# PRODUCT DATASHEET
# Linear LED Flat Eco 6W 830

LinearLED Flat® | Slim undercabinet luminaire for surface mounting

## Areas of application

– Undercabinet lighting

## Product benefits

– Connection of up to 43 (ECO version) or 18 (sensor Version) luminaires in a row
– Various accessories included: cables and connectors
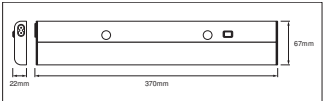
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 6.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50…60 Hz |
| Nominal current | 40.000 mA |
| Power factor $\lambda$ | > 0.5 |
| Protection class | II |

### Photometrical data

| | |
|---|---|
| Luminous flux | 300 lm |
| Total luminous flux of contained light sources | 480 lm |
| Luminous efficacy | 64 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm white |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤6 sdcm |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 120 ° |

### Dimensions & Weight

| | |
|---|---|
| Length | 370.00 mm |
| Width | 67.00 mm |
| Height | 22.00 mm |
| Product weight | 325.00 g |



LINEAR LED FLAT ECO

### Materials & Colors

| | |
|---|---|
| Product color | Silver |
| Housing color | Silver |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |

| Mercury content | 0.0 mg |
|---|---|

## Application & Mounting

| Type of connection | Plug type C (EU) |
|---|---|
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Cabinet undersides |
| Application environment | Indoor |
| With light source | Yes |
| Replaceable light source | No |

## Lifespan

| Lifespan L70/B50 at 25 °C | 20000 h [1] |
|---|---|

[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 / EAC |
|---|---|
| Luminaire with limited surface temperature, "D sign" | No |
| Replaceable light source (EPREL) | Not replaceable |

## Safety advice

– To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | LINEAR LED FLAT ECO |
| PDF | Declarations of conformity | LINEAR LED FLAT |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854395826 | Folding box 1 | 49 mm x 80 mm x 415 mm | 426.00 g | 1.63 dm$^3$ |
| 4099854395833 | Shipping box 8 | 430 mm x 215 mm x 185 mm | 3842.00 g | 17.10 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.

## DISCLAIMER

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