

## PrevaLED Bar

### Area and Bar Light Engines



#### Areas of application

- Offices
- Industry

#### Product benefits

- Rectangular shape (280 mm x 55 mm) to fit in various applications
- Reduced luminance thanks to three row LED layout
- Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
- Compact control gear thanks to non-SELV system

#### Product features

- Available with luminous flux: 1,000 lm
- Available with color temperature: 3,000 K or 4,000 K
- Module efficacy: up to 112 lm/W
- Color rendering index  $R_a$ : 85
- Maximum temperature at  $t_c$ : 65 ° C
- Lifetime (L80 B50): 60,000 h



## Product family datasheet

### Technical data

#### Electrical data

Product description	Nominal voltage	Nominal current	Rated wattage	Type of current
LEP -1000-830-B	95.00 V	0.11 A	10.80 W	DC
LEP -1000-840-B	95.00 V	0.10 A	9.80 W	DC

Product description	Energy consumption
LEP -1000-830-B	12 kWh/1000h
LEP -1000-840-B	11 kWh/1000h

#### Light technical data

Product description	Color temperature	Color rendering group	Color rendering index Ra	Light color LED
LEP -1000-830-B	3000 K	1B	85	white
LEP -1000-840-B	4000 K	1B	85	white

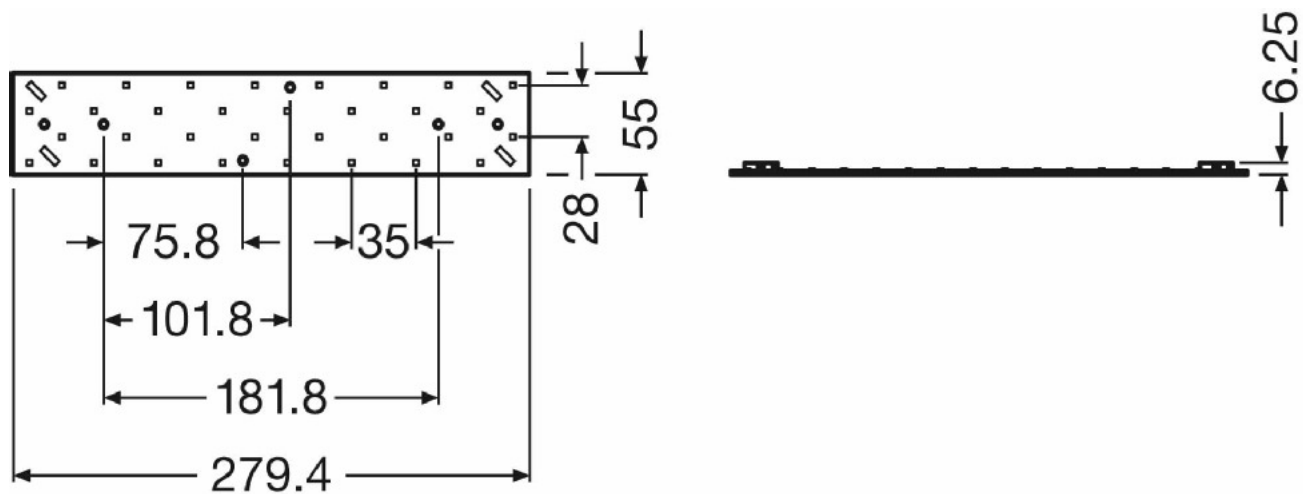
Product description	Total useful luminous flux	Luminous efficacy	Beam angle	Standard deviation of color matching
LEP -1000-830-B	1000 lm	98 lm/W	120 °	≤3 sdc
LEP -1000-840-B	1000 lm	112 lm/W	120 °	≤3 sdc

#### Dimensions & weight

Product description	Length	Width	Height
LEP -1000-830-B	280.0 mm	55.0 mm	4.1 mm
LEP -1000-840-B	280.0 mm	55.0 mm	4.1 mm

#### Produkt Strichzeichnungen (vermasst)

## Product family datasheet



Product line drawing  
LEP -1000-830-B | LEP -1000-840-B

### Temperatures

Product description	Maximum temperature at tc test point
LEP -1000-830-B	75 °C
LEP -1000-840-B	75 °C

### Lifespan

Product description	Lifespan
LEP -1000-830-B	60000 h <sup>1)</sup>
LEP -1000-840-B	60000 h <sup>1)</sup>

<sup>1)</sup> L80/B50 at Tc 65 °C

### Additional product data

Product description	Number of LEDs per module
LEP -1000-830-B	32
LEP -1000-840-B	32

## Product family datasheet

### Capabilities

Product description	Dimmable
LEP -1000-830-B	Yes
LEP -1000-840-B	Yes

### Certificates & standards

Product description	Energy efficiency class	Standards
LEP -1000-830-B	A+	acc. to EC 61347-2-13/acc. to EN 55015/acc. to IEC 61547/acc. to IEC 61000-3-2/acc. to ENEC 61347-2-13/acc.to IEC/EN 62384
LEP -1000-840-B	A+	acc. to EC 61347-2-13/acc. to EN 55015/acc. to IEC 61547/acc. to IEC 61000-3-2/acc. to ENEC 61347-2-13/acc.to IEC/EN 62384

### Country specific categorizations

Product description
LEP -1000-830-B
LEP -1000-840-B

### Equipment / Accessories

- Plug connection for 0.5 mm<sup>2</sup> cables


### Application advice

For more detailed application information and graphics please see product datasheet.

### Sales and Technical Support






Sales and Technical Support [www.osram.com](http://www.osram.com)

### Download Data

File
 Product Datasheet

## Product family datasheet

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	PrevaLED Bar (EN)
	CAD data 3-dim PREVALED BAR LEP 1000 B CUSTOMER FILE_STEP
	CAD data 3-dim PREVALED BAR LEP 1000 B CUSTOMER FILE_IGS
	CAD data PDF PREVALED BAR 2D_PDF
	Eulumdat PrevaLED Bar LEP-1000-830-B preliminary LDT
	Eulumdat PrevaLED Bar LEP-1000-840-B_preliminary_LDT

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## Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321852335	LEP -1000-830-B	Shipping carton box 8	- x - x -		
4008321852359	LEP -1000-840-B	Shipping carton box 8	- x - x -		

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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.