



# The smart choice for compact downlighting

Fortimo LED Disk 800 Im  
Gen 3 dimmable

**PHILIPS**  
sense and simplicity

# Easy to design in, compact and cost effective integrated LED downlight module with high quality of light

Customers in the hospitality, office and retail segment want to reduce their energy consumption and maintenance cost, without compromising on light quality. Luminaire manufactures can help them do that with a standardized LED solution. The LED Disk 800 lm Gen 3 dimmable, is ideal for compact downlights requiring high quality light, thanks to the latest energy efficient LED technology, integrated driver and optics.

The small form factor offers luminaire makers maximum freedom of design. Designing small compact downlights with long lifetime and high quality of light, creates new possibilities for the market.

## Product features

- Integrated driver (direct connection to the mains) and optics (85° beam angle)
- Available in 2700 K, 3000 K and 4000 K color temperatures
- High quality of light with color rendering index larger than 80
- Cost efficient dimming platform (Leading Edge)

## Product benefits

- Easy to design in, direct connection to the mains
- Compact design (all in module)
- High light quality and performance
- High energy efficiency combined with long lifetime (50 K hrs @ Tc 60° C)
- Cost effective solution

## What's new in the Fortimo LED Disk Gen 3 dimmable?

- Module can be dimmed (Leading Edge)
- More than 25% efficiency upgrade
- Available now 3000 K (new !)
- More transparent efficient lens
- Lifetime 50 K hours @ Tcase 60° C
- CLASS I and CLASS II



## Application

- Ideal for small compact downlights in home, hospitality, retail and cruise ship type of applications



### Home

Living, bathroom, home office



### Hospitality

Lobbies, reception areas, restaurants, bars, corridors, service areas, lounges, waiting rooms



### Retail

Accent and display lighting, compact spot- and downlight

## Recessed downlight

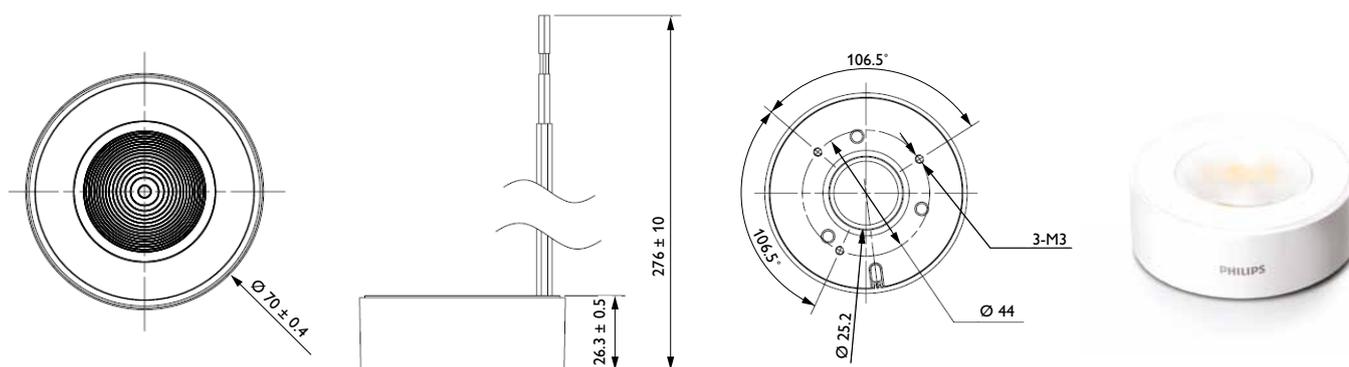


## Compact downlight



## Dimensions (mm)

### Fortimo LED Disk 800 lm



## Specification

Product Name	Lumen output (lm)	Power consumption (W)	System efficacy (lm/W)	Colour Temp (K)	Beam angle (°)	Colour Rendering Index (Ra)	Colour consistency (SDCM)	Input voltage (V)	B50L70 @ Tambient 35° C (hrs)
Fortimo LED Disk 800lm/827 dim G3	800	12	68	2700	85	80	5	230	50000 @ Tc 60° C
Fortimo LED Disk 800lm/830 dim G3	800	12	68	3000	85	80	5	230	50000 @ Tc 60° C
Fortimo LED Disk 800lm/840 dim G3	850	11	76	4000	85	80	5	230	50000 @ Tc 60° C

## Ordering data

Product Name	Units per package (pcs)	EOC	12NC code
Fortimo LED Disk 800lm/827 dim G3	24	871829168640800	929000844108
Fortimo LED Disk 800lm/830 dim G3	24	871829168642200	929000844208
Fortimo LED Disk 800lm/840 dim G3	24	871829168644600	929000844308

For more information, please visit: [www.philips.com/technology](http://www.philips.com/technology)

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