

PHILIPS

6 inch Recessed Light Recessed Light

Recessed Lights

2700 / 3000 / 3500 / 4000 / 5000K

White

Dimmable

046677580391A



High quality LED light designed to last for years

With its slim yet robust canless design, this is the perfect downlight for shallow ceilings. Select from a choice of five color temperatures ranging from 2700K to 5000K to set the mood for any activity. Sold as a pack of 12. Metal junction box included.

High quality light

- Easy-to-install canless design

Match your interior

- Smooth dimming experience

Light effect

- Five color temperature options

Premium quality

- Superior Philips quality

Application IC rated

- IC rated and suitable for damp locations

Highlights

Easy-to-install canless design

Thanks to its slim canless design, the Philips recessed LED downlight is extremely easy to install in any ceiling, even shallow ones. No housing or junction box is required.

Smooth dimming experience

Adjust the brightness of your luminaires gradually from 5% to 100%. Always find the right light to suit your mood and activities. Compatible with most dimmers on the market.

Five color temperature options

Set the mood with the ability to switch easily between five different color temperature settings, ranging from soft white (2700K) to daylight (5000K).

Superior Philips quality

Our LED downlights are designed to provide uniform, high-quality, energy-efficient lighting that meets strict standards regarding flicker, strobe, glare, color rendition, and dimming effects. Engineered for safety, the Philips LED performance downlight is the perfect choice for your home.

IC rated and suitable for damp locations

This fixture is IC rated, as well as ETL and FCC certified. Its canless design and thin profile make this slim luminaire extremely easy to install in any ceiling. Suitable for use in damp locations like bathrooms, with a robust design to ensure a long lifetime.

Specifications

Bulb characteristics

- Intended use: Indoor

Design and finishing

- Color: White
- Material: Metal

Durability

- Number of switch cycles: 12,500
- Nominal lifetime: 20,000

Environmental

- Disposal of the product: At the end of (economic) life, dispose the product according to local rules and do not dispose the product with regular household waste. The correct disposal of your product will help prevent potential negative consequences for the environment and human health.

Extra feature/accessory incl.

- Adjustable spot head: Not adjustable
- Dimmable with remote control: No
- LED integrated: Yes
- Remote control included: No

Light characteristics

- Beam angle: 110 degree(s)
- Color rendering index (CRI): 80
- Color temperature: 2700-4000-6500 K
- Warm-up time to 60% light: 2
- Luminous Efficacy (rated) (Nom): 80

Miscellaneous

- Especially designed for: Bedroom, Living Room, Dining Room, Kitchen, Office
- Style: Contemporary
- Type: Recessed Lights
- EyeComfort: No
- Extra Features: Dimmable

Other characteristics

- Lamp current: 120 mA

Power consumption

- Power factor: 0.9
- Power: 12.5

Product dimensions and weight

- Net weight: 0.32 kg
- Recessed distance: 0 mm
- Overall height: 20 mm
- Recessed Ceiling cutout: 15.3 cm x 15.3 cm

Service

- Warranty: 2 year(s)

Technical specifications

- Diameter: 170 mm
- Total lumen output fixture: 1000lm@5000k
- Light color: Tunable white light
- Mains power: AC 120
- Fixture dimmable: Yes
- Class of protection: UL earthed
- Number of light sources: 1
- UL Wet/ damp/ dry location: Damp location

Packaging dimensions and weight

- EAN/UPC - product: 046677580391
- Net weight: 0.32 kg
- Gross weight: 0.41 kg
- Height: 17.8 cm
- Length: 6.3 cm
- Width: 17.5 cm



Issue date: 2026-02-04
Version: 0.193

© 2026 Signify Holding. All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com