



The Professional Thermal Solution Provider of

# Philips Fortimo LED DLM (Downlight) Module



**SUNON**<sup>®</sup>  
www.sunon.com

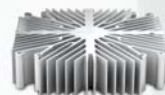
2013/03/30 (Philips\_DLM-e03)

# Active cooled luminaire designs

## 6 Advantages

- Small form factor with lower-noise fan
- High efficiency, low power consumption
- Optimized thermal performance, light weight
- Super Silence Fan design, long life
- Dust-resistance System
- High reliability, up to 5-year warranty





Model No.	RA000-002999DN	RA001-003999DN	RA002-002999DN	LA002-003A99DN
Module Dimension (mm)	85x85x20	φ 170 x 10	φ 170 x 30	85 x 85 x 35.5
Rated Voltage (V)	--	--	--	12
Weight (g)	122	190	570	153
Heat Sink Material	AL6063	AL6063	AL6063	AL6063
Fan Model No.	--	--	--	HA60151V3-E00U-A99
Fan Power Consumption (W)	--	--	--	0.28
Fan Speed (RPM)	--	--	--	2200
Cooling Module Noise @ 1M , (dB(A))	--	--	--	13.9
Safety	--	--	--	UL/CUR/TUV/CE
Zhaga Holes	Book 2	Book 2	Book 2	Book 2

Reference Tcase at ambient temperature

● ↓ 55°C  
 ● 56~65°C  
 ● 66~75°C  
 ● 76°C ↑

Ambient Temperature	25°C	35°C	45°C	25°C	35°C	45°C	25°C	35°C	45°C	25°C	35°C	45°C
Fortimo LED DLM 1100lm Gen4 (12W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 2000lm Gen4 (22W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 3000lm Gen4 (34W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 1100lm Gen3+ (12W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 2000lm Gen3+ (23W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 3000lm Gen3+ (39W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 1100lm Gen3 (12W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 2000lm Gen3 (24W)	●	●	●	●	●	●	●	●	●	●	●	●
Fortimo LED DLM 3000lm Gen3 (44W)	●	●	●	●	●	●	●	●	●	●	●	●

※1 : Multiple Holes for Philips Fortimo SLM, Philips Lixel LED SLM, Osram PrevaLED, Tridonic Stark & Talex, Bridgelux RS Array / LS Array, Citizen CL-L330 / 340, Vossloh-Schwabe WU-M-Series, Zhaga.

※2 : Tcase at ambient temperature is for reference only. Please test thermal resistance again by using on different applications.

1. All specifications were tested in free air.
2. Specs are subject to change without notice. Please contact with Sunon Sales.

