

A big PLUS for you!

You can count on
OSRAM DULUX® T PLUS, T/E PLUS and
T/E IN PLUS compact fluorescent lamps

SEE THE WORLD IN A NEW LIGHT

OSRAM





DULUX® T PLUS

Ideal for CCG operation: OSRAM DULUX® T PLUS

OSRAM DULUX® T PLUS lamps are super-compact single-ended plug-in base lamps with triple-turn tubes for trouble-free economical operation on conventional control gear (CCG). They provide pleasant warm light with an even light distribution – similar to that of ordinary light bulbs – and excellent colour rendering. They last eight times longer than light bulbs of comparable brightness so there are long intervals between relamping. OSRAM DULUX® T PLUS lamps are around one third shorter than OSRAM DULUX® D lamps of comparable output and are ideal for unconventional small luminaires, downlights with small mounting depths and modern lighting systems.

Even more economical and comfortable: OSRAM DULUX® T/E PLUS

OSRAM DULUX® T/E PLUS lamps are designed for ECG operation. In combination with modern ECGs* they are even more economical, more comfortable and more reliable. These innovative compact fluorescent lamps are identical to those of the standard OSRAM DULUX® T PLUS lamps in terms of their dimensions and wattages. Thanks to their shortened pin bases, however, they are 7 mm shorter – which gives more leeway in planning and producing compact luminaires and lighting systems.

OSRAM DULUX® T/E PLUS lamps are designed for battery power, solar power and mains power. They are fully dimmable and also offer an even light distribution.

Best when the heat is on: OSRAM DULUX® T/E IN PLUS

OSRAM DULUX® T/E IN PLUS lamps were developed specifically for indoor lighting applications in which high ambient temperatures occur (in narrow downlights for example). They stay cool even when the going gets really hot. 90 percent of the luminous flux is achieved at ambient temperatures between 10° and 70° C. They can be used in almost all burning positions and with the same ECGs as OSRAM DULUX® T/E PLUS. Even the bases are identical, but overall they are another 5 mm shorter.

High-intensity OSRAM DULUX® T/E IN PLUS lamps are also suitable for outdoor applications. The 42 W and higher versions are equipped with integrated ignition assistance for faster starting.

**The corresponding QUICKTRONIC® control gear from OSRAM is available for one or two-lamp operation. The QUICKTRONIC® DIMMABLE family of ECGs is also available for creating dimmable luminaires.*





New. Big PLUS points: OSRAM

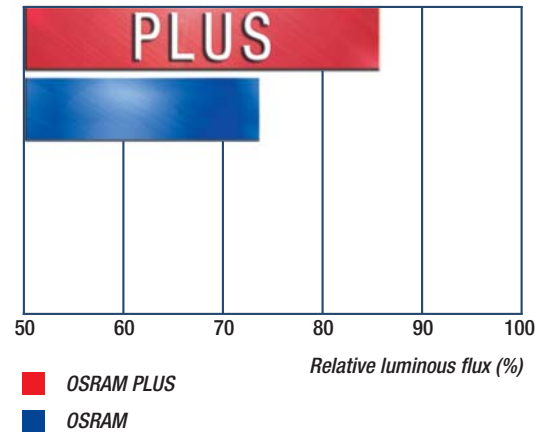
OSRAM has taken its successful DULUX® T family of compact fluorescent lamps and made even more improvements. The new enhanced generation is called OSRAM DULUX® T PLUS.

The name says it all. Compared with their predecessors, the new OSRAM DULUX® T PLUS, T/E PLUS and T/E IN PLUS pin-base lamps have some impressive plus points thanks to their innovative technology and special coating:

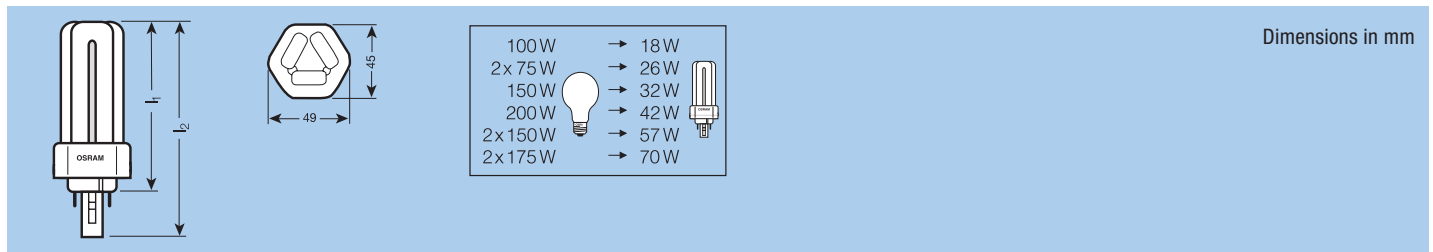
- **Improved maintenance**
- **Longer lamp life and service life**
- **Mercury content reduced from 4.5 to 3 mg**
- **Improved start-up behaviour**
- **Integrated ignition assistance for faster starting on T/E IN PLUS, 42 W and higher**

Main differences between “normal” and “PLUS” based on a before-and-after situation, e.g. for maintenance at 10,000 h

