EGLO 12243

EGLO connect.z Smart LED Bulb E27 G80 Instruction Manual

Model: 12243

Introduction

This manual provides essential information for the safe and efficient use of your EGLO connect.z Smart LED Bulb (Model 12243). This smart bulb features an E27 base, G80 globe shape, and offers dimmable warm to cool white light (2700K-6500K) with 360 lumens brightness at 5 watts. It supports ZigBee for app and voice control, allowing seamless integration into compatible smart home systems.

Important Safety Instructions

- Always disconnect power before installing, removing, or cleaning the bulb.
- This bulb is designed for indoor use only.
- Do not use in fully enclosed luminaires as this may shorten the bulb's lifespan.
- Ensure the bulb is compatible with your fixture's voltage (220-240V) and base type (E27).
- Avoid looking directly at the light source when illuminated.
- Keep out of reach of children.
- Do not disassemble or modify the bulb.

Package Contents

- 1 x EGLO connect.z Smart LED Bulb (Model 12243)

Setup and Installation

1. Physical Installation

1. Ensure the power to the light fixture is turned off at the main switch.

2. Carefully screw the EGLO connect.z Smart LED Bulb into an E27 compatible light socket. Do not overtighten.
3. Turn on the power to the light fixture. The bulb should illuminate.



Image: The EGLO connect.z Smart LED Bulb with a clear glass globe and visible spiral filament.

2. Smart Home Integration (ZigBee)

The EGLO connect.z bulb uses ZigBee technology for smart control. To integrate it with your smart home system (e.g., Philips Hue, Amazon Echo with built-in ZigBee hub), follow these general steps:

1. Ensure your ZigBee gateway/hub is powered on and in pairing mode. Refer to your gateway's manual for specific instructions on how to enter pairing mode.
2. With the EGLO connect.z bulb powered on, your gateway should detect it. If not, you may need to reset the bulb. To reset, turn the bulb off and on 5-6 times in quick succession until it flashes, indicating it's in pairing mode.
3. Once detected, follow the prompts in your smart home app to add and configure the bulb.



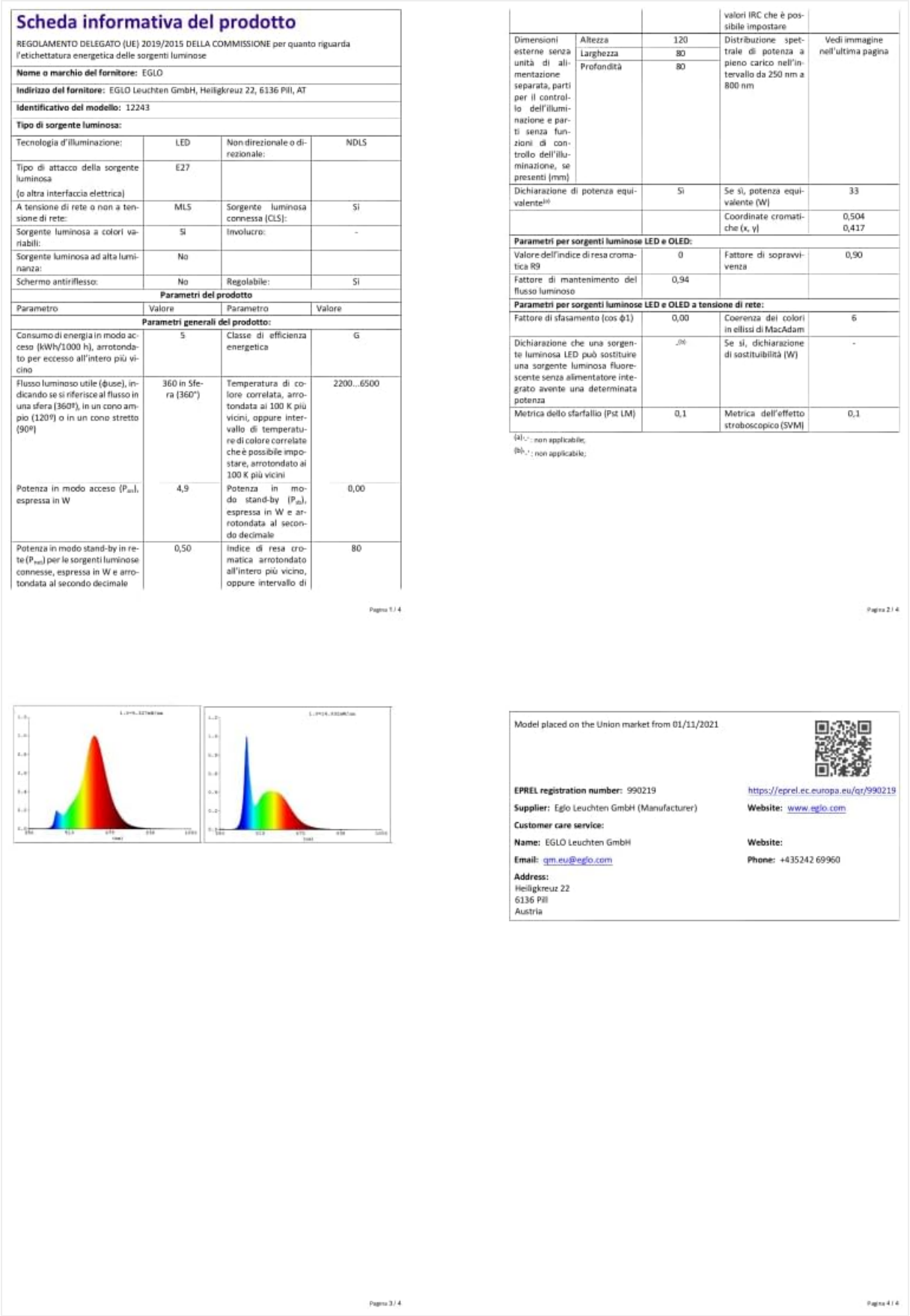
Image: An EGLO connect.z Smart LED Bulb illuminating a bedroom space from a pendant fixture.

