

Ledvance GmbH

Pre-contractual Information according to Art. 3 of the EU Data Act (Regulation 2023/2854)

Revision: 1.0  
Date: 03.09.2025

Product Name / Type / Category: Biolux Control Unit  
Product Brand(s): LEDVANCE  
Manufacturer: LEDVANCE GmbH



In accordance with the EU Data Act (Regulation 2023/2854), we are committed to ensuring transparency and providing the information according to Art. 3 such as data type, format, storage, access, etc.

Article 3 Paragraph 2 (a):	the type, format and estimated volume of product data which the connected product is capable of generating
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Device status data polled from ZigBee network devices, ZigBee network configuration data, schedules and daily sunrise and sunset calculations for geographical location of the device.

Data format ist Binary.

Configuration file and additional meta data volume stored on device is max. 5kByte of data.

Article 3 Paragraph 2 (b):	whether the connected product is capable of generating data continuously and in real-time
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Data is generated event based after every event in the network. Sunrise and sunset is calculated daily. New target values for color temperature and brightness of the luminaires are calculated periodically between sunrise and sunset, approx. every 15 minutes.

Article 3 Paragraph 2 (c):	whether the connected product is capable of storing data on-device or on a remote server, including, where applicable, the intended duration of retention
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All data is stored on the product until factory reset of control unit. A backup of the device and network configuration data is stored in the configuration app on the mobile phone. No data is stored in the cloud.  
User can access all configuration data of the device via mobile app.

Article 3 Paragraph 2 (d):	how the user may access, retrieve or, where relevant, erase the data, including the technical means to do so, as well as their terms of use and quality of service
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User can access and modify the control unit configuration and the ZigBee Network Configuration via the Biolux Control Unit App.

User can update the control unit firmware and the firmware of the connected ZigBee devices through the mobile app.

User can reset control unit to factory new with the Biolux app or by using the reset mechanism of the control unit. App data can be deleted by deleting the app on the mobile phone.

QOS: ZigBee Wireless Mesh Network 250 kBit Raw data rate and Bluetooth Low Energy Connection 1Mbit/s Over the Air Data Rate to Mobile App.

This information is provided in accordance with the requirements of the EU Data Act (Regulation (EU) 2023/2854), applicable from 12 September 2025. It is intended to inform prospective users and purchasers of the data-related characteristics associated with the connected product and/or related services described herein.

The information contained in this document is for general guidance purposes only and does not create any contractual obligations. While every effort has been made to ensure the accuracy and completeness of the data-related information, the manufacturer reserves the right to update or modify the content without prior notice to reflect changes in technology, regulation, or business practices.

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