

# Philips Fortimo LED Twistable Downlight Module System

Easy to install, flexible and future-proof



## Features

- Patented remote phosphor technology
- Min 80 CRI
- 3 year limited warranty on system
- CE recognized Class II system
- Compatible with triac trailing-edge dimmers

## Benefits

- High efficiency and consistent lighting
- Future-proof, convenient modules
- 70% lumen maintenance at 50k hrs
- Specified to meet the needs of the lighting industry
- Added system control, additional energy savings

**Applications:** Downlighting applications in offices, hospitality, retail and general ambient illumination

# PHILIPS

**FUTURE**  
**Lighting Solutions**  
*Making LED Lighting Solutions Simple™*

[www.FutureLightingSolutions.com](http://www.FutureLightingSolutions.com)

# Philips Fortimo LED Twistable Downlight Module System

Easy to install, flexible and future-proof



## 1. LED Light Modules

These future-proof and upgradeable LED modules were designed for ease of integration into existing or new fixtures. They deliver high quality illumination, consistent and uniform colors with enough lumens to compete with conventional light sources in a compact form factor.

Description	Initial Lumens	CRI	CCT (K)	Module Efficacy (Lm/W)	Input Voltage (V)	Module B50 L70 (Hours)		Fortimo Twistable DLM Part Number
						T case max 55°C	T case max 65°C	
Fortimo TDLM 1100 20W/827 230V	1040	80	2700	52	230	50k	25k	929000498903
Fortimo TDLM 1100 20W/830 230V	1100	80	3000	55	230	50k	25k	929000499003
Fortimo TDLM 1100 18W/840 230V	1100	80	4000	62	230	50k	25k	929000499103

## 2. Driver Solutions

The Twistable DLM LED module has an integrated driver to facilitate installation into light fixtures. With a replaceable package, it allows for a more sustainable design that eliminates the need to completely change an LED luminaire at the end of its lifetime.

## 3. Lamp Holders

To ensure proper installation all applications require a specific lamp holder. The Fortimo Twistable lamp holders allows for ease of integration in a reliable twist-in and twist out design.

Description	Input Voltage (Vac)	Part Number
BJB Fortimo LED Twistable DLM Lamp Holder	230	28.107.1001.54
Stucchi Fortimo LED Twistable DLM Lamp Holder	230	7100/d2

## 4. Thermal Management Solutions

To optimize the lifetime and amount of light from the Fortimo LED Twistable DLM system it must operate within specified temperature limits. In conjunction with Nuventix heat sinks (passive cooling) and Nuventix SynJet coolers (active cooling); proper thermal management will give you the ability to control the overall system performance.

Description	Nuventix Heat Sink Part Number	Nuventix SynJet Cooler Part Number	Nuventix Wire Harness
Fortimo LED TDLM 1100	HP30S-CALBL-001	SPARS-CM012-002*	WALLS-C4600-001

\*Requires an external 12VDC power supply. Possible solution would be Philips Xitanium 913710815902



## 5. Optical Solutions – Reflectors

All applications require a specific optical distribution pattern. Alux Luxar, the leading aluminum reflector manufacturer, offers product in multiple beam angles and shapes to fit most applications as well as in pre-and post-anodized materials.

Description	Alux-Luxar Square Part Number (Pre-anodized)		Alux-Luxar Round Part Number (Post-anodized)	
	Specular 2x35°		Specular 2x35°	Diffuse 2x20°
Fortimo LED Twistable DLM 1100	FLC 101		FLC 601	FLC 701



Note: Current specifications, subject to change. Please check our website for the latest specifications.