3. App Control

For full functionality, download the EGLO connect.z app from your device's app store. The app allows you

to:

- Dim the light intensity.
- Adjust the color temperature from warm white (2700K) to cool white (6500K).
- Create custom scenes and favorite settings.
- Group multiple EGLO connect.z lights for synchronized control.
- Set timers for automatic on/off schedules.



Scheda informativa del prodotto

REGOLAMENTO DELEGATO (UE) 2019/2015 DELLA COMMISSIONE per quanto riguarda l'etichettatura energetica delle sorgenti luminose

Nome o marchio del fornitore: EGLO

Indirizzo del fornitore: EGLO Leuchten GmbH, Heiligkreuz 22, 6136 Pill, AT

Identificativo del modello: 12243

Tipo di sorgente luminosa:

Tecnologia d'illuminazione:	LED	Non direzionale o direzionale:	NDLS
Tipo di attacco della sorgente luminosa (o altra interfaccia elettrica)	E27		
A tensione di rete o non a tensione di rete:	MLS	Sorgente luminosa connessa (CLS):	Si
Sorgente luminosa a colori variabili:	Si	Involucro:	-
Sorgente luminosa ad alta luminanza:	No		
Schermo antiriflesso:	No	Regolabile:	Si

Parametri del prodotto

Parametro	Valore	Parametro	Valore
Parametri generali del prodotto:			
Consumo di energia in modo acceso (kWh/1000 h), arrotondato per eccesso all'intero più vicino	5	Classe di efficienza energetica	G
Flusso luminoso utile (ϕuse), indicando se si riferisce al flusso in una sfera (360°), in un cono ampio (120°) o in un cono stretto (90°)	360 in Sfera (360°)	Temperatura di colore correlata, arrotondata ai 100 K più vicini, oppure intervallo di temperature di colore correlate che è possibile impostare, arrotondato ai 100 K più vicini	2200...6500
Potenza in modo acceso (P_{on}), espressa in W	4,9	Potenza in modo stand-by (P_{sb}), espressa in W e arrotondata al secondo decimale	0,00
Potenza in modo stand-by in rete (P_{net}) per le sorgenti luminose connesse, espressa in W e arrotondata al secondo decimale	0,50	Indice di resa cromatica arrotondato all'intero più vicino, oppure intervallo di valori IRC che è possibile impostare	80
Dimensioni esterne senza unità di alimentazione separata, parti per il controllo dell'illuminazione e parti senza funzioni di controllo dell'illuminazione, se presenti (mm)	Altezza	120	Distribuzione spettrale di potenza a pieno carico nell'intervallo da 250 nm a 800 nm	Vedi immagine nell'ultima pagina
	Larghezza	80		
	Profondità	80		
Dichiarazione di potenza equivalente[a]		Si	Se sì, potenza equivalente (W)	33
			Coordinate cromatiche (x, y)	0,504 0,417
Parametri per sorgenti luminose LED e OLED:				
Valore dell'indice di resa cromatica R9		0	Fattore di sopravvivenza	0,90
Fattore di mantenimento del flusso luminoso		0,94		
Parametri per sorgenti luminose LED e OLED a tensione di rete:				
Fattore di sfasamento (cos ϕ1)		0,00	Coerenza dei colori in ellissi di MacAdam	6
Dichiarazione che una sorgente luminosa LED può sostituire una sorgente luminosa fluorescente senza alimentatore integrato avente una determinata potenza		[b]	Se sì, dichiarazione di sostituibilità (W)	-
Metrica dello sfarfallio (Pst LM)		0,1	Metrica dell'effetto stroboscopico (SVM)	0,1

