

# PRODUCT DATASHEET

## LN COMP SWITCH 600 8 W 3000 K

LINEAR COMPACT SWITCH | Compact single or light line luminaire with switch



### 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

### Product benefits

- Compact dimensions
- Little space required thanks to compact dimensions
- Seamless connection of up to 10 luminaires in a line
- Handy switch directly installed on the luminaire
- Low flicker light thanks to special electronic control gear
- Flexible installation in 2 different angles with 2 different mounting options
- Flexible application due to a wide range of available lengths of 300 to 1500 mm.
- Angled connection possible with included cable

### Product features

- Built-in switch
- Up to 10 luminaires connectable



- Translucent end caps
- Versions with luminous flux 400...1900 lm available
- 5 different lengths available
- High luminous efficacy: up to 112 lm/W
- Glow Wire Test according to IEC 60695-2-12: 850 °C

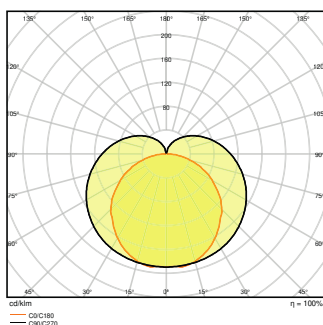
## TECHNICAL DATA

### Electrical data

|   |                       |
|---|-----------------------|
| Nominal wattage   | 8.00 W                |
| Nominal voltage   | 220...240 V           |
| Mains frequency   | 50...60 Hz            |
| Nominal current   | 0.06 A                |
| Inrush current  | 10 A                  |
| Inrush current time $T_{h50}$                               | 150 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 60                    |
| Max. number of luminaires per miniature circuit breaker C10 | 48                    |
| Max. number of luminaires per miniature circuit breaker C16 | 76                    |
| Power factor $\lambda$                                      | > 0.5                 |
| Total harmonic distortion                                   | 89 %                  |
| Protection class  | II                    |
| Operating mode  | Integrated LED driver |

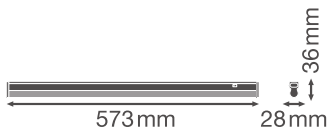
### Photometrical data

|  |                      |
|--|----------------------|
| Luminous flux                                | 800 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 sdc <sub>m</sub> |
| Low flicker                                  | Yes                  |
| Photobiological safety group acc. to EN62778 | RG0                  |
| Beam angle                                   | 140 °                |



## Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 573.00 mm |
| Width          | 28.00 mm  |
| Height         | 36.00 mm  |
| Product weight | 300.00 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 <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 40000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 30000 h               |
| Number of switching cycles | 100000                |

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

### Control gear

|                |        |
|----------------|--------|
| Output current | 100 mA |
|----------------|--------|








### Certificates & Standards

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

### EQUIPMENT / ACCESSORIES

- Equipped with power plug, cable connector and line adapter for connecting further luminaires
- Mounting material for wall and ceiling installations included

### DOWNLOAD DATA

| Documents and certificates   |                                 |
|--|---------------------------------|
|  | User instruction                |
|  | Addon Technical Information     |
|  | On-Pack-Info                    |
|  | Declarations Of Conformity CE   |
|  | Declarations Of Conformity UKCA |
| Photometric and lighting design files  |                                 |
|  | IES file (IES)                  |
|  | LDT file (Eulumdat)             |

Photometric and lighting design files



ULD file (DIALux)



ROLF file (RELUX)



UGR file (UGR table)



LDC typ polar

CAD/BIM files



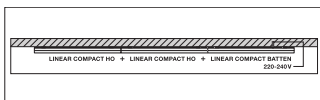
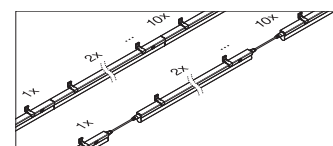
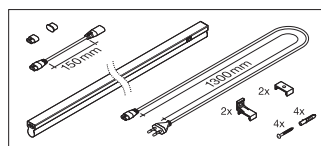
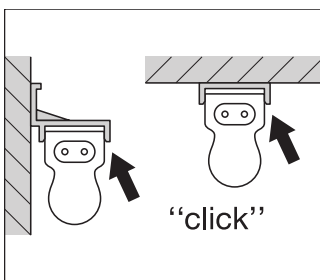
CAD\_STEP\_3D

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075106116 | Folding box<br>1             | 780 mm x 40 mm x 30 mm               | 364.00 g     | 0.94 dm <sup>3</sup>  |
| 4058075106123 | Shipping box<br>25           | 818 mm x 223 mm x 180 mm             | 8120.00 g    | 32.83 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.