



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# Active cooling module

DC axial fan + heat sink



## Highlights:

- Active cooling solution for Bridgelux Vero CoBs
- Vero 10/13/18 series
- Industry leading lifetime
- Silent fan operation 7dBA
- Increased lumen output capability
- Commonly used in pendant, architectural, down, track and spotlights
- Highly efficient .18 Watt
- Thermal power dissipation up to 60 Watts

## Nominal Data

Type	Nominal voltage VDC	Acoustic noise dB(A)	Thermal power dissipation capability* Watts	Fan speed RPM	Total mass G	Power input Watts	Lifetime (at 20°C) hours	Lifetime (at 20°C) years	Lifetime (at 40°C) hours	Lifetime (at 40°C) years
PG1W-012-060-13	12	7	60	1800	197	0.18	197,500	22.5	87,500	10

Note: Voltages are based on the 612F base fan model. Other voltages available upon request. Life expectancy  $L_{10}$  per IPC 9591.

\*Application dependant.

## Technical Drawing

Dimensions shown in inches

