

PRODUCT DATASHEET

BIOLUX HCL LS S TW ZB KIT

BIOLUX HCL LED STRIP KIT | LED Strip KIT, Tunable White, Zigbee



Areas of application

- Lighting solution for up to 40 BIOLUX HCL luminaires - BIOLUX HCL LED strips combined mit BIOLUX HCL control unit
- KIT available for indoor or outdoor applications
- Cove lighting
- Hotel and office rooms with little daylight

Product benefits

- Set with 5 m LED strip, matching driver and Zigbee adapter
- Set products ZB KIT: 1x LED Strip Superior 2000 lm/m TW (4058075436084), OTi Dali driver 160 W/220-240/24 2CH DT6/8 (4062172177948); Zigbee Dali converter (4062172044776) with strain relief ECO CI KIT (4008321392091)
- Set products IP67 ZB KIT: 1x LED Strip Superior 2000 lm/m TW (4058075436008), OTi Dali driver 160 W/220-240/24 2CH DT6/8 (4062172177948); Zigbee Dali converter (4062172044776) with strain relief ECO CI KIT (4008321392091)
- BIOLUX HCL CONTROL UNIT for LED Strip control must be ordered separately (EAN 4058075308657)
- Extensive accessories can be found on LEDVANCE homepage in product category LED Strips
- Enables an individual lighting solution in combination with compatible Zigbee HCL lighting controls
- Biologically optimized lighting by adapting artificial light to natural daylight course
- 5 years BIOLUX HCL system guarantee when operated as part of a BIOLUX HCL system (BIOLUX HCL - - VIVARES ZIGBEE control unit in combination with BIOLUX HCL luminaire(s) - BIOLUX HCL LED strips)

Product features

- Zigbee 3.0 certified Tunable White luminaires - LED strips for simple integration into partner systems
- Ready for connection to BIOLUX HCL and VIVARES ZIGBEE control unit
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Wireless communication between control unit and luminaires via Zigbee protocol
- Very high color rendering index Ra: > 90
- Smallest cuttable unit: 100 mm

TECHNICAL DATA

Electrical data

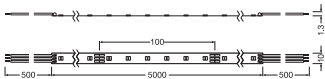
Nominal wattage	108.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	57000.000 mA
Protection class	II

Photometrical data

Luminous flux	9140 lm
Luminous efficacy	84 lm/W
Color temperature	2700...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	> 90
Standard deviation of color matching	≤4 sdcm
Beam angle	120 °

Dimensions & Weight

Diameter	1.20 mm
Length	5000.00 mm
Width	10.00 mm
Product weight	784.00 g



Application & Mounting

Ambient temperature range	-15...+45 °C
Type of connection	Cable, 3-pole
Type of protection	IP00
Dimmable	Yes
Mounting type	Surface
Mounting location	Cove
Application environment	Indoor
LED module replaceable	By the end consumer

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	30000 h ¹⁾
Lifespan L90/B10 at 25 °C	18000 h
Number of switching cycles	15000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE
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EQUIPMENT / ACCESSORIES

- LEDVANCE BIOLUX app required for commissioning of the BIOLUX HCL system only (available for Android and iOS)
- LEDVANCE VIVARES app for project planning and required for commissioning of the VIVARES ZIGBEE system only (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- or VIVARES ZIGBEE control unit in combination with BIOLUX HCL-Luminaire(s) / BIOLUX HCL LED strips 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- / VIVARES ZIGBEE system products.

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information
	Packaging insert
	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075671270	Folding box 1	70 mm x 260 mm x 308 mm	1102.00 g	5.61 dm³
4058075671287	Shipping box 4	290 mm x 270 mm x 322 mm	4716.00 g	25.21 dm³

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
 - Further information for the KIT products can be found on LEDVANCE homepage in the related product categories
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Legal advice

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

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