



Take the lead.
Quality fluorescent lamps
from OSRAM.



SEE THE WORLD IN A NEW LIGHT

OSRAM



●●● Top team, top technology

Whatever the application, whatever the requirements there is a fluorescent lamp from OSRAM that is exactly right. In all standard wattages and light colours with tube diameters of 26 or 16 mm. For normal lighting tasks and innovative lighting solutions. For domestic and commercial applications, indoors and outdoors, with electronic control gear perfectly matched to the lamps or as complete luminaires.

T8 – daily business

T8 LUMILUX® and T8 LUMILUX® DE LUXE are the specialists for use throughout the home, in hobby rooms and offices. T8 LUMILUX® and T8 LUMILUX® DE LUXE offer even better quality of light, lower luminous flux losses, longer service life and greater economy.

T5 LUMILUX® – professional performance

T5 HE, T5 HO and T5 HO CONSTANT are ideal for innovative lighting solutions. T5 lamps enable space-saving luminaires to be made even more compact than with T8 lamps. T5 fluorescent lamps from OSRAM also combine compact T5 design with the benefits of innovative LUMILUX® technology from OSRAM, such as excellent colour rendering.





Systematic solutions

Innovative QUICKTRONIC® electronic control gear from OSRAM, tailored specifically to our T8 and T5 fluorescent lamps, ensures optimum operation. Modern luminaires from OSRAM provide a quick and easy way to achieve “complete” lighting solutions.





T8 – daily business

T8 LUMILUX®: Ambitious

T8 LUMILUX® lamps are setting new standards. Thanks to their high luminous efficacy, constant bright light and good colour rendering, they are the perfect solution for high-intensity economical lighting (for example for public buildings, offices and retail outlets).

- Colour rendering index $R_a > 80$ for natural colours
- **NEW:** T8 LUMILUX® SKYWHITE with light colour 880 – reduces visual fatigue, improves contrast, supports activity and promotes vigour.





T8 LUMILUX® DE LUXE: Demanding

Optimum quality of light, high efficiency:

With their excellent colour rendering index of $R_a > 90$, good luminous efficacy and improved luminous flux of up to 4600 lm, T8 LUMILUX® DE LUXE lamps meet particular high requirements in terms of colour rendering, for example for shop lighting, the textile, printing and graphics industries and medical applications.

- High luminous flux and the highest colour rendering level 1A
- More applications than ever before



T8 LUMILUX® and T8 LUMILUX® DE LUXE already meet the requirements of the new European standard EN 12464-1 for workplaces: "Lamps with a colour rendering index of $R_a < 80$ should not be used in rooms in which people work or stay for lengthy periods."

(Source: EN 12464-1)



T5 LUMILUX® – professional performance



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(Source: EN 12464-1)



T5 LUMILUX® HE: Resilient

For innovative and particularly economical solutions: At 104 lm/W, this is the "diesel" among T5 lamps. Ideal for office lighting. Energy savings of up to 40 percent. Simple replacement of existing T5 High Efficiency lamps from other manufacturers to T5 HE lamps with outstanding LUMILUX® technology from OSRAM is possible.



T5 LUMILUX® HO: Athletic

The "turbo" option for innovative and particularly bright solutions: Ideal particularly in direct/indirect lighting systems, for example in industrial lighting systems for factories with high ceilings. Now also available in the exclusive 880 SKYWHITE light colour. Simple replacement of existing High Output lamps from other manufacturers to T5 LUMILUX® HO from OSRAM is possible.

T5 LUMILUX® HO CONSTANT: Exceptional

For high luminous flux over a wide temperature range: T5 LUMILUX® HO CONSTANT is the perfect solution for very cold and very hot lighting installations. Thanks to new amalgam technology, high luminous flux can be achieved over a wide range of ambient temperatures. Between +5°C and +70°C the luminous flux is at least 90% of its rated value.





Systematic solutions



Perfect operation with QUICKTRONIC®

For just about every lamp and every requirement there is a perfectly matched QUICKTRONIC® ECG:

- for T8 and T5 LUMILUX® lamps
- also available in dimmable versions with DALI or 1 ... 10 V interfaces
- MULTIWATT, PROFESSIONAL and ECONOMIC versions
- NEW: QUICKTRONIC® INTELLIGENT – operation of T5 LUMILUX® lamps (HE and HO) of the same length but different wattages in the same luminaire
- DEOS® is the ideal solution for starter operation



**A special symbol of our strength:
OSRAM System+ Guarantee**

OSRAM is currently the only manufacturer to offer a guarantee on QUICKTRONIC® electronic control gear and LUMILUX® fluorescent lamps when operated together. For details of the terms and conditions of the guarantee and to register go to: <http://system-plus-guarantee.osram.info>

EXCLUSIVE





Complete lighting solutions with LUMILUX® and QUICKTRONIC®

The perfect lighting system of “LUMILUX® + QUICKTRONIC®” is already built into modern standard and batten fittings from OSRAM, such as the new LUMILUX® COMBI EL. Whether you want individual fittings or strip lighting, whether it's for mounting on walls or ceilings or for concealed mounting, with or without covers, louvres or reflectors, for fixed connection or with mains cable and plug – whatever your tastes and whatever your needs you'll find an appropriate solution.



