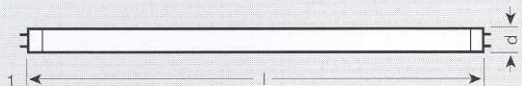


# Fluorescent lamps, tubular, 26 mm tube diameter

**LUMILUX®**



Product reference	Product number	W		R <sub>a</sub>	lm CCG	TUBE d [mm]	l [mm]	No.		* *
<b>LUMILUX®, G13 base</b>										
L 10 W/827	4050300 <b>446165</b>	10	LUMILUX INTERNA	1 B	650	26	470	1	25	3500
L 15 W/840	4050300 <b>446004</b>	15	LUMILUX Cool White	1 B	950	26	438	1	25	3500
L 15 W/830	4050300 <b>446028</b>	15	LUMILUX Warm White	1 B	950	26	438	1	25	3500
L 15 W/827	4050300 <b>446042</b>	15	LUMILUX INTERNA	1 B	950	26	438	1	25	3500
L 16 W/840	4050300 <b>446066</b>	16	LUMILUX Cool White	1 B	1250	26	720	1	25	2250
L 16 W/827	4050300 <b>446080</b>	16	LUMILUX INTERNA	1 B	1250	26	720	1	25	2250
L 18 W/860	4050300 <b>517773</b>	18	LUMILUX Daylight	1 B	1300	26	590	1	25	2500
L 18 W/840 <sup>1)</sup>	4050300 <b>517797</b>	18	LUMILUX Cool White	1 B	1350	26	590	1	25	2500
L 18 W/830	4050300 <b>517810</b>	18	LUMILUX Warm White	1 B	1350	26	590	1	25	2500
L 18 W/827 <sup>1)</sup>	4050300 <b>517834</b>	18	LUMILUX INTERNA	1 B	1350	26	590	1	25	2500
L 30 W/860	4050300 <b>518015</b>	30	LUMILUX Daylight	1 B	2350	26	895	1	25	1750
L 30 W/840	4050300 <b>518039</b>	30	LUMILUX Cool White	1 B	2400	26	895	1	25	1750
L 30 W/830	4050300 <b>518053</b>	30	LUMILUX Warm White	1 B	2400	26	895	1	25	1750
L 30 W/827	4050300 <b>518077</b>	30	LUMILUX INTERNA	1 B	2400	26	895	1	25	1750
L 36 W/860	4050300 <b>517858</b>	36	LUMILUX Daylight	1 B	3250	26	1200	1	25	1200
L 36 W/840 <sup>1)</sup>	4050300 <b>517872</b>	36	LUMILUX Cool White	1 B	3350	26	1200	1	25	1200
L 36 W/830	4050300 <b>517896</b>	36	LUMILUX Warm White	1 B	3350	26	1200	1	25	1200
L 36 W/827 <sup>1)</sup>	4050300 <b>517919</b>	36	LUMILUX INTERNA	1 B	3350	26	1200	1	25	1200
L 36 W/840-1	4050300 <b>518091</b>	36	LUMILUX Cool White	1 B	3100	26	970	1	25	1200
L 36 W/827-1	4050300 <b>518114</b>	36	LUMILUX INTERNA	1 B	3100	26	970	1	25	1200
L 38 W/840	4050300 <b>518138</b>	38	LUMILUX Cool White	1 B	3300 <sup>2)</sup>	26	1047	1	25	1200
L 38 W/830	4050300 <b>518152</b>	38	LUMILUX Warm White	1 B	3300 <sup>2)</sup>	26	1047	1	25	1200
L 58 W/860	4050300 <b>517933</b>	58	LUMILUX Daylight	1 B	5000	26	1500	1	25	1200
L 58 W/840 <sup>1)</sup>	4050300 <b>517957</b>	58	LUMILUX Cool White	1 B	5200	26	1500	1	25	1200
L 58 W/830	4050300 <b>517971</b>	58	LUMILUX Warm White	1 B	5200	26	1500	1	25	1200
L 58 W/827 <sup>1)</sup>	4050300 <b>603049</b>	58	LUMILUX INTERNA	1 B	5200	26	1500	1	25	1200

For QUICKTRONIC® electronic control gear see Section 9

Fluorescent lamps in LUMILUX® and BASIC colour appearances offer up to 10% energy savings compared with previous fluorescent lamps with a 38 mm tube diameter.

