

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.LA001-015A99DNLA004-001A99DNModule Dimension (mm)§ 86 x 30.5§ 86 x 52.5Weight (g)112231Cooling Module Noise @ 1M, dB(A)13.815.8Rated Voltage (N)0.280.40Power Consumption (W)0.2800.40Fan Speed (RPM)C2.200Heat Sink MaterialAL6063AL6063Fan Model No.014.60150V3-E03U-A99SafetyUL/CUR/TUV/CEUL/CUR/TUV/CEMultiple Holes"0Thermal Resistance (°C/W)"0.860.49Experiment LED ModuleOsram PrevaLEP-2100-840-COsram PrevaLEP-2100-840-C		and the second se	and the latest	
Weight (g)112231Cooling Module Noise @ 1M, dB(A)13.815.8Rated Voltage (V)55Power Consumption (W)0.280.40Fan Speed (RPM)20002200Heat Sink MaterialAL6063AL6063Fan Model No.HA60150V3-E03U-A99HA60150V3-E02U-A99SafetyUL/CUR/TUV/CEUL/CUR/TUV/CEMultiple Holes"0Thermal Resistance ("C/W)"0.860.49	Model No.	LA001-015A99DN	LA004-001A99DN	
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 ⁴⁺ 0 Thermal Resistance (*C/W) ⁴⁺ 0.86 0.49	Module Dimension (mm)	∮ 86 x 30.5	∮ 86 x 52.5	
Rated Voltage (V) 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 ^{**} 0 Thermal Resistance (°C/W) ^{**} 0.86 0.49	Weight (g)	112	231	
Power Consumption (W)0.280.40Fan Speed (RPM)22002200Heat Sink MaterialAL6063AL6063Fan Model No.HA60150V3-E03U-A99HA60150V3-E02U-A99SafetyUL/CUR/TUV/CEUL/CUR/TUV/CEMultiple Holes"OThermal Resistance (°C/W)"0.860.49	Cooling Module Noise @ 1M , dB(A)	13.8	15.8	
Fan Speed (RPM)22002200Heat Sink MaterialAL6063AL6063Fan Model No.HA60150V3-E03U-A99HA60150V3-E02U-A99SafetyUL/CUR/TUV/CEUL/CUR/TUV/CEMultiple HolesOThermal Resistance (°C/W)0.860.49	Rated Voltage (V)	5	5	
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	Power Consumption (W)	0.28	0.40	
Fan Model No.HA60150V3-E03U-A99HA60150V3-E02U-A99SafetyUL/CUR/TUV/CEUL/CUR/TUV/CEMultiple Holes**OThermal Resistance (°C/W)**0.860.49	Fan Speed (RPM)	2200	2200	
Safety UL/CUR/TUV/CE UL/CUR/TUV/CE Multiple Holes ^{*1} 0 Thermal Resistance (°C/W) ^{*2} 0.86 0.49	Heat Sink Material	AL6063	AL6063	
Multiple Holes Thermal Resistance (°C/W) Nultiple Holes 0 0.86 0.49	Fan Model No.	HA60150V3-E03U-A99	HA60150V3-E02U-A99	
Thermal Resistance (°C/W) ^{**2} 0.86 0.49	Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	
	Multiple Holes ^{*1}	0		
Experiment LED Module Osram PrevaLEP-2100-840-C Osram PrevaLEP-2100-840-C	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 Lexel 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 we	e 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.

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

2

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.