd/m², S/P = 1.35)
 中间视觉光通量(MOVE): 829.17 lm (Lp = 0.100 cd/m², S/P = 1.35)

电参数

电压: 230V 电流: 0.0570A 功率: 7.95W 功率因数: 0.6060 频率: 49.994Hz

测试环境: Tx:25.8°C, Tt:25.8°C, RH:45.0%
 测试单位: CaoZhenzhen

测试设备: 创惠仪器 CMS-2S (Plus)
 测试时间: 2021-08-26 16:40:17
 核 验: Wangtianbin