

PRODUCT DATASHEET

BIOLUX HCL CONTROL UNIT

BIOLUX HCL CONTROL UNIT GEN 1 | Control Unit for BIOLUX Human Centric Lighting (HCL) luminaires



Areas of application

- Lighting solution for up to 48 BIOLUX HCL products (luminaires/ LED strips / VIVARES occupancy sensors)
- Meeting and conference rooms
- Hotel and office rooms with little daylight
- Nursery and elderly homes
- Hospitals

Product benefits

- Easy and quick installation of the BIOLUX HCL-lighting system (BIOLUX HCL CONTROL UNIT in combination with BIOLUX HCL-luminaire(s) / BIOLUX HCL LED strips / VIVARES occupancy sensor) thanks to wireless Zigbee 3.0 technology
- Automated commissioning and setup by LEDVANCE BIOLUX app, no programming, registration or cloud required
- Intuitive control of BIOLUX HCL luminaires - BIOLUX HCL LED strips via control unit
- Easy selection of the appropriate lighting modes for different working situations
- Can support working with more concentration
- 5 years BIOLUX HCL system guarantee when operated as part of a BIOLUX HCL system (BIOLUX HCL CONTROL UNIT in combination with BIOLUX HCL luminaire(s) - BIOLUX HCL LED strips and VIVARES occupancy sensor)

Product features

- LEDVANCE designed high-value product
- 6 preprogrammed lighting modes selectable: RELAX, CREATE, NATURAL, FOCUS, BOOST and ON/OFF
- Selected lighting mode is shown on the display of the control unit
- Intuitive timetable mode for individual date and time settings of the 6 lighting modes in the BIOLUX app for automated course
- Switch on/off the lights with the control unit and optional VIVARES occupancy sensor
- Implemented FAQ and installation guide in the BIOLUX app for quick support during the on-site installation
- Installation in standard flush-mounted boxes like used for lighting switches and sockets

TECHNICAL DATA

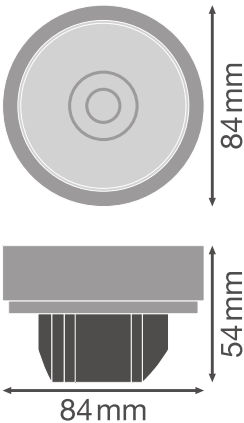
Electrical data

| | |
|-----------------|-------------|
| Nominal wattage | 1.00 W |
| Nominal voltage | 220...240 V |
| Type of current | AC |
| Mains frequency | 50...60 Hz |

Luminaire control gear data

| | |
|-------------|-----|
| Low flicker | Yes |
|-------------|-----|

Dimensions & Weight



| | |
|----------------|----------|
| Width | 84,0 mm |
| Height | 54.00 mm |
| Diameter | 84,0 mm |
| Product weight | 226.00 g |

Colors & materials

| | |
|----------------|---|
| Product color | White |
| Body material | Polycarbonate Methacrylate butadiene styrene Polymethylmethacrylate |
| Cover material | Polymethylmethacrylate (PMMA) |

Temperatures & operating conditions

| | |
|--------------------------------|------------|
| Ambient temperature range | 0...+40 °C |
| Temperature range in operation | 0...+40 °C |

Additional product data

| | |
|-------------------|------|
| Mounting location | Wall |
|-------------------|------|

| | |
|-------------|-----|
| Low flicker | Yes |
|-------------|-----|

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

| | |
|--------------------|------|
| Standards | CE |
| Type of protection | IP20 |










EQUIPMENT / ACCESSORIES






- LEDVANCE BIOLUX app required for commissioning and additional functions time table / sensor configuration / NATURAL test (available for Android and iOS)

Safety advice

- Important operating notice and legal disclaimer: This product is exclusively intended for operation as part of a BIOLUX HCL system (BIOLUX HCL CONTROL UNIT in combination with BIOLUX HCL luminaire(s), LED strips and VIVARES occupancy sensor including built-in or supplied firmware/software). LEDVANCE GmbH assumes no responsibility, liability, warranty or guarantee for the operation of the product in combination or conjunction with third-party products or other products that are not BIOLUX HCL system products.
- Important operating notice: The BIOLUX HCL CONTROL UNIT may be rotated clockwise or counterclockwise a maximum of 7,200° (equivalent to 20 complete 360° rotations) per day in total (adding together all operating procedures).

DOWNLOAD DATA

| | Documents and certificates | Document name |
|--|--|---------------------------------|
|  | User instruction / safety instructions | BIOLUX HCL CONTROL UNIT |
|  | Extended installation guide | BIOLUX HCL SYSTEM EN |
|  | Extended installation guide | BIOLUX HCL FR |
|  | Extended installation guide | BIOLUX HCL SYSTEM DE |
|  | Extended installation guide | BIOLUX HCL CONTROL UNIT QA ES |
|  | Extended installation guide | BIOLUX HCL CONTROL UNIT QA IT |
|  | Extended installation guide | BIOLUX HCL CONTROL UNIT S ZB ES |
|  | On-Pack-Info | 3rd party Libraries BIOLUX App |
|  | Legal information | BIOLUX HCL CONTROL UNIT |

| Documents and certificates | | Document name |
|--|----------------------------|--|
|  | Declarations of conformity | Declaration of Conformity_BIOLUX HCL CONTROL UNIT ZB |
|  | Declarations of conformity | BIOLUX HCL Control Unit |
|  | Declarations of conformity | CE_BIOLUX HCL CONTROL UNIT ZB |
|  | Certificates | BIOLUX HCL System Certificate |
| Tender texts | | Document name |
|  | Tender documents | BIOLUX HCL CONTROL UNIT CONTROL UNIT-EN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075308657 | Folding box 1 | 54 mm x 205 mm x 104 mm | 288.00 g | 1.15 dm ³ |
| 4058075308664 | Shipping box 2 | 224 mm x 124 mm x 144 mm | 678.00 g | 4.00 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

- For Guarantee see www.ledvance.com/guarantee
- For reference projects see <https://www.ledvance.com/professional/lighting-solutions>

Legal advice

- The use of the LEDVANCE BIOLUX app is exclusively subject to the LEDVANCE BIOLUX app Terms of Use, which are displayed during installation of the app and are available in the app

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.