

LUMILUX T8 ES

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



Areas of application

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

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 CO₂ 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

Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B (R_a: 80...89)



Product family datasheet

Technical data

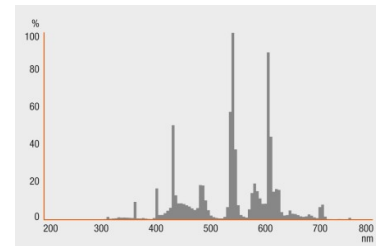
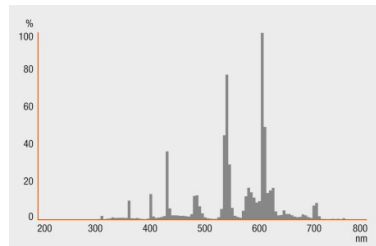
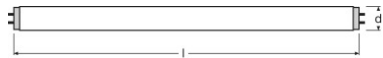
Product description	Electrical data	Photometrical data				Dimensions & weight		Temperatures	Lifespan		Additional product data
	Nominal wattage	Color rendering index Ra	Luminous flux at 25 °C	Color temperature	Light color (designation)	Tube diameter	Length with base excl. base pins/connection	Rated ambient temp.w. max.luminous flux	Service life	Lifespan	Base (standard designation)
L 16 W/830 ES	15.8 W	≥80	1050 lm	3000 K	LUMILUX Warm White	26 mm	590.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13
L 16 W/840 ES	15.8 W	≥80	1050 lm	4000 K	LUMILUX Cool White	26 mm	590.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13
L 32 W/830 ES	30.5 W	≥80	2500 lm	3000 K	LUMILUX Warm White	26 mm	1200.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13
L 32 W/840 ES	30.5 W	≥80	2500 lm	4000 K	LUMILUX Cool White	26 mm	1200.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13
L 51 W/830 ES	50.5 W	≥80	4200 lm	3000 K	LUMILUX Warm White	26 mm	1500.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13
L 51 W/840 ES	50.5 W	≥80	4200 lm	4000 K	LUMILUX Cool White	26 mm	1500.00 mm	35.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13

Product description	Appropriate disposal acc. to WEEE	Capabilities	Certificates & standards	
		Suitable for indoor	Energy consumption	Energy efficiency class
L 16 W/830 ES	Yes	Yes	20 kWh/1000h	A
L 16 W/840 ES	Yes	Yes	20 kWh/1000h	A
L 32 W/830 ES	Yes	Yes	39 kWh/1000h	A
L 32 W/840 ES	Yes	Yes	39 kWh/1000h	A

Product family datasheet

Product description	Appropriate disposal acc. to WEEE	Capabilities	Certificates & standards	
		Suitable for indoor	Energy consumption	Energy efficiency class
L 51 W/830 ES	Yes	Yes	60 kWh/1000h	A
L 51 W/840 ES	Yes	Yes	60 kWh/1000h	A

1) With preheat ECG



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

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

Product family datasheet

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp
Not released for dimming operation.

Application advice

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

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321955791	L 16 W/830 ES	Shipping carton box 25	632 mm x 142 mm x 145 mm	13.01 dm ³	2625.00 g
4008321955777	L 16 W/840 ES	Shipping carton box 25	632 mm x 142 mm x 145 mm	13.01 dm ³	2625.00 g
4008321339652	L 32 W/830 ES	Shipping carton box 25	1242 mm x 142 mm x 145 mm	25.57 dm ³	5100.00 g
4008321339676	L 32 W/840 ES	Shipping carton box 25	142 mm x 1242 mm x 145 mm	25.57 dm ³	5100.00 g
4008321339713	L 51 W/830 ES	Shipping carton box 25	1542 mm x 142 mm x 145 mm	31.75 dm ³	6295.00 g
4008321339690	L 51 W/840 ES	Shipping carton box 25	1542 mm x 142 mm x 145 mm	31.75 dm ³	6295.00 g

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.

Product family datasheet

References / Links

For more information on QUICKTRONIC electronic control gear go to

▶ www.osram.com/QUICKTRONIC

Disclaimer

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