

PRODUCT FAMILY DATASHEET

LUMILUX T8

Tubular fluorescent lamps 26 mm, with G13 bases



AREAS OF APPLICATION

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Proven lamp technology
- Good economy thanks to high efficiency
- Available in many different light colors (2,700...8,000 K) for various applications

PRODUCT FEATURES

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B (R_a : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX



TECHNICAL DATA

Product description	Electrical data	Photometrical data				Dimensions & weight		Temperatures & operating conditions	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)	Show WEEE picto
L 10 W/827	10.00 W	≥80	650 lm	2700 K	LUMILUX INTERNA	26 mm	470.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 15 W/827	15.00 W	≥80	950 lm	2700 K	LUMILUX INTERNA	26 mm	438.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 15 W/830	15.00 W	≥80	950 lm	3000 K	LUMILUX Warm White	26 mm	438.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 15 W/840	15.00 W	≥80	950 lm	4000 K	LUMILUX Cool White	26 mm	438.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 15 W/865	15.00 W	≥80	900 lm	6500 K	LUMILUX Cool Daylight	26 mm	438.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 16 W/827	16.00 W	≥80	1250 lm	2700 K	LUMILUX INTERNA	26 mm	720.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 16 W/830	16.00 W	>80	1250 lm	3000 K	LUMILUX Warm White	26 mm	720.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 16 W/840	16.00 W	≥80	1250 lm	4000 K	LUMILUX Cool White	26 mm	720.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/827	18.00 W	≥80	1350 lm	2700 K	LUMILUX INTERNA	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/830	18.00 W	≥80	1350 lm	3000 K	LUMILUX Warm White	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/830	18.00 W	>80	1350 lm	3000 K		26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/835	18.00 W	≥80	1350 lm	3500 K	LUMILUX White	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/840	18.00 W	≥80	1350 lm	4000 K	LUMILUX Cool White	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes

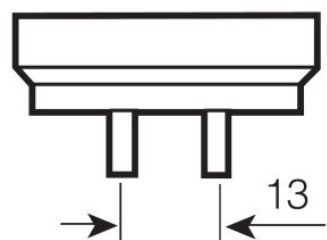
Product description	Electrical data	Photometrical data				Dimensions & weight		Temperatures & operating conditions	Lifespan		Additional product data	
	Nominal wattage	Color rendering index Ra	Luminous flux at 25 °C	Color temperature	Light color (designation)	Tube diameter	Length with base excl. base pins/connection	Rated ambient temp.w. max.luminous flux	Service life	Lifespan	Base (standard designation)	Show WEEE picto
L 18 W/865	180.00 W	≥80	1300 lm	6500 K	LUMILUX Cool Daylight	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 18 W/880	18.00 W	≥80	1300 lm	8000 K	LUMILUX SKYWHITE	26 mm	590.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 23 W/830	23.00 W	≥80	1900 lm	3000 K	LUMILUX Warm White	26 mm	970.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 23 W/840	23.00 W	≥80	1900 lm	4000 K	LUMILUX Cool White	26 mm	970.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 30 W/827	30.00 W	≥80	2400 lm	2700 K	LUMILUX INTERNA	26 mm	895.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 30 W/830	30.00 W	≥80	2400 lm	3000 K	LUMILUX Warm White	26 mm	895.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 30 W/840	30.00 W	≥80	2400 lm	4000 K	LUMILUX Cool White	26 mm	895.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 30 W/865	30.00 W	≥80	2350 lm	6500 K	LUMILUX Cool Daylight	26 mm	895.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 30 W/880	30.00 W	≥80	2350 lm	8000 K	LUMILUX SKYWHITE	26 mm	895.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 36 W/827	36.00 W	≥80	3350 lm	2700 K	LUMILUX INTERNA	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 36 W/830	36.00 W	≥80	3350 lm	3000 K	LUMILUX Warm White	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 36 W/835	36.00 W	≥80	3350 lm	3500 K	LUMILUX White	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 36 W/840	36.00 W	≥80	3350 lm	4000 K	LUMILUX Cool White	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes

