



The Professional Thermal Solution Provider of

Philips Fortimo LED DLM (Downlight) Module



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.