



NEW:  
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XXT.

# OSRAM LUMILUX® XT and XXT. A clear run for lower costs.

New family of T8 lamps with particularly long lives for extended relamping cycles.



SEE THE WORLD IN A NEW LIGHT

**OSRAM**



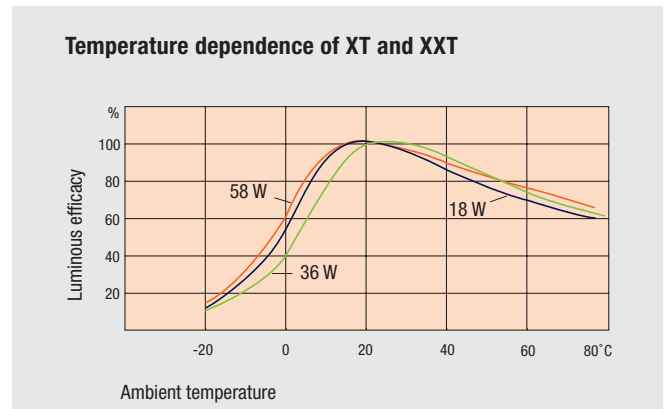
# Good for your balance sheet, good for the environment. OSRAM LUMILUX® XT and XXT.

The successful OSRAM LUMILUX® XT T8 fluorescent lamps have now been joined by a powerful bigger brother. With a life of up to 90,000 hours, OSRAM LUMILUX® XXT lamps will provide even greater opportunities for money-saving eco-friendly lighting.

The two lamp families offer innovative solutions for lighting systems in which relamping involves high costs. Thanks to a high level of reliability and long service life\* these lamps extend the maintenance cycle considerably. Costs are greatly reduced as a result. OSRAM LUMILUX® XT and XXT lamps also make a contribution to environmental protection. Their service life\* is much higher than that of a normal LUMILUX® lamp. Less material such as glass and metal is therefore needed.

### OSRAM LUMILUX® XT und XXT:

- Extremely reliable: long life, low premature failure rate, 90 % luminous flux throughout their life
- Much lower total cost of ownership (TCO) comprising investment, operation, maintenance and relamping (group replacement can be scheduled in advance for example)
- Environmentally friendly: the mercury content (< 5 mg) is well below the RoHS threshold
- Plus all the benefits of LUMILUX®: high luminous flux, high luminous efficacy, excellent color rendering



System	LUMILUX T8	LUMILUX XT T8	LUMILUX XXT T8
Relamping interval	18.000 h	42.000 h	75.000 h
Lamp costs / year	433 €	671 €	664 €
Maintenance costs / year	6.756 €	2.895 €	1.621 €
Energy costs / year	13.080 €	13.080 €	13.080 €
Total costs / year	20.269 €	16.647 €	15.365 €
Savings / year	0 €	3.622 €	4.904 €
Savings as a percentage	0 %	50 %	68 %

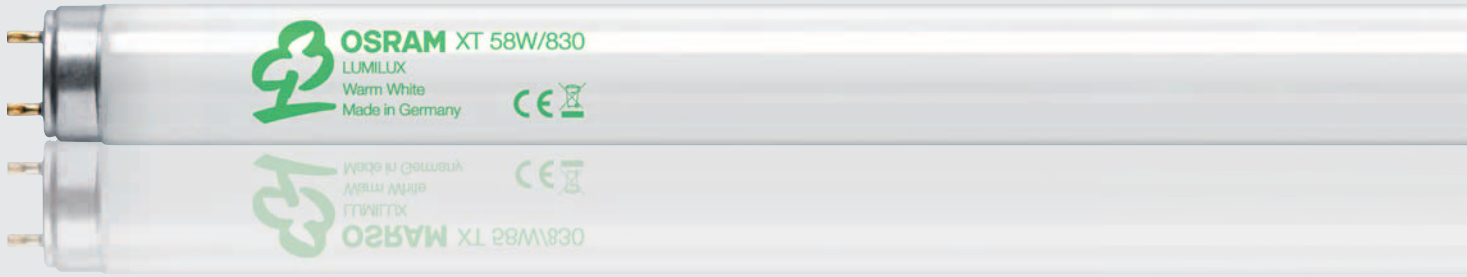
[www.osram.com/saver-calculator-t8](http://www.osram.com/saver-calculator-t8)

Here you can see for yourself how much you could save with OSRAM LUMILUX® XT/XXT.

