



SPECIFICATION



P/N: LCT-Z5A-CI04-1W-AR111



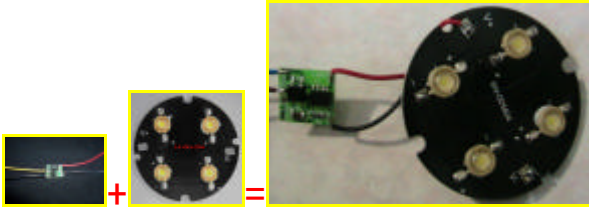
光圓科技股份有限公司

LED CIRCLE Technology Corporation

新竹市竹光路 8 號 14 樓之 8

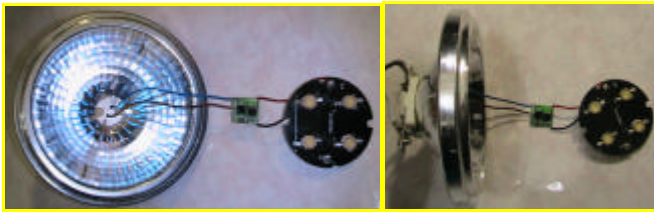
14F-8, No. 8, Zhu-Guang Rd., HsinChu City, Taiwan

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Examples:

Diameter =49.7mm (Module, the case is not included)



Description

The **LCT-Z5A-CI04-1W-AR111** is a Talent LED Module for **AR-111** traditional lighting fixture. It is integrated by modular LED array of (Luxeon) high power LEDs and **Alva-ADL350A** power supply. This product line provides simple and compact solution for traditional lighting in different size fitted into existing **AR-111** fixture. *The size including LED PCB and CCD power supply, the LEDs, the colour pattern, the array layout and the CCD driver layout are opened for being customized to meet the requirement of the existing fixture.*

Features

- The heat is efficiently managed at preferable working temperature.
- Small/Compact size.
- Easy for being retrofitted into existing traditional lighting fixture

Benefits

- Have flexible configurations including Warm white, White, Red, Green, Blue, Yellow and RGB mixed and other customized configuration.
- Light weight
- Enhance the value of your products
- Provides flexibility to designers
- Support 1W, 3W and 5W LEDs.
- It is a hazard free product
- It can be integrated into existing lighting system
- Facilitates new fixture design
- Facilitates low profile fixture design
- Optimisation of the usage of the system power.

Typical Applications

- Architectural lighting
- Garden lighting
- In-ground lighting.
- Floodlight.
- Reading lamps
- Cove lighting
- Cornice lighting
- Landscape lighting
- Under-Water lighting
- MR-16/MR-11
- Wall sconces
- Under-cabinet lighting
- Spots Lights
- Signalling



Selection Guide

Part Number	Description
LCT-Z5A-CI04-1W-AR111	AR-111Module/1W White/4 LEDs Array
LCT-Z5A-CI04-XX-XXXXX	AR-111 Module/ Customized Array

Note: The XX-XXXXX is the project code of the customized products.

Environmental Ratings

Parameter	Min	Max
Operating Ambient Temperature	-10	60
Storage Ambient Temperature	-20	80

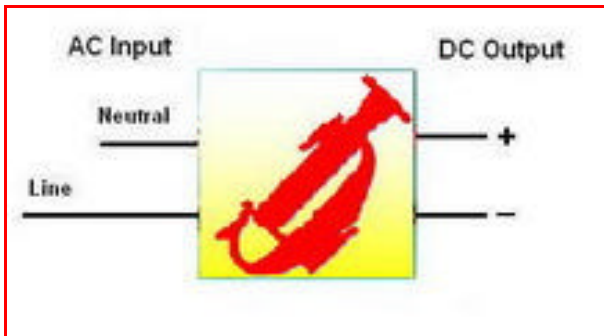
Electrical characteristics

Input

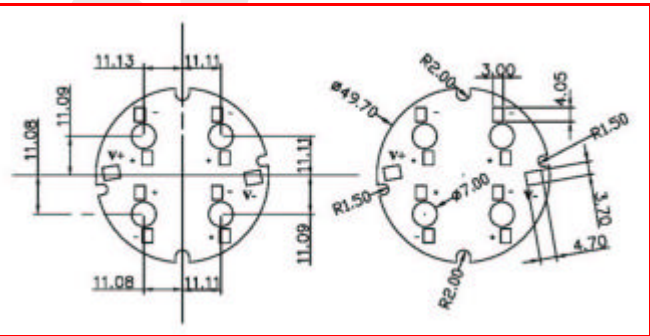
Parameter	Min	Max
Input Voltage Range	12Vac-5%	12Vac+5%
Input Frequency	47Hz	63Hz
Input Current	N/A	N/A
Efficiency	80%	90%

Drawing and Diagram

1. Alva CCD LED Driver. (15mm (L) x 15mm(W))



2. LED Module. (=49.7mm)





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Important: Please contact our engineer to ensure installation and maintenance being properly executed to obtain maximum performance, efficiency and durability from the LED lighting product.

Disclaimer: While every care has been taken with the details on this specification sheet, we accept no responsibility for any inaccuracies and reserve the right to change these specifications without notice to always ensure that you are receiving a superior product.

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Preliminary