Product description	Electrical data	Photometrical data				Dimensions & weight		Temperatures & operating conditions	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)	Show WEEE picto
L 36 W/865	36.00 W	≥80	3250 lm	6500 K	LUMILUX Cool Daylight	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 36 W/880	36.00 W	≥80	3010 lm	8000 K	LUMILUX SKYWHITE	26 mm	1200.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 38 W/830	38.00 W	≥80	3300 lm	3000 K	LUMILUX Warm White	26 mm	1047.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 38 W/840	38.00 W	≥80	3300 lm	4000 K	LUMILUX Cool White	26 mm	1047.00 mm	25.0 °C	16000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/827	58.00 W	≥80	5200 lm	2700 K	LUMILUX INTERNA	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/830	58.00 W	≥80	5200 lm	3000 K	LUMILUX Warm White	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/835	58.00 W	≥80	5200 lm	3500 K	LUMILUX White	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/840	58.00 W	≥80	5200 lm	4000 K	LUMILUX Cool White	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/865	58.00 W	≥80	5000 lm	6500 K	LUMILUX Cool Daylight	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 58 W/880	58.00 W	≥80	4900 lm	8000 K	LUMILUX SKYWHITE	26 mm	1500.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 70 W/835	70.00 W	≥80	6200 lm	3500 K	LUMILUX White	26 mm	1764.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes
L 70 W/840	70.00 W	≥80	6200 lm	4000 K	LUMILUX Cool White	26 mm	1764.00 mm	25.0 °C	18000 h ¹⁾	20000 h ¹⁾	G13	Yes

Product description	Capabilities		Certificates & standards	
	Dimmable	Suitable for indoor	Energy consumption	Energy efficiency class
L 10 W/827	Yes	Yes	13 kWh/1000h	A
L 15 W/827	Yes	Yes	19 kWh/1000h	B
L 15 W/830	Yes	Yes	19 kWh/1000h	B
L 15 W/840	Yes	Yes	19 kWh/1000h	B
L 15 W/865	Yes	Yes	19 kWh/1000h	B
L 16 W/827	Yes	Yes	20 kWh/1000h	A
L 16 W/830	Yes	Yes	20 kWh/1000h	A
L 16 W/840	Yes	Yes	20 kWh/1000h	A
L 18 W/827	Yes	Yes	22 kWh/1000h	A
L 18 W/830	Yes	Yes	22 kWh/1000h	A
L 18 W/830	Yes	Yes	22 kWh/1000h	A
L 18 W/835	Yes	Yes	22 kWh/1000h	A
L 18 W/840	Yes	Yes	23 kWh/1000h	A
L 18 W/865	Yes	Yes	23 kWh/1000h	A
L 18 W/880	Yes	Yes	23 kWh/1000h	A
L 23 W/830	Yes	Yes	28 kWh/1000h	A
L 23 W/840	Yes	Yes	28 kWh/1000h	A
L 30 W/827	Yes	Yes	36 kWh/1000h	A
L 30 W/830	Yes	Yes	36 kWh/1000h	A
L 30 W/840	Yes	Yes	36 kWh/1000h	A
L 30 W/865	Yes	Yes	36 kWh/1000h	A
L 30 W/880	Yes	Yes	36 kWh/1000h	A
L 36 W/827	Yes	Yes	43 kWh/1000h	A+
L 36 W/830	Yes	Yes	43 kWh/1000h	A+
L 36 W/835	Yes	Yes	43 kWh/1000h	A+
L 36 W/840	Yes	Yes	43 kWh/1000h	A+
L 36 W/865	Yes	Yes	43 kWh/1000h	A
L 36 W/880	Yes	Yes	43 kWh/1000h	A
L 38 W/830	Yes	Yes	46 kWh/1000h	A
L 38 W/840	Yes	Yes	46 kWh/1000h	A

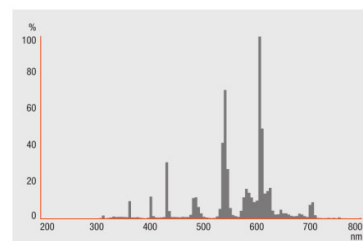
Product description	Capabilities		Certificates & standards	
	Dimmable	Suitable for indoor	Energy consumption	Energy efficiency class
L 58 W/827	Yes	Yes	68 kWh/1000h	A
L 58 W/830	Yes	Yes	68 kWh/1000h	A
L 58 W/835	Yes	Yes	68 kWh/1000h	A
L 58 W/840	Yes	Yes	68 kWh/1000h	A
L 58 W/865	Yes	Yes	68 kWh/1000h	A
L 58 W/880	Yes	Yes	68 kWh/1000h	A
L 70 W/835	Yes	Yes	81 kWh/1000h	A
L 70 W/840	Yes	Yes	81 kWh/1000h	A

