

Linear tube

- 20 W (54 W)
- G13
- Cool daylight
- Non-dimmable

8718696711019

Light that's easy on your eyes

Comfortable light from the world leader in lighting

Poor quality light could cause eye strain. It's more important than ever to properly light your home. Philips LED lamps fulfil stringent test criteria to ensure that they meet our Eyecomfort requirements†

Benefits

Choose for the high-quality light
- Cool, daylight
- Learn about light

Choose a simple replacement for your old bulbs
- Can replace T8 or T12 linear fluorescent applications
- Instant light when switched on
- No UV or InfraRed

Choose for a sustainable solution
- Long-life tubes – Lasts up to 15 years
- Better for your wallet and your planet

Comfortable LED light that is easy on your eyes
- Designed for the comfort of your eyes
- No visible flicker

PHILIPS

Features

6,500 K [LED Lamps]



This bulb has a colour temperature of 6,500 K, which is the highest colour temperature available in this bulb category. It therefore gives you a lighting effect that is the closest to that of natural daylight. This will help you to focus and experience every detail.

Similar to linear fluorescents

Can replace T8 or T12 linear fluorescent applications, and simple rewiring allows this lamp to run directly off mains voltage** and allows the fixture to maintain original UL Compliance.

Instant On



No need to wait: Philips LED light bulbs provide their full level of brightness immediately, as soon as they are switched on. Just by turning the switch, your room is at full brightness. There is no slow starting or waiting.

15,000-hour rated average life



With a lifetime of up to 15,000 hours, you can reduce the hassle of frequently replacing your light tubes and enjoy a perfect lighting solution for over 15 years.

Saves up to 80% energy



LED technology saves up to 80% energy compared to your standard bulb. It therefore pays for itself and saves you money year after year. It also helps to protect the environment.

No UV or IR



The light has no infra-red component, so no heat is radiated. Also, there is no ultra-violet component in this light. These two characteristics mean that this light will not cause fabric and other items to fade.

Learn about light



Colour temperature: light can have different colour temperatures, indicated in units called Kelvin (K). Bulbs with a low Kelvin value produce a warm, more tranquil light, while those with a higher Kelvin value produce a cool, more energising light. CRI: the colour rendering index (CRI) is used to describe the effect of a light source on colour appearance. Natural sunlight has a CRI of 100. The CRI of Philips LED light bulbs is always higher than 80, which ensures that colours are shown as true and natural.

Gentle LEDs, easy on the eyes



It's easy to see how harsh lighting can strain the eyes. Too bright, and you get glare. Too soft and you experience flicker. Now you can gently light up your world with LEDs designed to go easy on the eyes, and create the perfect ambience for your home.

No visible flicker

When your light flickers in quick succession it could be hard on the eyes, cause headaches and even set off an attack for those with photosensitive epilepsy. It's both unpleasant and unnecessary. LEDs can flicker because of their rapid response to the driver current. However, because Philips LEDs are designed so that variations in your driver current's output are minimised, they eliminate the factors that cause flicker. So, you won't see it, not even a hint.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Bulb characteristics

Shape	Tube
Cap/fitting	G13
Dimmable	No
Voltage	220–240 V
Wattage	20
Wattage equivalent	54

Power consumption

Energy efficiency label	A+

LED

Power consumption per 1000h	20 kW·h

Light characteristics

Light output	2000 lumen
Beam angle	240 degree
Colour	Cool Daylight
Colour temperature	6500 K
Light effect/finish	Cool Daylight
Colour rendering index (CRI)	80
Starting time	<0.5 s
Warm-up time to 60% light	Instant full light
Application	Industrial
EyeComfort	Eye Comfort

Durability

Lifetime of lamp	15000 hour(s)
Number of switch cycles	50000
Lumen maintenance factor	0.7
Average life (at 2.7 hrs/day)	15 year(s)

Bulb dimensions

Height	1,514.2 mm
Width	27.8 mm

Other characteristics

Mercury content	0 mg
Power factor	>0.5
Lamp current	155 mA

Rated values

Rated power	20 W
Rated luminous flux	2000 lumen
Rated lifetime	15000 hour(s)
Rated beam angle	240 degree

* Designed for the comfort of your eyes. Visit www.philips.com/eyecomfort for flicker, strobe and other criteria and product details.
* PstLM is smaller or equal to 1.0, measured according to IEC 61547-1 and IEC 61000-4-15.

data subject to change
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