

# 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:** WB4

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	basic C value		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	Dimmable:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), 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	0,49
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	0,49	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	87
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 <sup>(a)</sup>	Yes	If yes, equivalent power (W)	60
		Chromaticity coordinates (x and y)	0,440 0,380
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	87	Survival factor	1,00
the lumen maintenance factor	0,95		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,97	Colour consistency in McAdam ellipses	2
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

## Lightsource Test Report

### Product Infomation

Product Category: smart bulb	Product Type: WB4-RTL
Product Spec: 220V/50HZ 100%	Product Number: 10

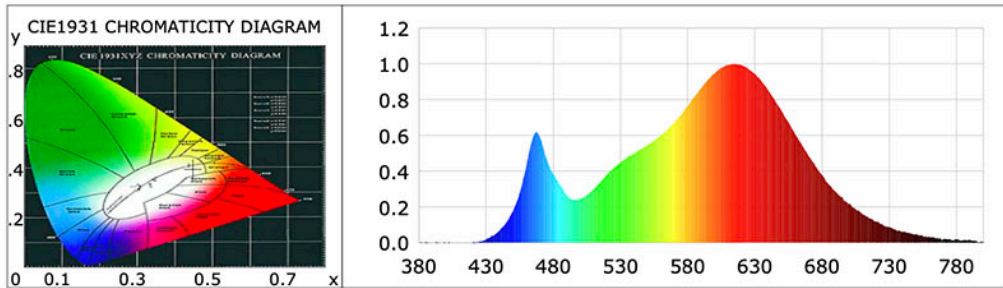
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4486$   $y=0.3977$   $u(u')=0.2610$   $v=0.3471$   $v'=0.5206$   
 CCT:  $T_c=2761K$  ( $duv=-0.00386$ ) Color Ratio:  $R=0.261$   $G=0.705$   $B=0.034$   
 Peak Wavelength: 615.5nm Half Bandwidth: 129.2nm  
 Dominant Wavelength: 585.3nm Color Purity: 0.541  
 CRI: Ra= 87.6 TM30: Rf= 84, Rg= 93

R1 =91	R2 =99	R3 =91	R4 =84	R5 =91	R6 =94	R7 =81	R8 =70
R9 =42	R10=99	R11=84	R12=79	R13=95	R14=97	R15=86	

Color Quality Scale:  $Q_a= 85.8$ ,  $Q_f= 87.3$ ,  $Q_p= 89.0$ ,  $Q_g= 92.4$

Q1 =82	Q2 =91	Q3 =91	Q4 =82	Q5 =80	Q6 =81	Q7 =87	Q8 =89
Q9 =94	Q10=95	Q11=90	Q12=88	Q13=87	Q14=82	Q15=82	



### Photometric Parameters

Luminous Flux: 1142.03 lm	Efficiency: 163.61 lm/W	Radiant Power: 3.819 W
EELI: 0.08	Energy Efficiency Class: A++ (EU 874-2012)	

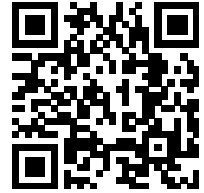
### Electric Parameters

Voltage: 230.00V	Current: 0.0520A	Power: 6.98W
Power Factor: 0.5810	Frequency: 49.99Hz	

### Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 10 Min	Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 51357 (4051)	CCD Integration Time: 429.71 ms

Model placed on the Union market from 24/09/2021



**EPREL registration number:** 979698

<https://eprel.ec.europa.eu/qr/979698>

**Supplier:** tina lee (Authorised representative)

**Website:**

**Customer care service:**

**Name:** Wenbin Wang

**Website:**

**Email:** [Nicole.wang@miclogistik.de](mailto:Nicole.wang@miclogistik.de)

**Phone:** +49 15735773592

**Address:**

Künkelstraße 43, 41063  
Germany