¹⁾ With preheat ECG

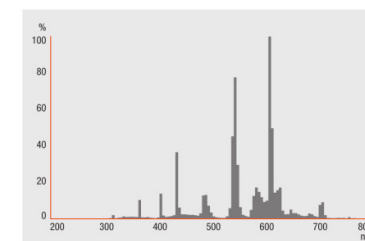


G13
IEC 7004-51
DIN 49653 T1

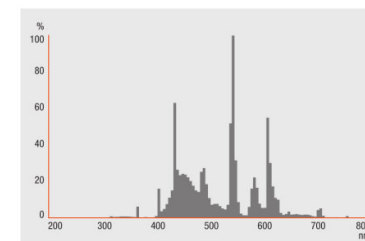
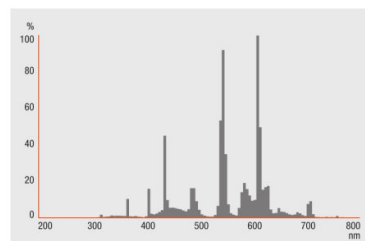
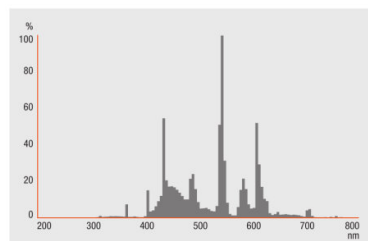
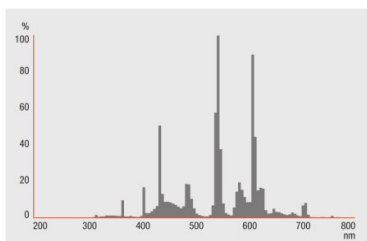
L 15 W/827, L 18 W/830, L 18 W/830, L 18 W/840, L 18 W/865, L 30 W/827, L 30 W/840, L 36 W/830, L 36 W/840, L 58 W/830, L 58 W/840, L 58 W/865



