

# PRODUCT FAMILY DATASHEET

## LUMILUX T8 ES

Tubular fluorescent lamps 26 mm, with G13 bases, energy saver



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### AREAS OF APPLICATION

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores

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### PRODUCT BENEFITS

- Simple direct replacement in existing CCG/LLG systems
- Instant energy savings in existing CCG/LLG systems
- Up to 10 % lower energy consumption on conventional control gear
- Reduction in CO<sub>2</sub> emissions (51 W: 14 kg per year, 70 kg over the life of the lamp – energy mix: 0.5 kg/kWh)
- Pay-back time less than 1 year
- Energy savings in combination with QTP-OPTIMAL and QT-FIT in new systems

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### PRODUCT FEATURES

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B (R<sub>a</sub>: 80...89)

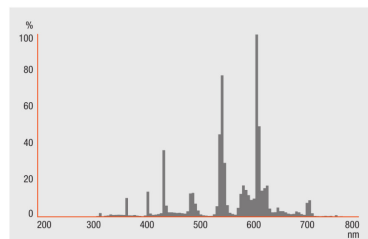
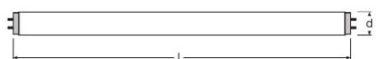


TECHNICAL DATA

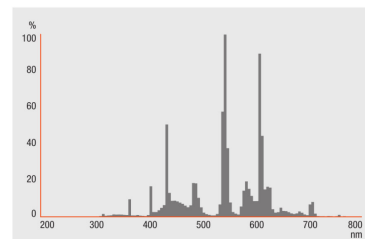
Product description	Electrical data	Photometrical data							Dimensions & weight		Temperatures & operating conditions	Lifespan
	Nominal wattage	Color rendering index Ra	Luminous flux at 25 °C	Color temperature	Luminous flux	Light color (designation)	Color temperature	Color rendering index Ra	Tube diameter	Length with base excl. base pins/connection	Rated ambient temp.w. max.luminous flux	Service life
L 16 W/830 ES	16.00 W	≥80	1050 lm	3000 K	1100 lm	LUMILUX Warm White	3000 K	≥80	26 mm	590.00 mm	25.0 °C	18000 h <sup>1)</sup>
L 16 W/840 ES	16.00 W	≥80	1050 lm	4000 K	1100 lm	LUMILUX Cool White	4000 K	≥80	26 mm	590.00 mm	25.0 °C	18000 h <sup>1)</sup>
L 32 W/830 ES	32.00 W	≥80	2500 lm	3000 K	2650 lm	LUMILUX Warm White	3000 K	≥80	26 mm	1200.00 mm	25.0 °C	18000 h <sup>1)</sup>
L 32 W/840 ES	32.00 W	≥80	2500 lm	4000 K	2650 lm	LUMILUX Cool White	4000 K	≥80	26 mm	1200.00 mm	25.0 °C	18000 h <sup>1)</sup>
L 51 W/830 ES	51.00 W	≥80	4200 lm	3000 K	4200 lm	LUMILUX Warm White	3000 K	≥80	26 mm	1500.00 mm	25.0 °C	18000 h <sup>1)</sup>
L 51 W/840 ES	51.00 W	≥80	4200 lm	4000 K	4200 lm	LUMILUX Cool White	4000 K	≥80	26 mm	1500.00 mm	25.0 °C	18000 h <sup>1)</sup>

Product description	Lifespan	Additional product data		Certificates & standards	
		Base (standard designation)	Show WEEE picto	Energy efficiency class	Energy consumption
L 16 W/830 ES	20000 h <sup>1)</sup>	G13	Yes	A	20 kWh/1000h
L 16 W/840 ES	20000 h <sup>1)</sup>	G13	Yes	A	20 kWh/1000h
L 32 W/830 ES	20000 h <sup>1)</sup>	G13	Yes	A	39 kWh/1000h
L 32 W/840 ES	20000 h <sup>1)</sup>	G13	Yes	A	39 kWh/1000h
L 51 W/830 ES	20000 h <sup>1)</sup>	G13	Yes	A	60 kWh/1000h
L 51 W/840 ES	20000 h <sup>1)</sup>	G13	Yes	A	60 kWh/1000h

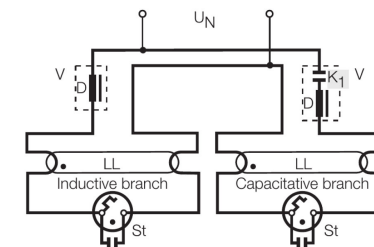
1) With preheat ECG



L 16 W/830 ES, L 32 W/830 ES, L 51 W/830 ES



L 16 W/840 ES, L 32 W/840 ES, L 51 W/840 ES



L 16 W/830 ES, L 16 W/840 ES, L 32 W/830 ES, L 32 W/840 ES, L 51 W/830 ES, L 51 W/840 ES

**SAFETY ADVICE**

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)  
Not released for dimming operation.

**APPLICATION ADVICE**

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

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321955807	Shipping carton box 25	632 mm x 142 mm x 145 mm	2625.00 g	13.01 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321955784	Shipping carton box 25	632 mm x 142 mm x 145 mm	2625.00 g	13.01 dm <sup>3</sup>
4008321339669	Shipping carton box 25	1242 mm x 142 mm x 145 mm	5100.00 g	25.57 dm <sup>3</sup>
4008321339683	Shipping carton box 25	142 mm x 1242 mm x 145 mm	5100.00 g	25.57 dm <sup>3</sup>
4008321339720	Shipping carton box 25	1542 mm x 142 mm x 145 mm	6295.00 g	31.75 dm <sup>3</sup>
4008321339706	Shipping carton box 25	1542 mm x 142 mm x 145 mm	6295.00 g	31.75 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.

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#### DISCLAIMER

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