

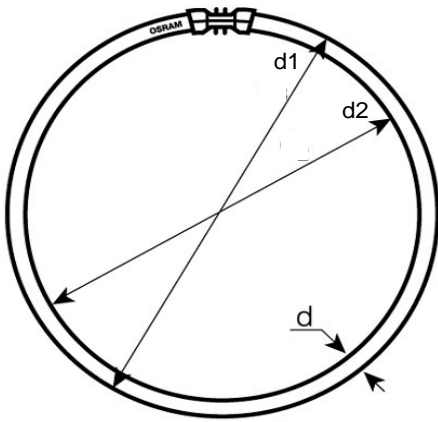
Benefits

- Very good uniform/area lighting without shadow
- Extremely economical
- High level of efficiency
- Very good luminous flux maintenance throughout the life of the lamp
- Good average life time (with OSRAM QUICKTRONIC®)
- Good color rendering R_a : 80...89
- Long service life time

Product Features

- Circular and single-capped fluorescent lamp with 16 mm diameter
- Ideal for flat, circular or square Recessed-/ Wall-/ Pendant-luminaires
- Available light colors: INTERNA (827), 830 Warm White, Cool White (840), Cool Daylight (865),
- Appropriate for compact and space saving lighting systems
- ECG operation
- Dimming (from 100...1% with QTI DALI/DIM)

Dimensions



Description	Base	Diameter (d1) [mm]	Diameter (d2) [mm]	Tube Diameter (d) [mm]
LUMILUX® T5 FC® 22 W	2 GX 13	225 +/-5	192 +/-5	16
LUMILUX® T5 FC® 40 W	2 GX 13	299 +/-6	266 +/-6	16
LUMILUX® T5 FC® 55 W	2 GX 13	299 +/-6	266 +/-6	16

Electrical Data¹

Lamps operated with HF² reference control gear at 25 °C (100 h aged) ambient temperature

LUMILUX® T5 FC®	Lamp Voltage rated [V]	Lamp Current rated [mA]	Lamp Power rated [W]	Pre-heat current [mA]
22 W	75	300	22.3	440
40 W	126	320	39.9	440
55 W	101	550	55.0	765

Photometrical Data at 25 °C (100 h aged) ambient temperature³

LUMILUX® T5 FC®	Light Color LUMILUX®	Color Rendering Index (CRI), Ra	Luminance (LC ⁴ 840) [cd/cm ²]	Target Color Coordinate X	Target Color Coordinate Y	Nominal Luminous Flux [lm]	Efficacy 25 °C [lm/W]	Energy Efficiency Class
22 W	827 INTERNA	80 ... 89	1.7	0.463	0.420	1800	77	A
	830 Warm White	80 ... 89	1.7	0.440	0.403	1800	77	A
	840 Cool White	80 ... 89	1.7	0.380	0.380	1800	77	A
	865 Cool Daylight	80 ... 89	1.7	0.313	0.337	1710	69	A
40 W	827 INTERNA	80 ... 89	2.1	0.463	0.420	3400	78	A
	830 Warm White	80 ... 89	2.1	0.440	0.403	3400	78	A
	840 Cool White	80 ... 89	2.1	0.380	0.380	3400	78	A
	865 Cool Daylight	80 ... 89	2.1	0.313	0.337	3300	70	A
55 W	827 INTERNA	80 ... 89	2.6	0.463	0.420	4200	75	B
	830 Warm White	80 ... 89	2.6	0.440	0.403	4200	75	B
	840 Cool White	80 ... 89	2.6	0.380	0.380	4200	75	B
	865 Cool Daylight	80 ... 89	2.6	0.313	0.337	3800	68	B

Relative Luminous Flux / Ambient Temperature