Further information is available from our Customer Service Center on +49 (0)89-67845-222

[www.osram.com/saver-calculator-t8](http://www.osram.com/saver-calculator-t8)

You can quickly and easily calculate your potential savings by entering the number of lamps, hours burned per year and electricity costs.



## OSRAM LUMILUX® XT: Everything running to plan.

OSRAM LUMILUX® XT lamps are used in installations in which relamping can take place without disturbing normal operations – and does not lead to additional costs as a result of downtime for production or processes, for example outside normal opening or working hours in department stores, warehouses and subways.

### Benefits of LUMILUX® XT:

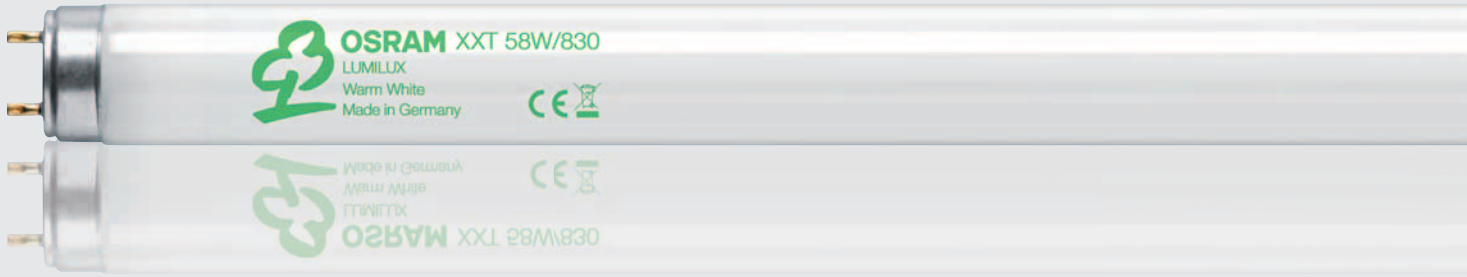
- Service life\* up to 42,000 hours on ECGs or up to 35,000 hours on LLGs
- Service life\* 2.3 times higher than that of a normal LUMILUX® lamp
- OSRAM System+ Guarantee for combined use: 5 years for LUMILUX® XT and 5 years for QUICKTRONIC® ECG  
(For details go to [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee))



\* Because of the low loss of light of OSRAM LUMILUX® XT/XTT lamps the service life of these lamps is defined as the time when 10% of the lamps have failed.



*More room for successful planning. With OSRAM LUMILUX® XT lamps, group replacements can be planned precisely over the long term. This reduces maintenance and relamping costs to a calculable minimum – and also cuts down overall lighting costs enormously.*



