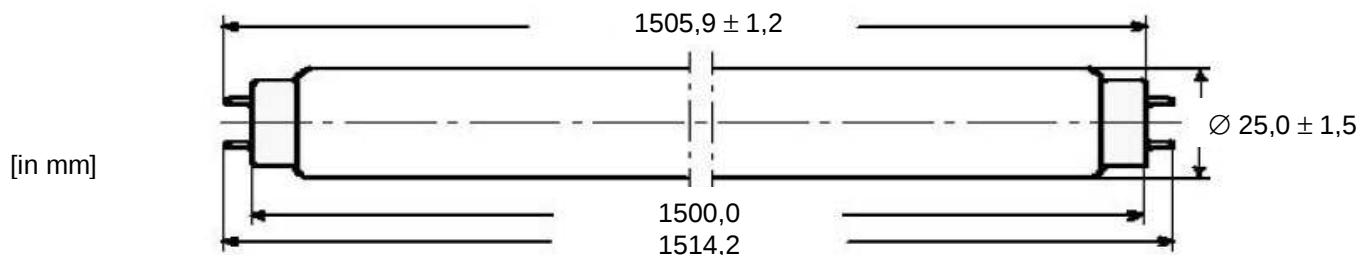


## PHYSICAL DIMENSIONS



Cap: G13

## 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)                   | : | 58                          |
| Nominal current (CCG-operation) uncompensated             | (A)                   | : | 0,67                        |
| Lamp arc voltage UL after switch-on ( $\pm 10\%$ )        | (V)                   | : | 110                         |
| Resistance / Impedance Z (for CCG)                        | ( $\Omega$ )          | : | 165                         |
| System power – CCG-operation                              | (W)                   | : | depends on EEI-class of CCG |
| Pre-heat current IEC 81                                   | (mA)                  | : | 1000                        |
| Luminance                                                 | (cd/cm <sup>2</sup> ) | : | 1,5                         |
| Compensation capacitor (power factor $\approx 1$ for CCG) | ( $\mu$ F)            | : | 7,0                         |
| Row capacitor for CCG duo wiring                          | ( $\mu$ F/Vc)         | : | 5,3/450                     |

## 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) |

## PHOTOMETRICAL DATA

| Labelling in brand OSRAM | Rated luminous flux** (lm) | Colour rendering index ( $R_a$ ) | Colour temperature (K) |
|--------------------------|----------------------------|----------------------------------|------------------------|
| L 58W/880                | 4900                       | 80...89                          | 8000                   |
| L 58W/865                | 5000                       | 80...89                          | 6500                   |
| L 58W/850                | 5100                       | 80...89                          | 5000                   |
| L 58W/840                | 5200                       | 80...89                          | 4000                   |
| L 58W/835                | 5200                       | 80...89                          | 3500                   |
| L 58W/830                | 5200                       | 80...89                          | 3000                   |
| L 58W/827                | 5200                       | 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.