[a] '-': non applicabile;
[b] '-': non applicabile;

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Model placed on the Union market from 01/11/2021

EPREL registration number: 990219
https://eprel.ec.europa.eu/qr/990219

Supplier: Eglo Leuchten GmbH (Manufacturer)
Website: www.eglo.com

Customer care service:

Name: EGLO Leuchten GmbH
Website:

Email: qm.eu@eglo.com
Phone: +435242 69960

Address:
Heiligkreuz 22
6136 Pill
Austria

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Image: Product packaging highlighting app compatibility and features for the EGLO connect.z bulb.

Operating Your Smart LED Bulb

Power On/Off

The bulb can be turned on or off using a traditional wall switch or through the EGLO connect.z app/compatible smart home app.

Dimming

Adjust the brightness level of the bulb using the slider or controls within the EGLO connect.z app or your integrated smart home app.

Color Temperature Adjustment

Change the light's warmth or coolness via the app. Select from a range of 2700 Kelvin (warm white) to 6500 Kelvin (cool white) to suit your preference or activity.

Creating Scenes and Groups

Utilize the app's features to create personalized lighting scenes for different moods or activities. You can also group multiple EGLO connect.z bulbs to control them simultaneously.

Maintenance and Care

To maintain your EGLO connect.z Smart LED Bulb, ensure the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these may damage the bulb's surface or internal components.

Troubleshooting

- **Bulb not responding:** Ensure the light fixture has power and the bulb is screwed in correctly. Check your smart home app for connectivity status.
- **Bulb not found by smart home hub:** Try resetting the bulb by turning it off and on 5-6 times in quick succession. This puts the bulb into pairing mode, allowing your hub to discover it.
- **Limited functionality (e.g., only on/off):** Ensure the bulb is properly paired with your ZigBee gateway and the EGLO connect.z app is up to date. Some hubs may offer limited control without the dedicated app.
- **Flickering:** Ensure the bulb is not used with an incompatible dimmer switch. This smart bulb is dimmable via app/smart home system, not typically with traditional wall dimmers.

Technical Specifications

Feature	Specification
Brand	EGLO
Model Number	12243
Light Type	LED
Wattage	5.5 Watts
Incandescent Equivalent	33 Watts
Brightness	360 Lumens
Bulb Base	E27
Bulb Shape Size	G80
Color Temperature	2700K - 6500K (Warm to Cool White)

Voltage	220-240 Volts
Control Method	App (ZigBee)
Material	Glass
Product Dimensions	8 cm (Diameter) x 12 cm (Length) / 3.15 x 4.72 inches
Energy Efficiency Class	G

