

# PRODUCT DATASHEET

## LN COMP Batten 600 10 W 3000 K

LINEAR COMPACT BATTEN | Compact luminaires with a wiring on the back side



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Accent lighting
- Public areas
- Cove lighting
- Shelves, furniture integration or under cabinet mounting
- Seamless linear lighting

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### Product benefits

- Compact dimensions
- Little space required thanks to compact dimensions
- Seamless connection without visible cables when connected to Linear Compact High Output
- High lumen output up to 2500 lm
- Flexible application due to a wide range of available lengths of 600 to 1500 mm
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

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### Product features

- Replacement for traditional T8 luminaires
- Wiring at back side of luminaire
- Translucent end caps



- Connectible at the beginning of a light line with Linear Compact High Output luminaire
- Versions with luminous flux 1000...2500 lm available
- 3 different lengths available
- High luminous efficacy: up to 100 lm/W
- Glow Wire Test according to IEC 60695-2-12: 850 °C

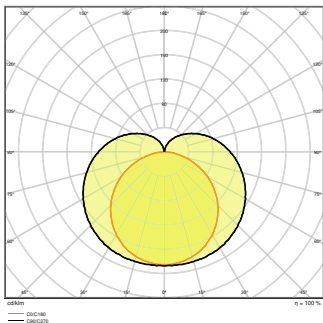
TECHNICAL DATA

Electrical data

|                                          |                       |
|------------------------------------------|-----------------------|
| Nominal wattage                          | 10.00 W               |
| Nominal voltage                          | 220...240 V           |
| Mains frequency                          | 50...60 Hz            |
| Nominal current                          | 83 mA                 |
| Inrush current                           | 10.8 A                |
| Inrush current time T <sub>h50</sub>     | 150 µs                |
| Max. no. of lum. on circuit break. B16 A | 69                    |
| Max. no. of lum. on circuit break. C10 A | 54                    |
| Max. no. of lum. on circuit break. C16 A | 87                    |
| Power factor λ                           | > 0.50                |
| Total harmonic distortion                | < 30 %                |
| Protection class                         | II                    |
| Operating mode                           | Integrated LED driver |

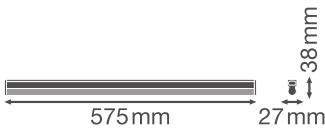
Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 1000 lm    |
| Luminous efficacy                            | 100 lm/W   |
| Color temperature                            | 3000 K     |
| Light color (designation)                    | Warm White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 5 sdcm   |
| Photobiological safety group acc. to EN62778 | RG0        |
| Beam angle                                   | 140 °      |



Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 575.00 mm |
| Width          | 27.00 mm  |
| Height         | 38.00 mm  |
| Product weight | 140.00 g  |



Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | White              |
| Housing color                              | White              |
| Body material                              | Polycarbonate (PC) |
| Cover material                             | Polycarbonate (PC) |
| Light emitting surface material            | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                                        |                              |
|----------------------------------------|------------------------------|
| Ambient temperature range              | -20...+40 °C                 |
| Type of connection                     | Screw terminal, 2-Pole (L,N) |
| Type of protection                     | IP20                         |
| Protection class IK (shock resistance) | IK03                         |
| Dimmable                               | No                           |
| Mounting type                          | Surface                      |
| Mounting location                      | Ceiling / Wall               |
| Application environment                | Indoor                       |
| LED module replaceable                 | Not replaceable              |
| With light source                      | Yes                          |

Lifespan

|                           |         |
|---------------------------|---------|
| Lifespan L70/B50 at 25 °C | 50000 h |
| Lifespan L80/B10 at 25 °C | 40000 h |

|                            |         |
|----------------------------|---------|
| Lifespan L90/B10 at 25 °C  | 30000 h |
| Number of switching cycles | 100000  |

### Certificates & Standards

|                                                      |                         |
|------------------------------------------------------|-------------------------|
| Standards                                            | CE / CB / TÜV SÜD / EAC |
| Luminaire with limited surface temperature, "D sign" | No                      |
| Ball shot safe                                       | No                      |

### EQUIPMENT / ACCESSORIES

- Mounting clips included

### DOWNLOAD DATA

| Documents and certificates                                                         |                                 |
|------------------------------------------------------------------------------------|---------------------------------|
|    | User instruction                |
|   | Addon Technical Information     |
|  | Packaging insert                |
|  | Declarations Of Conformity CE   |
|  | Declarations Of Conformity UKCA |
| Photometric and lighting design files                                              |                                 |
|  | IES file (IES)                  |
|  | LDT file (Eulumdat)             |
|  | ULD file (DIALux)               |
|  | ROLF file (RELUX)               |
|  | UGR file (UGR table)            |
|  | LDC typ polar                   |

## CAD/BIM files

CAD\_STEP\_3D

## Tender texts



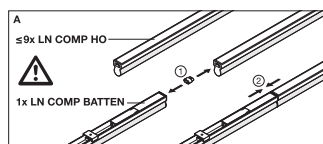
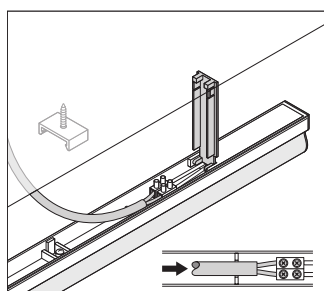
Tender documents

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075099692 | Folding box<br>1             | 29 mm x 580 mm x 42 mm               | 170.00 g     | 0.71 dm <sup>3</sup>  |
| 4058075099708 | Shipping box<br>25           | 618 mm x 242 mm x 175 mm             | 5120.00 g    | 26.17 dm <sup>3</sup> |

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.

## ADDITIONAL CATALOG INFORMATION



## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

## DISCLAIMER

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