

# PRODUCT FAMILY DATASHEET

## LUMILUX T5 HO XT

Tubular fluorescent lamps 16 mm, high output, long life, with G5 base



---

### AREAS OF APPLICATION

- Industry
- Tunnels, underpasses

---

### PRODUCT BENEFITS

- Much lower total cost of ownership, comprising investment, maintenance and relamping costs
- Lower maintenance costs thanks to longer replacement intervals
- Longer service life, so fewer lamps for waste disposal
- Compatible with and easily exchangeable with conventional T5 lamps
- High luminous flux

---

### PRODUCT FEATURES

- Extremely reliable: long life, low premature failure rate, 90 % luminous flux throughout their life
- Extremely long average lifetime: up to 45,000 h (with QUICKTRONIC ECG)
- Good color rendering group: 1B ( $R_a$ : 80...89)
- Dimmable



TECHNICAL DATA

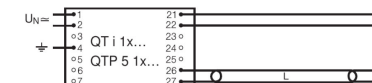
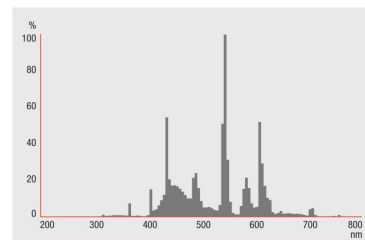
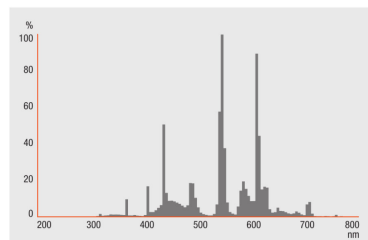
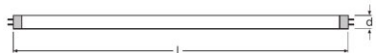
Product description	Electrical data	Photometrical data								Dimensions & weight	
	Nominal wattage	Color rendering index Ra	Luminous flux at 25 °C	Luminous flux at 35 °C	Color temperature	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Tube diameter	Length with base excl. base pins/connection
HO XT 49 W/840 <sup>1)</sup>	49.00 W	≥80	4300 lm	4900 lm	4000 K	LUMILUX Cool White	4000 K	4310 lm	≥80	16 mm	1449.00 mm
HO XT 49 W/865 <sup>1)</sup>	49.00 W	≥80	4100 lm	4900 lm	6500 K	LUMILUX Cool Daylight	6500 K	4100 lm	≥80	16 mm	1449.00 mm
HO XT 54 W/840 <sup>1)</sup>	54.00 W	≥80	4450 lm	5000 lm	4000 K	LUMILUX Cool White	4000 K	4450 lm	≥80	16 mm	1149.00 mm
HO XT 54 W/865 <sup>1)</sup>	54.00 W	≥80	4100 lm	5000 lm	6500 K	LUMILUX Cool Daylight	6500 K	4100 lm	≥80	16 mm	1149.00 mm
HO XT 80 W/840 <sup>1)</sup>	80.00 W	≥80	6150 lm	7000 lm	4000 K	LUMILUX Cool White	4000 K	6150 lm	≥80	16 mm	1449.00 mm
HO XT 80 W/865 <sup>1)</sup>	80.00 W	≥80	5700 lm	6650 lm	6500 K	LUMILUX Cool Daylight	6500 K	5700 lm	≥80	16 mm	1449.00 mm

Product description	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
	Rated ambient temp.w. max.luminous flux	Service life	Lifespan	Base (standard designation)	Show WEEE picto	Dimmable	Energy efficiency class	Energy consumption
HO XT 49 W/840 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A+	55 kWh/1000h
HO XT 49 W/865 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A+	55 kWh/1000h
HO XT 54 W/840 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A+	60 kWh/1000h
HO XT 54 W/865 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A	60 kWh/1000h
HO XT 80 W/840 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A	88 kWh/1000h

	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
Product description	Rated ambient temp.w. max.luminous flux	Service life	Lifespan	Base (standard designation)	Show WEEE picto	Dimmable	Energy efficiency class	Energy consumption
HO XT 80 W/865 <sup>1)</sup>	35.0 °C	30000 h <sup>2)</sup>	45000 h <sup>2)</sup>	G5	Yes	Yes	A	88 kWh/1000h

<sup>1)</sup> For ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C

<sup>2)</sup> With preheat ECG



HO XT 49 W/840, HO XT 49 W/865, HO XT 54 W/840, HO XT 54 W/865, HO XT 80 W/840, HO XT 80 W/865

HO XT 49 W/840, HO XT 54 W/840, HO XT 80 W/840

HO XT 49 W/865, HO XT 54 W/865, HO XT 80 W/865

HO XT 49 W/840, HO XT 49 W/865, HO XT 54 W/840, HO XT 54 W/865, HO XT 80 W/840, HO XT 80 W/865




---

HO XT 49 W/840, HO XT 49 W/865, HO XT 54 W/840, HO XT 54 W/865, HO XT 80 W/840, HO XT 80 W/865

---

### SYSTEM GUARANTEE

OSRAM System+ Guarantee in combination with OSRAM ECGs

---

### SAFETY ADVICE

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

---

### 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
4008321958631	Shipping carton box 20	1482 mm x 83 mm x 104 mm	3450.00 g	12.79 dm <sup>3</sup>
4008321958648	Shipping carton box 20	1482 mm x 104 mm x 83 mm	3450.00 g	12.79 dm <sup>3</sup>
4008321958679	Shipping carton box 20	1182 mm x 83 mm x 104 mm	2712.50 g	10.20 dm <sup>3</sup>
4008321958686	Shipping carton box 20	1182 mm x 104 mm x 83 mm	2713.00 g	10.20 dm <sup>3</sup>
4008321958716	Shipping carton box 20	1482 mm x 83 mm x 104 mm	3450.00 g	12.79 dm <sup>3</sup>
4008321958723	Shipping carton box 20	1482 mm x 83 mm x 104 mm	3450.00 g	12.79 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.

---

#### REFERENCES / LINKS

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ [www.ledvance.com/system-guarantee](http://www.ledvance.com/system-guarantee)

---

#### DISCLAIMER

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