

The Professional Thermal Solution Provider of

Osram

PrevaLED (Spot lighting/Downlight) Module



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



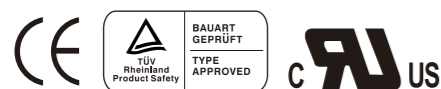


Model No.	LA001-015A99DN	LA004-001A99DN
Module Dimension (mm)	φ 86 x 30.5	φ 86 x 52.5
Weight (g)	112	231
Cooling Module Noise @ 1M , dB(A)	13.8	15.8
Rated Voltage (V)	5	5
Power Consumption (W)	0.28	0.40
Fan Speed (RPM)	2200	2200
Heat Sink Material	AL6063	AL6063
Fan Model No.	HA60150V3-E03U-A99	HA60150V3-E02U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	O	--
Thermal Resistance (°C/W) ^{※2}	0.86	0.49
Experiment LED Module	Osram PrevaLEP-2100-840-C	Osram PrevaLEP-2100-840-C

※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 : Thermal Resistance is for reference only. (For more information please see the product specification of LED brand.) Please test thermal resistance again by using on different applications.

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

Standard function	Optional function
1 Fan Rated Voltage_5V	1 PWM speed control
2 Auto Restart	2 Protection IP 51
3 Reverse Polarity Protection	3 Fan 3rd wire signal (F/R type)
	4 Temperature controller



Assembly in 3 Steps



1

To attach tight the Thermal Interface Materials※(TIM) bought by yourself to LED cooling substrate. To make sure there is no air bubbles between TIM and cooling substrate to avoid reducing the cooling efficiency.



2

To make sure the two screw holes on LED chip are aligned to the three highlighted holes on the heat sink.



3

Then firmly tighten the two screws (Tapping Screw M3*10mm) in to the heat sink and make sure the LED chip and cooling module are firmly assembled.