10,000 hours of operation



Technical data



Reference	Rated wattage of the lamp	Light colour	Colour rendering group	Luminous flux lm	Length l ₁ max. mm	Length l ₂ max. mm	Length to IEC l ₁ max. mm	Base	Standard pack	EAN 4050300	Energy Label
OSRAM DULUX® T PLUS											
For operation with CCG.											
DULUX T 13 W/840 PLUS	13	LUMILUX Cool White	1B	900	90	113	90	GX24d-1	10	446905	A
DULUX T 13 W/830 PLUS	13	LUMILUX Warm White	1B	900	90	113	90	GX24d-1	10	446929	A
DULUX T 13 W/827 PLUS	13	LUMILUX INTERNA	1B	900	90	113	90	GX24d-1	10	446943	A
DULUX T 18 W/840 PLUS	18	LUMILUX Cool White	1B	1200	100	123	110	GX24d-2	10	333465	B
DULUX T 18 W/830 PLUS	18	LUMILUX Warm White	1B	1200	100	123	110	GX24d-2	10	333489	B
DULUX T 18 W/827 PLUS	18	LUMILUX INTERNA	1B	1200	100	123	110	GX24d-2	10	333502	B
DULUX T 26 W/840 PLUS	26	LUMILUX Cool White	1B	1800	115	138	130	GX24d-3	10	342047	B
DULUX T 26 W/830 PLUS	26	LUMILUX Warm White	1B	1800	115	138	130	GX24d-3	10	342061	B
DULUX T 26 W/827 PLUS	26	LUMILUX INTERNA	1B	1800	115	138	130	GX24d-3	10	342085	B

OSRAM DULUX® T PLUS 18 W suitable only for operation with 0.22 A control gear.

OSRAM DULUX® T/E PLUS											
For operation with ECG and dimmer mode.											
DULUX T/E 13 W/840 PLUS	13	LUMILUX Cool White	1B	900	90	106	90	GX24q-1	10	446967	A
DULUX T/E 13 W/830 PLUS	13	LUMILUX Warm White	1B	900	90	106	90	GX24q-1	10	446981	A
DULUX T/E 13 W/827 PLUS	13	LUMILUX INTERNA	1B	900	90	106	90	GX24q-1	10	447001	A
DULUX T/E 18 W/840 PLUS	18	LUMILUX Cool White	1B	1200	100	116	110	GX24q-2	10	342221	A
DULUX T/E 18 W/830 PLUS	18	LUMILUX Warm White	1B	1200	100	116	110	GX24q-2	10	342245	A
DULUX T/E 18 W/827 PLUS	18	LUMILUX INTERNA	1B	1200	100	116	110	GX24q-2	10	342269	A
DULUX T/E 26 W/840 PLUS	26	LUMILUX Cool White	1B	1800	115	131	130	GX24q-3	10	342283	B
DULUX T/E 26 W/830 PLUS	26	LUMILUX Warm White	1B	1800	115	131	130	GX24q-3	10	342306	B
DULUX T/E 26 W/827 PLUS	26	LUMILUX INTERNA	1B	1800	115	131	130	GX24q-3	10	342320	B
DULUX T/E 32 W/840 PLUS	32	LUMILUX Cool White	1B	2400	131	147	145	GX24q-3	10	348568	B
DULUX T/E 32 W/830 PLUS	32	LUMILUX Warm White	1B	2400	131	147	145	GX24q-3	10	348582	B
DULUX T/E 32 W/827 PLUS	32	LUMILUX INTERNA	1B	2400	131	147	145	GX24q-3	10	348605	B
DULUX T/E 42 W/840 PLUS	42	LUMILUX Cool White	1B	3200	152	168	155	GX24q-4	10	425627	B
DULUX T/E 42 W/830 PLUS	42	LUMILUX Warm White	1B	3200	152	168	155	GX24q-4	10	425641	B
DULUX T/E 42 W/827 PLUS	42	LUMILUX INTERNA	1B	3200	152	168	155	GX24q-4	10	425665	B

QUICKTRONIC® electronic control gear.

OSRAM DULUX® T/E IN PLUS											
For operation with ECG.											
DULUX T/E 32 W/840 IN PLUS	32	LUMILUX Cool White	1B	2400	126	142	145	GX24q-3	10	425504	B
DULUX T/E 32 W/830 IN PLUS	32	LUMILUX Warm White	1B	2400	126	142	145	GX24q-3	10	425528	B
DULUX T/E 32 W/827 IN PLUS	32	LUMILUX INTERNA	1B	2400	126	142	145	GX24q-3	10	425542	B
DULUX T/E 42 W/840 IN PLUS	42	LUMILUX Cool White	1B	3200	147	163	155	GX24q-4	10	425566	B
DULUX T/E 42 W/830 IN PLUS	42	LUMILUX Warm White	1B	3200	147	163	155	GX24q-4	10	425580	B
DULUX T/E 42 W/827 IN PLUS	42	LUMILUX INTERNA	1B	3200	147	163	155	GX24q-4	10	425603	B
DULUX T/E 57 W/840 IN PLUS	57	LUMILUX Cool White	1B	4300	179	195	179	GX24q-5	10	622675	B
DULUX T/E 57 W/830 IN PLUS	57	LUMILUX Warm White	1B	4300	179	195	179	GX24q-5	10	622699	B
DULUX T/E 70 W/840 IN PLUS	70	LUMILUX Cool White	1B	5200	219	235	219	GX24q-6	10	800417	B
DULUX T/E 70 W/830 IN PLUS	70	LUMILUX Warm White	1B	5200	219	235	219	GX24q-6	10	800394	B

QUICKTRONIC® electronic control gear.

OSRAM DULUX T/E 26 W IN PLUS in light colour 830 and 840 on request.