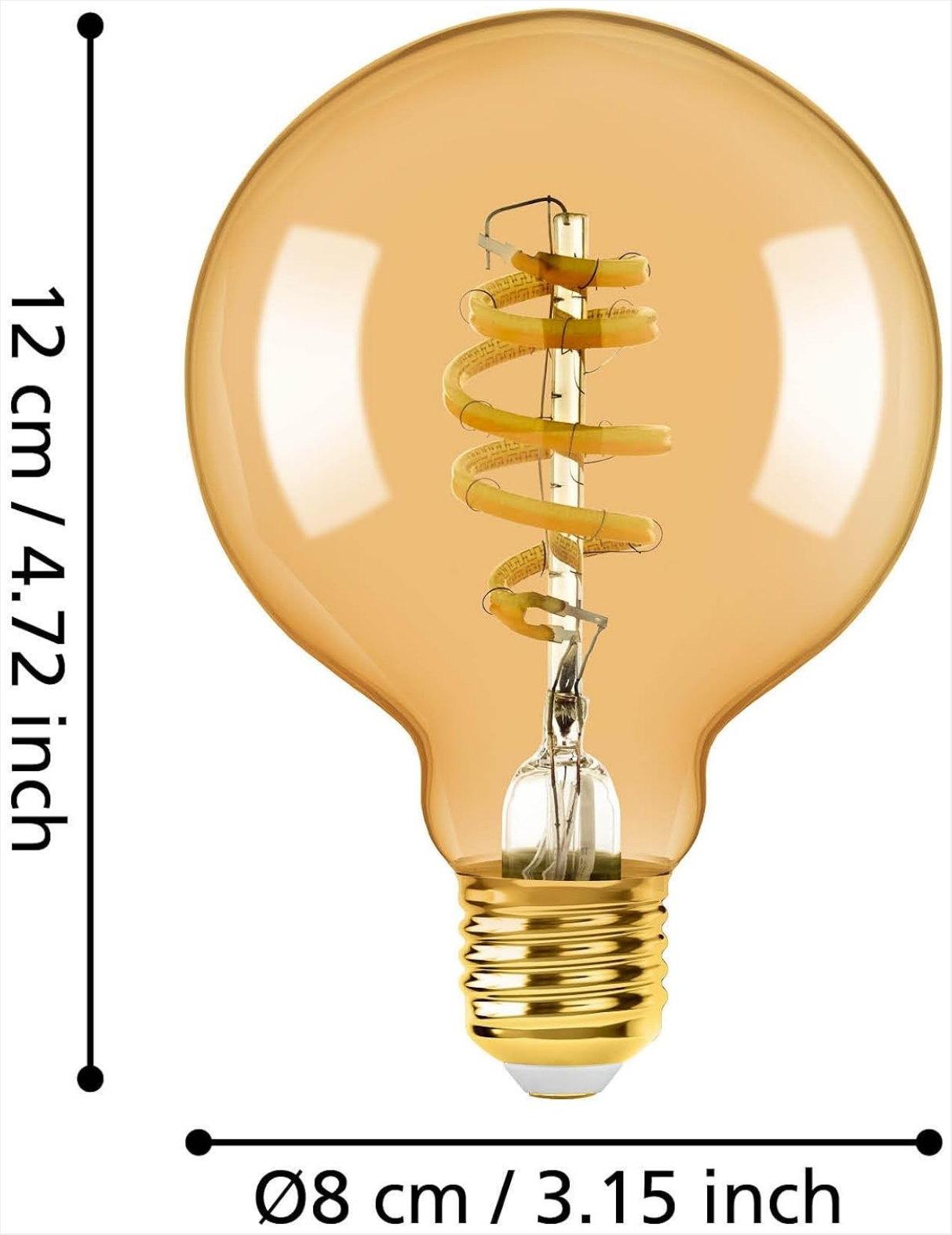


Image: Dimensional drawing of the EGLO connect.z Smart LED Bulb.

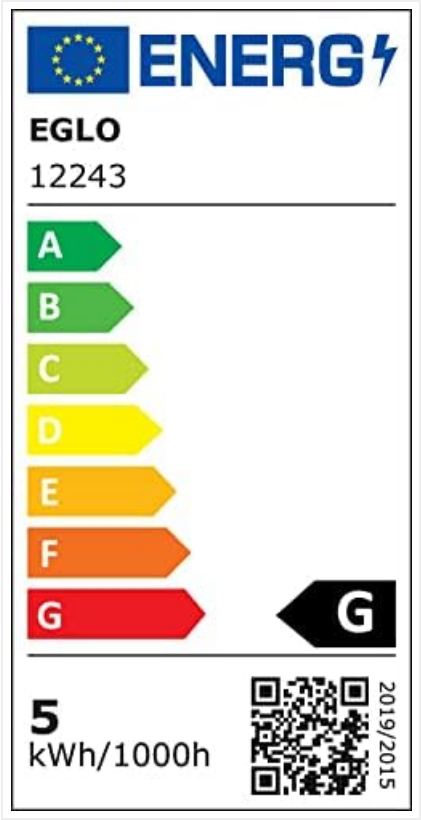


Image: Energy label for the EGLO connect.z Smart LED Bulb.

For detailed product information and energy efficiency data, please refer to the EPREL database: https://eprel.ec.europa.eu/qr/990219

Warranty and Support

EGLO products are manufactured with high-quality standards. For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official EGLO website.
For further assistance, technical support, or to view additional product information, please visit: www.eglo.com