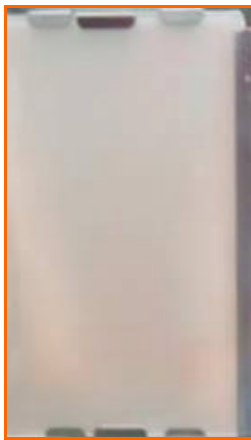


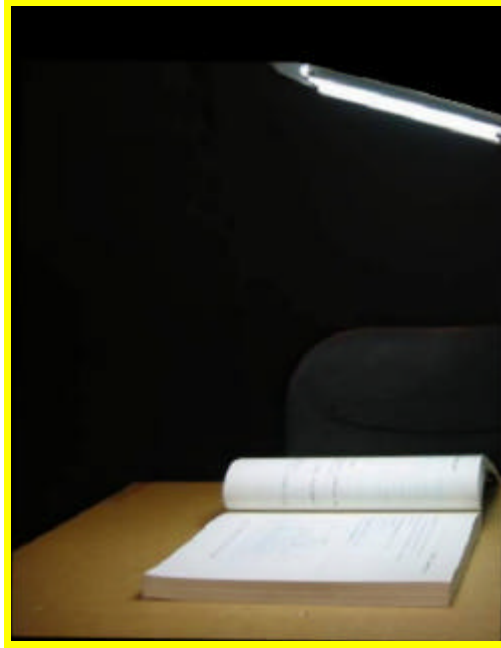


## SPECIFICATION

**P/N: LCT-TLLG07**



**Before turn on**



**Real Application (1800lux/30cm)**

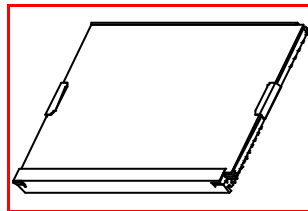


**After turn on**

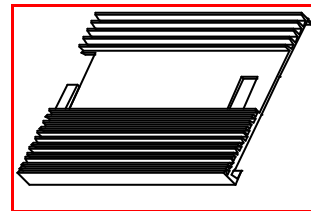
### TABLE LAMP LIGHT DRAWING



**Alva-AH350 CCD Driver**



**Face (LC LED Module)**



**Back (LC LED Module with Heat-Sink)**

**光圓科技股份有限公司**

**LED CIRCLE Technology Corporation**

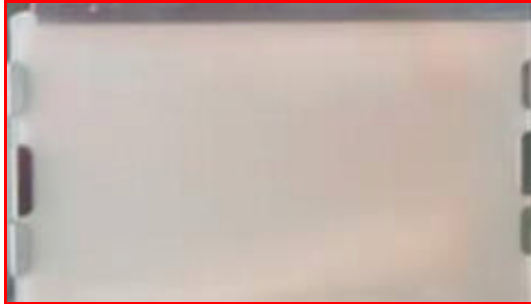
新竹市竹光路8號14樓之8

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

WEB: [www.ledcircle.com](http://www.ledcircle.com) E-Mail: [zeno@ledcircle.com](mailto:zeno@ledcircle.com) TEL: +886-3-540-2430



+



- Light weight
- Enhance the value of your products
- Provides flexibility to designers
- 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

- Table lamp.
- Home lighting.
- Decorative lights.
- Cabinet lighting.
- Vendor Machine

### Description

The **LCT-TLLG07** is a Talent LED Module for table lamp, home lighting and other commercial lighting applications. It is integrated by modular LED Light-bar of high power LEDs, Light-Guide and **Alva-AH350** CCD power supply. This product line provides simple and compact solution for traditional table lamp lighting in different size fitted into existing fixture. *Other sizes including LED PCB and CCD power supply, other LEDs, other colour pattern, other Light-bar layout and other CCD driver layout are available on request.*

### 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 Sun White, (Cool) White, Warm white, and other customized configuration, such as dimming utility.

Selection Guide	
Part Number	Description
LCT-TLLG07-06WW-U	6W warm White/85~265Vac input
LCT-TLLG07-06W-U	6W cool White/85~265Vac input
LCT-TLLG07-06SW-U	6W sun White/85~265Vac input
LCT-TLLG07-09WW-U	9W warm White/85~265Vac input
LCT-TLLG07-09W-U	9W cool White/85~265Vac input
LCT-TLLG07-09SW-U	9W sun White/85~265Vac input
LCT-TLLG07-XXX-XX	Customized Module.

