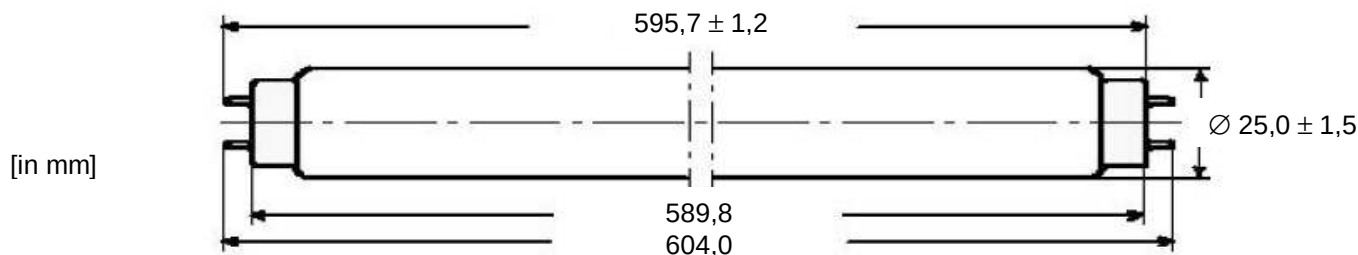


PHYSICAL DIMENSIONS



PRODUCT FEATURES

- fluorescent lamp with 26 mm diameter
- available light colours: *Skywhite* (880), *Cool Daylight* (865), *Daylight* (850); *Cool White* (840), *White* (835), *Warm White* (830), *INTERNA* (827)
- reduced power consumption
- very good colour rendering (R_a 80 ... 89)

Technical Data

Frequency	(Hz)	:	50 Hz-Operation
Lamp wattage	(W)	:	18
Nominal current (CCG-operation) uncompensated	(A)	:	0,37
Lamp arc voltage UL after switch-on ($\pm 10\%$)	(V)	:	57
Resistance / Impedance Z (for CCG)	(Ω)	:	155
System power – CCG-operation	(W)	:	depends on EEI-class of CCG
Pre-heat current IEC 81	(mA)	:	550
Luminance	(cd/cm ²)	:	1,0
Compensation capacitor (power factor ≈ 1 for CCG)	(μ F)	:	4,5
Row capacitor for CCG duo wiring	(μ F/Vc)	:	2,7/480

Life Time*

Average life time (50% failure rate)	(h)	:	15000 (CCG inductive) / 20000 (ECG pre-heat start)
Service life time (80% lum. flux from initial 100h value)	(h)	:	12000 (CCG inductive) / 18000 (ECG pre-heat start)

PHOTOMETRIC DATA

Labelling in brand OSRAM	Rated luminous flux** (lm)	Colour rendering index (R_a)	Colour temperature (K)
L 18W/880	1300	80...89	8000
L 18W/865	1300	80...89	6500
L 18W/850	1325	80...89	5000
L 18W/840	1350	80...89	4000
L 18W/835	1350	80...89	3500
L 18W/830	1350	80...89	3000
L 18W/827	1350	80...89	2700

** at 50 Hz operation and aged 100h; 25°C ambient temperature

Note: *Measurement in accordance with EN 60081, annex C.
The lamps meet EN 60081 and EN 61195 requirements.
Starter and ballasts have to meet EN 60155 and EN 60921 requirements.

