



Dongguan Zhiding Electronics Technology Co., LTD

No. 8, Yinling Industry Zone, Xiaqiao, Dongcheng District,

Dongguan, Guangdong, China

Tel:86-0769-22665151 Fax:86-0769-22665155 Contact: Elsa Xiao Email: sales@zhidingled.com

280nm UVC led modules

This 280nm UVC led modules currently used for water purification and air sterilization. Additionally, the LED uses a newly developed hermetically-sealed package, making it reliable when used in various harsh environments

PART NO. : AL-P2001UVC04-D5A

Features :

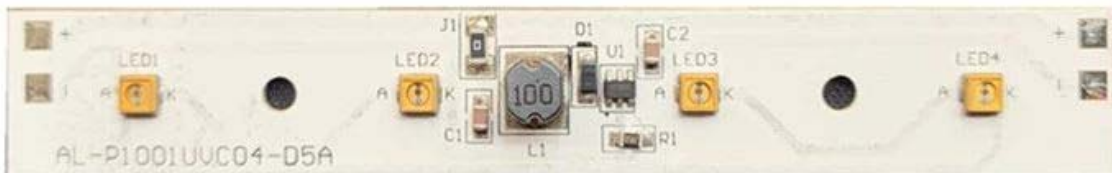
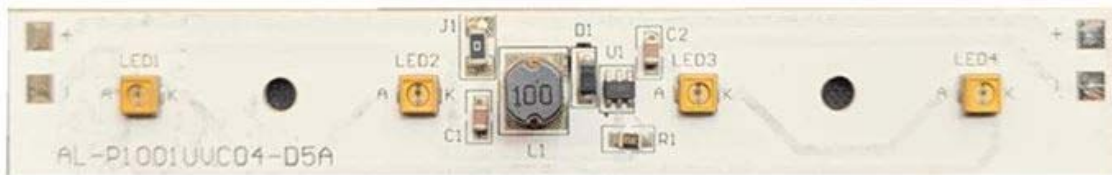
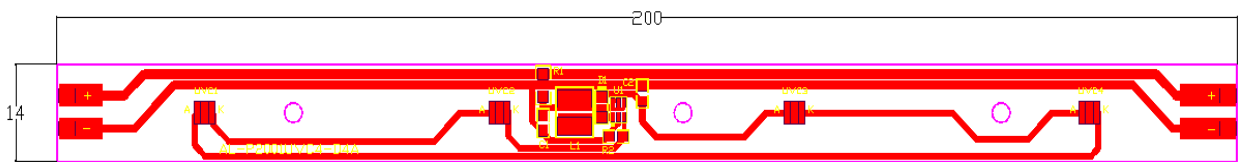
Thermal radiation material of aluminum substrate

Input voltage: DC3.5-5.5V

Power: 2.5W

PCB dimension: 200x14mm

About 35mW radiant flux



Please note: This is our standard UVC led module products. We could provide customized LED PCB module (power, led quantity and voltage is customized). We have many standard UVC led modules, welcome to your inquiry!

Technical data sheet:

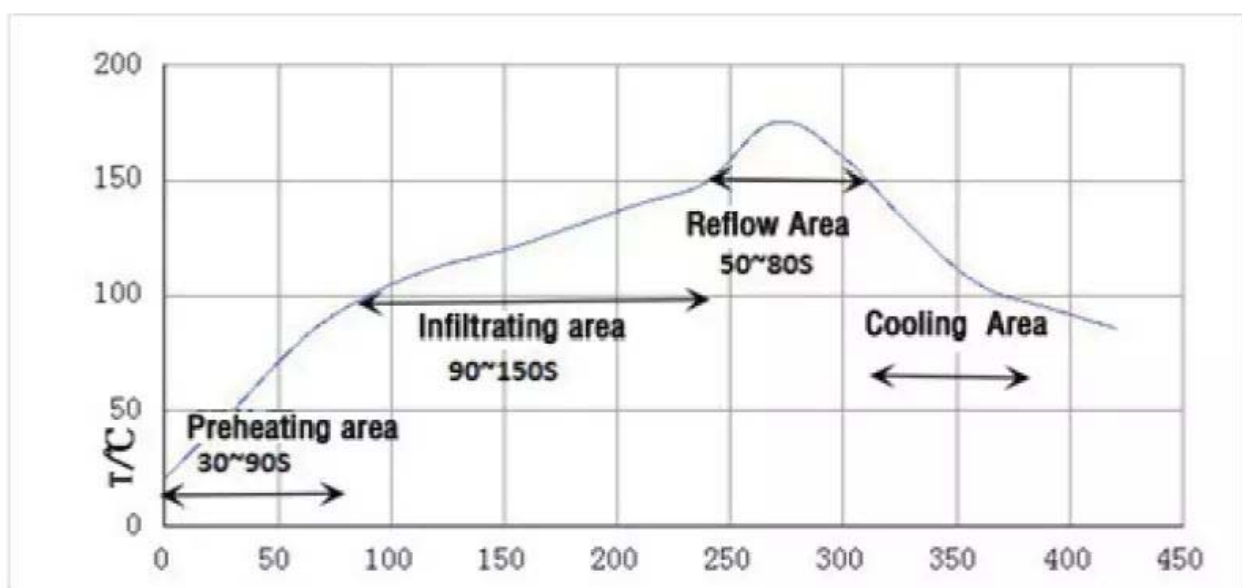
Electrical and Optical Characteristics:

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Power Dissipation	Pd	VF: 5V	-	2.5	-	W
Radiated Flux	Φ_e	VF: 5V	24	35	-	mW
Radiant Irradiance	Ee	VF: 5V	-	0.7	-	W/m ²
Peak Wavelength	λ_p	VF: 5V	275	280	285	nm
Spectrum Line Halfwidth	$\Delta \lambda$	IF=60mA	-	11	-	nm
Viewing Angle	$2\theta_{1/2}$	IF=60mA	-	120	-	Deg

The use of UVC LEDs in disinfection and sterilization has become more and more popular. Our company is also constantly optimizing the photoelectric conversion rate of UVC LEDs to provide customers with better products. At present, according to various test surfaces, the 280nm band is the band with the highest photoelectric conversion rate of UVC LEDs.

Usage Notice:

It is recommend to use low temperature solder paste for reflow, and the temperature curve is shown in the following diagram.



Please note: UVC LED light is harmful to the eyes. When testing or using, please wear goggles.

PRODUCT APPLICATION



Air Disinfection



Analytics & Data



Baby Products



Consumer Appliances



Food & Beverage
Processing



Healthcare
Disinfection



Kitchen & Bath



Medical



Personal Health



Restaurant Household



Water Disinfection



Transport & Areas

OUR COMPANY

Dongguan Zhiding Electronics Technology Co., Ltd

Dongguan Zhiding Electronics Technology Co., Ltd was formally established in 2009. The production base is located in Zhaoqing Lineng industrial park, specializing in the production and sale of high-quality LED light emitting diode and other LED related products.

We rely on the industry's senior talent advantage, perfect manufacturing technology, reliable production technology, intimate and quick after-sales service, is committed to creating a world famous brand.



OUR FACTORY



The factory has advanced full automatic production equipment, international testing equipment and perfect reliability test equipment. From material warehousing, process design to product manufacturing, each production link is in strict accordance with the ISO9001 quality management system.

We rely on the industry's senior talent advantage, perfect manufacturing technology, reliable production technology, intimate and quick after-sales service, is committed to creating a world famous brand.

SHIPPING



Our purpose and attitude:

Our mission: to take every step, to drive the process of human beings

Our values: integrity, gratitude, creativity

Our spirit: never-ending, dare to surmount

Our aim: collection of advantage & wisdom, humility, work-hard, rigorous, lively, independent, cooperation

Welcome oversea customers to join us together create our brilliant future.

Most of the regular items, we are stocked, so we have an advantage in the delivery period. In the absence of inventory, we will arrange production as soon as possible according to customer needs. Providing quality service to customers is the basic premise of our sales. Welcome to inquire about our products!

WELCOME TO CONTACT US>>>>WWW.ZHIDINGLED.COM



Oversea Sales Manager

Elsa Xiao

E-mail:sales@zhidingled.com

Skype: elsa.xiao0418

Mobile: 86-13412570091

WhatsApp: 86-13412570091

Tel: 86-769-22665151

Fax:86-769-22665155

UVC LED modules can be used in many sterilization products. We can customize the size and power according to customer needs. For the finished product, we have a newly developed handheld germicidal lamp, which is easy to use and has a good sterilization effect. It is a hot-selling product.