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

Electrical characteristics		
Input		
Parameter	Min	Max
Input Voltage Range	85Vac	264Vac
Input Frequency	47Hz	63Hz
Input Current	Typical 2.0A-115Vac/60Hz	
Efficiency	Typical 80%-85%	
Environmental Ratings		
Parameter	Min	Max
Operating Ambient Temperature	-10	60
Storage Ambient Temperature	-20	80

**MACHINICAL SPECIFICATION (LC LED Module only)**

<b>HOUSING</b>	Aluminum with Alumina Colorful-Planting
<b>CONNECTOR TYPE</b>	-
<b>OUTSIDE DIMENSION</b>	160.1mm x 99.2mm x10mm
<b>HOUSING COLOR</b>	According to Light Color or Customer Specified
<b>NET WEIGHT</b>	175g (FLM Ra80-90g)

**ELECTRICAL SPECIFICATION (LC LED Module only)**

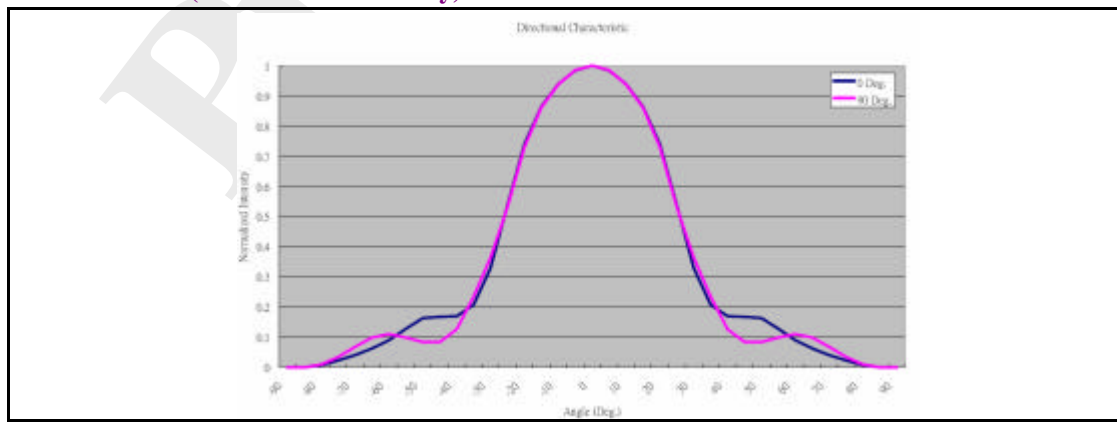
<b>POWER REQUIREMENT</b>	21+/-0.6VDC, 280mA~430mA
<b>POWER CONSUMPTION</b>	Maximum: 6~9 Watts
<b>TRANSFORMER</b>	Low-Voltage Magnetic or Electronic

**ENVIREMENT & RELIABILITY SPECIFICATION (LC LED Module only)**

<b>AMBIENT TEMPERATURE</b>	-10 °C ~ 40 °C
<b>STORAGE TEMPERATURE</b>	-10 °C ~ 80 °C
<b>HUMIDITY</b>	0% ~ 90%, non-condensing humidity
<b>SURFACE TEMPERATURE</b>	70 °C
<b>MTBF</b>	-

**OPTICAL SPECIFICATION (LC LED Module only)**

<b>BEAN ANGLE</b>	Flood (FL) : 52° +/- 2°
<b>LIGHT COLOR</b>	Sun White (6500K)/Cool White (5500K) / Warm White (2800K)
<b>ILLUMINANCE</b>	1300 (Min.) / 1500 (Typ.) @ central for 6W 1800 (Min.) / 2000 (Typ.) @ central for 9W
<b>CRI</b>	> 70 (Depended on Color Temperature)

**BEAM ANGLE (LC LED Module only)**



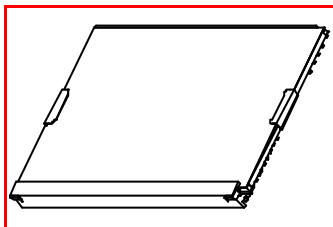
## Drawing and Diagram

### 1. Alva CCD LED Driver. (120mm\* 20mm)

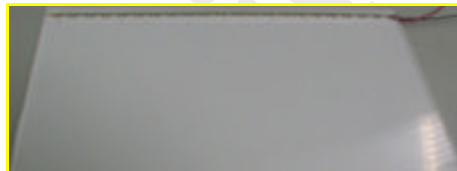


Note: Other circuit layouts and size available on request

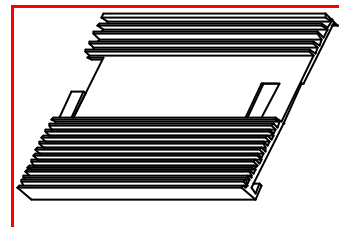
### 2. LC LED Module. (7" Light Guide)



**Face** (LC LED Module)



**LEDs with Light guide** (Real photo)



**Back** (LC LED Module with Heat-Sink)



**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 reserves the right to change these specifications without notice to always ensure that you are receiving a superior product.

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