Always the best choice: Fluorescent lamps from OSRAM

	T8 LUMILUX®	T8 LUMILUX® DE LUXE
Lamp diameter	26 mm	26 mm
Wattages/light colours¹⁾	10 W: 827, 840 15 W: 827, 830, 840, 865 16 W: 827, 840 18 W: 827, 830, 835, 840, 865, 880 23 W: 830, 840 30 W: 827, 830, 840, 865, 880 36 W: 827, 830, 835, 840, 880 36 W-1: 827, 840 38 W: 830, 840, 880 58 W: 827, 830, 835, 840, 865, 880	15 W: 930, 954 16 W: 930, 954 18 W: 930, 940, 965 30 W: 930, 965 36 W: 930, 954, 965 36 W-1: 954 58 W: 930, 940, 954, 965
Colour rendering	R _a > 80	R _a > 90
Average lamp life	20000 h ²⁾	20000 h ²⁾
Service life	16000 h	16000 h
Max. luminous flux at	25°C	25°C
Rated luminous flux, T5 lamps (at 35°C)	–	–
Rated luminous flux, T5 lamps (at 25°C)	up to 5200 lm	up to 4600 lm
Advantages	Good colour rendering, better maintenance ³⁾	Excellent colour rendering, good maintenance ³⁾
Applications	Offices, shops	Print shops, advertising agencies, high-quality shops

¹⁾Light colours: 827 = INTERNA, 830 = Warm White, 835 = White, 840 = Cool White, 865 = Daylight, 880 = SKYWHITE, 930 = Warm White, 940 = Cool White, 954 = Daylight, 965 = Daylight

T5 LUMILUX® HE	T5 LUMILUX® HO	T5 LUMILUX® HO CONSTANT
16 mm	16 mm	16 mm
14 W: 827, 830, 835, 840, 865 21 W: 827, 830, 835, 840, 865 28 W: 827, 830, 835, 840, 865 35 W: 827, 830, 835, 840, 865	24 W: 827, 830, 835, 840, 865, 880 39 W: 827, 830, 835, 840, 865, 880 49 W: 827, 830, 835, 840, 865 54 W: 827, 830, 835, 840, 865, 880 80 W: 827, 830, 835, 840, 865, 880	24 W: 827, 830, 835, 840, 865 39 W: 827, 830, 835, 840, 865 54 W: 827, 830, 835, 840, 865 80 W: 827, 830, 835, 840, 865
R _a > 80	R _a > 80	R _a > 80
24000 h ²⁾	24000 h ²⁾	24000 h ²⁾
18000 h	18000 h	18000 h
35°C	35°C	5°C–70°C*
up to 3650 lm	up to 7000 lm	up to 7000 lm
–	–	–
Slim diameter, high luminous efficacy, good colour rendering, good maintenance ³⁾	Slim diameter, high luminous flux, good colour rendering, good maintenance ³⁾	Slim diameter, * 90% luminous flux in the range from 5°C to 70°C good colour rendering, good maintenance ³⁾
Offices, schools	Hospitals, doctors practices	For very cold and very hot lighting installations

GLOBAL CARE



Committed to the environment

Our LUMILUX® fluorescent lamps are also impressive for their low environmental impact – in more ways than one:

- Greatly reduced mercury content (< 5 mg as per RoHS¹⁾)
- Longer service life, so fewer lamps for waste disposal
- Fully recyclable:
 - Selective separation of components
 - Recycling as secondary raw materials
 - Re-use in lamp production
- Compliance with EU regulations (WEEE)

You can find the latest OSRAM Environment Report and other information on light and the environment at www.osram.com

¹⁾RoHS = Restrictions of Hazardous Substances (binding from July 2006)

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OSRAM fluorescent lamps on the internet

All the information available at any time online:
Detailed up-to-date information on OSRAM fluorescent lamps on the internet at www.osram.de/lumilux and www.osram.com/lumilux:

- Product features, benefits, applications, technical information and ordering data – for all T8 and T5 LUMILUX® fluorescent lamps from OSRAM
- A cost/benefit calculator for T8 and T5 LUMILUX® fluorescent lamps on ECGs and CCGs

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