## OSRAM LUMILUX® XXT: When every second counts.

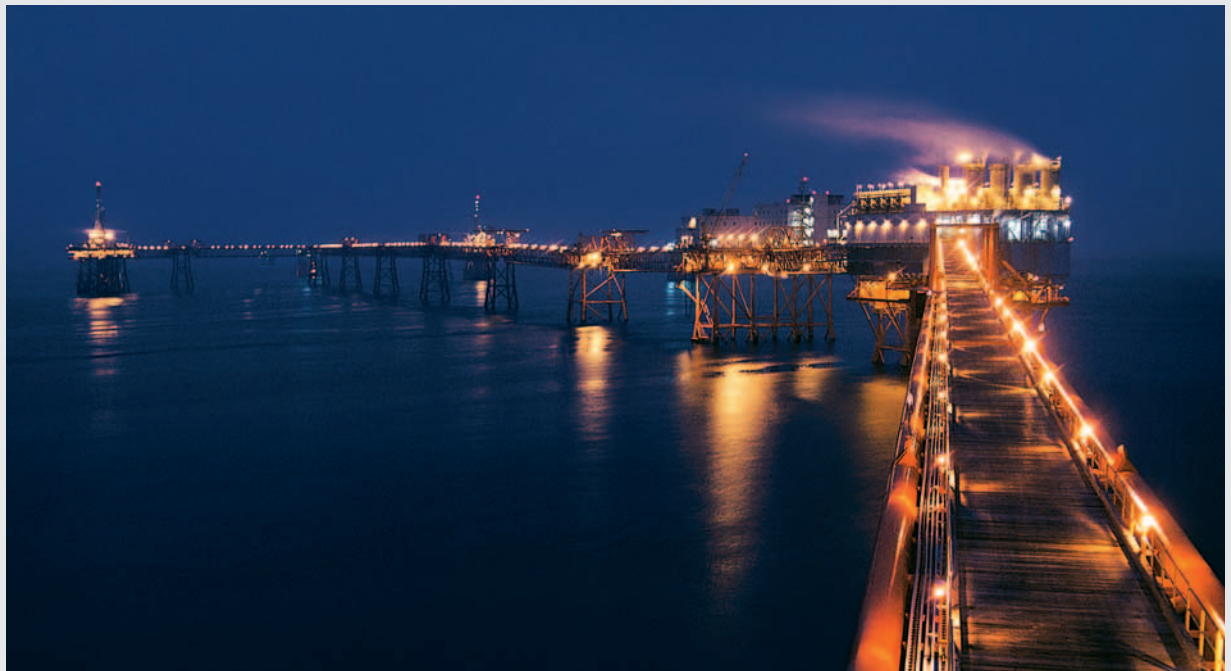
OSRAM LUMILUX® XXT lamps are ideally used in installations in which relamping cannot take place without disturbing normal operations – and leads to additional costs as a result of downtime for production or processes, for example in factories operating round the clock, high-bay warehouses, stations, tunnels, illuminated signage, drilling platforms and mines.

### Benefits of LUMILUX® XXT:

- Service life\* up to 75,000 hours on ECGs or up to 58,000 hours on LLGs
- Service life\* 4.1 times higher than that of a normal LUMILUX® lamp
- OSRAM System+ Guarantee for combined use: 8 years for LUMILUX® XXT and 8 years for QUICKTRONIC® ECG  
(For details go to [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee))

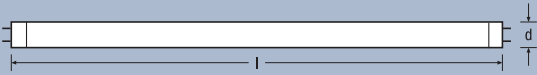


\* Because of the low loss of light of OSRAM LUMILUX® XT/XXT lamps the service life of these lamps is defined as the time when 10 % of the lamps have failed.



*Light for maximum productivity. OSRAM LUMILUX® XXT lamps offer extremely long maintenance cycles and planning periods – and can therefore be used wherever even the shortest breaks in normal production and working could lead to considerable consequential costs.*