They are designed to operate with conventional control gear and starters or with QUICKTRONIC® electronic control gear. If used in starter circuits, these lamps can operate with standard control gear and recommended compensation capacitors.

The new LUMILUX® lamps offer excellent luminous flux and economy, and improved environmental compatibility. Their loss of luminous flux over their entire service life has been reduced to around 8% compared with previous levels of 18% after 10,000 hours. With warm start ECGs, an average life of 20,000 hours and a service life of 18,000 hours (80% system luminous flux) can be achieved.

LUMILUX® lamps are the environmentally friendly fluorescent lamps with a low mercury content that is perfectly adequate for all operating modes.



1) Also available in industrial packs (IVP) for bulk orders. Contains 30 lamps  
2) 3400 lm when operated with 42 W control gear

For further technical data see pages 4.25 to 4.33.  
\* To ensure that your order reaches you quickly, please order standard pack quantities



## Colour appearance

### LUMILUX®

Colour 860 LUMILUX® Daylight  
Colour 840 LUMILUX® Cool White  
Colour 830 LUMILUX® Warm White  
Colour 827 LUMILUX® INTERNA®  
are used in the most economical OSRAM LUMILUX® fluorescent lamps.

LUMILUX® colours combine very good colour rendering and high luminous efficacy in a single lamp.

Major benefits:

- reduced power consumption
- luminous efficacy of up to 104 lm/W
- very good colour rendering to DIN 5035 Group 1 B ( $R_a$  80 to 89).

For LUMILUX® light colours it is best to use electronic control gear as this is the best way to achieve the maximum efficacy.

### LUMILUX® DE LUXE

Colour 950 LUMILUX® DE LUXE Daylight meets the highest demands with regard to colour rendering (5400 K,  $R_a$  98) and is therefore ideal for areas that require the refreshing effect of natural daylight, such as print shops, dental surgeries, dental laboratories, slide presentations and clothing stores.

Colour 940 LUMILUX® DE LUXE Cool White and colour 930 LUMILUX® DE LUXE Warm White meet the highest colour rendering demands ( $R_a > 90$ ). Group 1 A to DIN 5035.

965 BIOLUX® has a light distribution curve which is similar to that of sunlight. It provides refreshing light in offices, banks and department stores that suffer from a lack of natural daylight. Because of its excellent colour rendering and high colour temperature (6500 K), it is ideal for colour matching. It is also used in phototherapy (e.g. SAD).

### Universal White TYPE 25

This colour can be used for all indoor and outdoor lighting.

### Special colour appearances

The red component of 76 NATURA DE LUXE is closely matched to other colour components. This results in natural colour rendering and makes items such as meat, sausages, delicatessen products, vegetables and flowers appear fresh and natural.

77 FLUORA® has been specially designed for plants and aquariums. Its light has an emphasis at the blue and red ends of the spectrum. It is therefore particularly good at promoting photo-biological processes.

60, 66 and 67 coloured fluorescents in red, green and blue respectively are ideal for creating decorative effects and special moods.

62 Yellow does not emit any UV radiation. This light colour is therefore suitable for clean-room production facilities, chip fabrication and general UV-free lighting.

For spectral power distributions see pages 4.32 and 4.33.

Lamps with the codes SPS or UVS as part of the lamp description still emit a small proportion of UV-A radiation (but no UV-B or UV-C).

See pages 4.32 and 4.33 for spectral power distributions