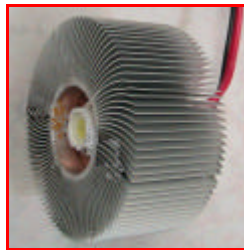




## SPECIFICATION



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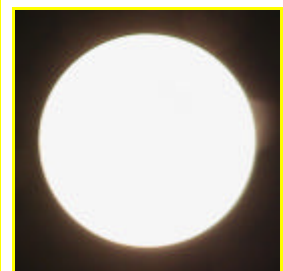
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**P/N: LCTS-40S6P2**



**光圓科技股份有限公司**

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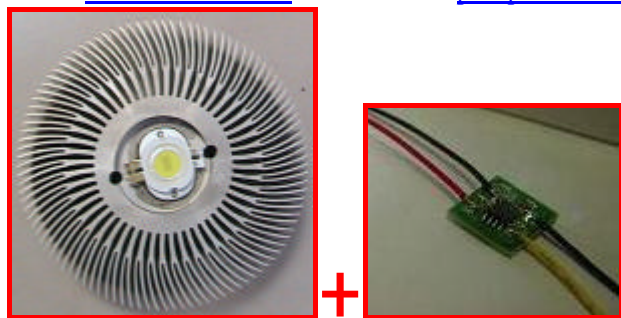
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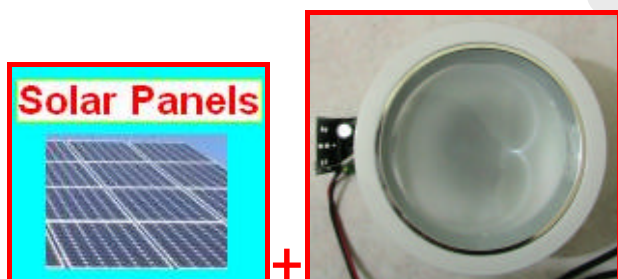
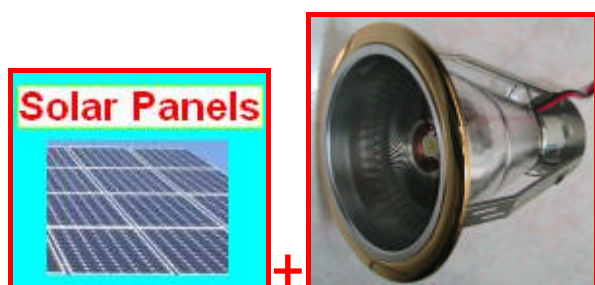
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Examples: Diameter=90mm ; Height=35



## Description

The **LCTS-40S6P2** is a Talent LED Module for **Solar System**. It is integrated by **20W** high power LEDs and ALVA CCD power supply. It is good for traditional lighting fitted into existing 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.
- Easy for being retrofitted into existing traditional lighting fixture.
- The Driver is designed professionally for the Solar Power System.

## Benefits

- Have flexible configurations including Warm white, White, Red, Green, Blue, Yellow and RGB mixed and other customized configuration.
- Enhance the value of your products
- Provides flexibility to designers
- Super High Power 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
- Indoor lighting
- Ceiling lighting

## Selection Guide

| Part Number      | Description                |
|------------------|----------------------------|
| LCTS-40S6P2-20WW | 20W warm White/24Vdc Input |
| LCTS-40S6P2-20SW | 20W Sun White/24Vdc Input  |
| LCTS-40S6P2-20R  | 20W Red/24Vdc Input        |
| LCTS-40S6P2-20G  | 20W Green/24Vdc Input      |
| LCTS-40S6P2-20B  | 20W Blue/24Vdc Input       |
| LCTS-40S6P2-20Y  | 20W Yellow/24Vdc Input     |
| LCTS-40S6P2-20M  | 20W RGB/24Vdc Input        |
| LCTS-40S6P2-XXX  | Customized                 |

Note: The **XXX** is the project code of the customized products.

## Electrical characteristics

| Input               |          |          |
|---------------------|----------|----------|
| Parameter           | Min      | Max      |
| Input Voltage Range | 24Vdc+5% | 24Vdc-5% |
| Input Current       | -        | -        |
| Efficiency          | 85%      | 95%      |



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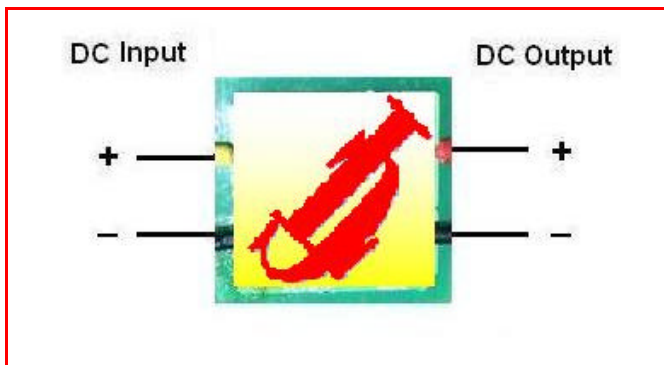
Fax: +886-3-5678764

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

|                               |     |    |
|-------------------------------|-----|----|
| Operating Ambient Temperature | -10 | 60 |
| Storage Ambient Temperature   | -20 | 80 |

## Drawing and Diagram

1. Alva CCD LED Driver. 30mm (L) x 15mm(W) x 3mm(H)



2. LED Module. 90mm(D) x 35mm(H)



## Indoor Applications:

#1: External Solar Panels + Internal Driver (Driver is integrated into the light fixture)



**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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