L 10 W/827, L 15 W/827, L 16 W/827, L 18 W/827, L 30 W/827, L 36 W/827, L 58 W/827



L 15 W/830, L 16 W/830, L 18 W/830, L 23 W/830, L 30 W/830, L 36 W/830, L 38 W/830, L 58 W/830



L 15 W/840, L 16 W/840, L 18 W/840, L 23 W/840, L 30 W/840, L 36 W/840, L 38 W/840, L 58 W/840, L 70 W/840

L 15 W/865, L 18 W/865, L 30 W/865, L 36 W/865, L 58 W/865

L 18 W/835, L 36 W/835, L 58 W/835, L 70 W/835

L 18 W/880, L 30 W/880, L 36 W/880, L 58 W/880

SYSTEM GUARANTEE

OSRAM System+ Guarantee in combination with OSRAM ECGs

SAFETY ADVICE

In case of lamp breakage: www.ledvance.com/brokenlamp

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
4050300446165	L 10 W/827	Shipping carton box 25	390 mm x 270 mm x 147 mm	15.48 dm ³	2189.33 g
4050300446042	L 15 W/827	Shipping carton box 25	368 mm x 258 mm x 145 mm	13.77 dm ³	2034.00 g
4050300446028	L 15 W/830	Shipping carton box 25	396 mm x 230 mm x 145 mm	13.21 dm ³	2009.00 g
4050300446004	L 15 W/840	Shipping carton box 25	422 mm x 200 mm x 145 mm	12.24 dm ³	2009.00 g
4050300446189	L 15 W/865	Shipping carton box 25	413 mm x 213 mm x 145 mm	12.76 dm ³	2034.00 g
4050300446080	L 16 W/827	Shipping carton box 25	558 mm x 352 mm x 145 mm	28.48 dm ³	3152.00 g
4008321959065	L 16 W/830	Shipping carton box 25	762 mm x 142 mm x 145 mm	15.69 dm ³	3127.00 g
4050300446066	L 16 W/840	Shipping carton box 25	639 mm x 270 mm x 145 mm	25.02 dm ³	3127.00 g
4050300517834	L 18 W/827	Shipping carton box 25	534 mm x 245 mm x 145 mm	18.97 dm ³	2625.00 g
4050300517810	L 18 W/830	Shipping carton box 25	564 mm x 216 mm x 145 mm	17.66 dm ³	2625.00 g
4050300470405	L 18 W/830	Shipping carton box 30	562 mm x 270 mm x 206 mm	31.26 dm ³	2941.00 g
4050300447964	L 18 W/835	Shipping carton box 25	535 mm x 244 mm x 145 mm	18.93 dm ³	2625.00 g
4050300517797	L 18 W/840	Shipping carton box 25	632 mm x 194 mm x 145 mm	17.78 dm ³	2625.00 g
4050300517773	L 18 W/865	Shipping carton box 25	223 mm x 552 mm x 145 mm	17.85 dm ³	2775.00 g
4052899209015	L 18 W/865	Shipping carton box 10	677 mm x 177 mm x 60 mm	7.19 dm ³	1377.00 g
4008321027962	L 18 W/880	Shipping carton box 25	469 mm x 309 mm x 145 mm	21.01 dm ³	2625.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321331946	L 18 W/880	Shipping carton box 10	677 mm x 67 mm x 177 mm	8.03 dm ³	1381.40 g
4050300446264	L 23 W/830	Shipping carton box 25	726 mm x 443 mm x 145 mm	46.63 dm ³	4216.00 g
4050300446240	L 23 W/840	Shipping carton box 25	799 mm x 369 mm x 145 mm	42.75 dm ³	4216.00 g
4050300518077	L 30 W/827	Shipping carton box 25	781 mm x 305 mm x 145 mm	34.54 dm ³	3910.00 g
4050300518053	L 30 W/830	Shipping carton box 25	781 mm x 304 mm x 145 mm	34.43 dm ³	3910.00 g
4050300518039	L 30 W/840	Shipping carton box 25	781 mm x 306 mm x 145 mm	34.65 dm ³	3872.50 g
4050300518015	L 30 W/865	Shipping carton box 25	937 mm x 260 mm x 232 mm	56.52 dm ³	3910.00 g
4008321027986	L 30 W/880	Shipping carton box 25	674 mm x 412 mm x 145 mm	40.26 dm ³	3910.00 g
4050300517919	L 36 W/827	Shipping carton box 25	1242 mm x 142 mm x 145 mm	25.57 dm ³	4880.14 g
4050300443324	L 36 W/830	Shipping carton box 30	1269 mm x 169 mm x 206 mm	44.18 dm ³	5401.00 g
4050300517896	L 36 W/830	Shipping carton box 25	1242 mm x 142 mm x 145 mm	25.57 dm ³	5450.00 g
4050300447988	L 36 W/835	Shipping carton box 25	1242 mm x 268 mm x 145 mm	48.26 dm ³	5450.00 g
4050300443300	L 36 W/840	Shipping carton box 30	1269 mm x 169 mm x 206 mm	44.18 dm ³	6018.00 g
4050300517872	L 36 W/840	Shipping carton box 25	1242 mm x 142 mm x 145 mm	25.57 dm ³	5450.00 g
4050300517858	L 36 W/865	Shipping carton box 25	1242 mm x 142 mm x 171 mm	30.16 dm ³	4892.13 g
4052899209039	L 36 W/865	Shipping carton box 10	1287 mm x 177 mm x 60 mm	13.67 dm ³	2690.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321002976	L 36 W/880	Shipping carton box 25	1029 mm x 366 mm x 145 mm	54.61 dm ³	5450.00 g
4050300518152	L 38 W/830	Shipping carton box 25	1129 mm x 150 mm x 151 mm	25.57 dm ³	4447.50 g
4050300518138	L 38 W/840	Shipping carton box 25	617 mm x 621 mm x 149 mm	57.09 dm ³	4512.00 g
4050300603049	L 58 W/827	Shipping carton box 25	1195 mm x 499 mm x 145 mm	86.46 dm ³	6520.00 g
4050300470382	L 58 W/830	Shipping carton box 30	1295 mm x 456 mm x 206 mm	121.65 dm ³	7243.00 g
4050300517971	L 58 W/830	Shipping carton box 25	1310 mm x 379 mm x 145 mm	71.99 dm ³	6520.00 g
4050300448008	L 58 W/835	Shipping carton box 25	1076 mm x 612 mm x 145 mm	95.48 dm ³	6270.00 g
4050300336787	L 58 W/840	Shipping carton box 10	1587 mm x 60 mm x 177 mm	16.85 dm ³	3758.00 g
4050300443362	L 58 W/840	Shipping carton box 30	1293 mm x 423 mm x 165 mm	90.24 dm ³	7243.00 g
4050300517957	L 58 W/840	Shipping carton box 25	1542 mm x 273 mm x 145 mm	61.04 dm ³	6520.00 g
4050300517933	L 58 W/865	Shipping carton box 25	1542 mm x 142 mm x 145 mm	31.75 dm ³	6520.00 g
4052899209053	L 58 W/865	Shipping carton box 10	1587 mm x 177 mm x 60 mm	16.85 dm ³	3818.00 g
4008321002990	L 58 W/880	Shipping carton box 25	842 mm x 847 mm x 145 mm	103.41 dm ³	6270.00 g
4008321003911	L 70 W/835	Shipping carton box 25	1252 mm x 461 mm x 153 mm	88.31 dm ³	7304.33 g
4008321003959	L 70 W/840	Shipping carton box 25	1798 mm x 148 mm x 153 mm	40.71 dm ³	7254.80 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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.

REFERENCES / LINKS

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

- ▶ www.ledvance.com/system-guarantee

DISCLAIMER

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