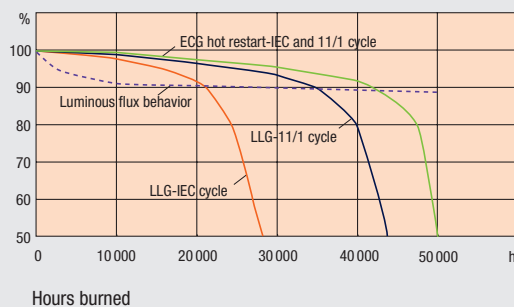
## TECHNICAL DATA



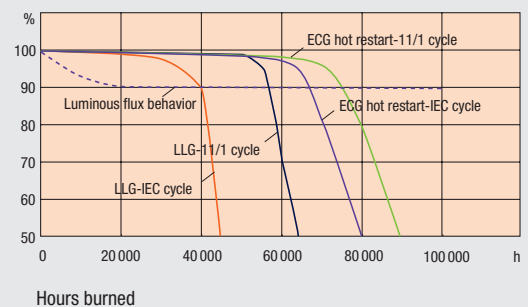
Product reference	Product number	W	Im CCG		Ra	TUBE d (mm)	l (mm)	
<b>OSRAM LUMILUX® XT – T8 tubular, G13 base</b>								
L 18W/830 XT	4008321 <b>209085</b>	18	1350	LUMILUX Warm White	80...89	26	590	25
L 18W/840 XT	4008321 <b>209108</b>	18	1350	LUMILUX Cool White	80...89	26	590	25
L 18W/865 XT	4008321 <b>209122</b>	18	1250	LUMILUX Cool Daylight	80...89	26	590	25
L 36W/830 XT	4008321 <b>209146</b>	36	3300	LUMILUX Warm White	80...89	26	1200	25
L 36W/840 XT	4008321 <b>209160</b>	36	3300	LUMILUX Cool White	80...89	26	1200	25
L 36W/865 XT	4008321 <b>209221</b>	36	3250	LUMILUX Cool Daylight	80...89	26	1200	25
L 58W/830 XT	4008321 <b>209344</b>	58	5200	LUMILUX Warm White	80...89	26	1500	25
L 58W/840 XT	4008321 <b>209320</b>	58	5200	LUMILUX Cool White	80...89	26	1500	25
L 58W/865 XT	4008321 <b>923622</b>	58	5000	LUMILUX Cool Daylight	80...89	26	1500	25
Product reference	Switching cycle	Average life (LLG, inductive)	Service life (LLG, inductive)	Average life (ECG, hot restart)	Service life (ECG, hot restart)			
all XT	165'/15' (as per IEC)	28000	21000	50000	42000			
all XT	11 h/1 h	44000	35000	50000	42000			

Product reference	Product number	W	Im CCG		Ra	TUBE d (mm)	l (mm)	
<b>OSRAM LUMILUX® XXT – T8 tubular, G13 base</b>								
L 18W/830 XXT	4008321 <b>923646</b>	18	1350	LUMILUX Warm White	80...89	26	590	25
L 18W/840 XXT	4008321 <b>923660</b>	18	1350	LUMILUX Cool White	80...89	26	590	25
L 18W/865 XXT	4008321 <b>923684</b>	18	1250	LUMILUX Cool Daylight	80...89	26	590	25
L 36W/830 XXT	4008321 <b>923707</b>	36	3250	LUMILUX Warm White	80...89	26	1200	25
L 36W/840 XXT	4008321 <b>923721</b>	36	3250	LUMILUX Cool White	80...89	26	1200	25
L 36W/865 XXT	4008321 <b>923745</b>	36	3150	LUMILUX Cool Daylight	80...89	26	1200	25
L 58W/830 XXT	4008321 <b>923769</b>	58	5150	LUMILUX Warm White	80...89	26	1500	25
L 58W/840 XXT	4008321 <b>923783</b>	58	5150	LUMILUX Cool White	80...89	26	1500	25
L 58W/865 XXT	4008321 <b>923806</b>	58	5000	LUMILUX Cool Daylight	80...89	26	1500	25
Product reference	Switching cycle	Average life (LLG, inductive)	Service life (LLG, inductive)	Average life (ECG, hot restart)	Service life (ECG, hot restart)			
all XXT	165'/15' (as per IEC)	44000	40000	80000	66000			
all XXT	11 h/1 h	63000	58000	90000	75000			

**Luminous flux behavior and survival rate of the XT**



**Luminous flux behavior and survival rate of the XXT**



**OSRAM GmbH**

**Head Office**

Hellabrunner Strasse 1

81543 Munich

Germany

Fon +49 (0)89-6213-0

Fax +49 (0)89-6213-20 20

[www.osram.com](http://www.osram.com)

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