

Environmentally friendly photosensitive sensor

Product specifications

Customer	
Date	
Model	LLS05-H ML
Product number	

Make	
Approval	
Customer Signatures	

Sales center

5109

T3 32

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Product function

1. (CdS) ROHS
Replace Photoresistors(Cds),RoHS Compliance/Pb-free/Cd-free.
2. LCD
adjust background light automatically,LCD,mobile phone,camera,Computer Camera etc.
3. Suitable for all kinds of light control products and light control toys,such as night lamp etc.
4. Applicable to all kinds of infrared monitoring products

Product Features

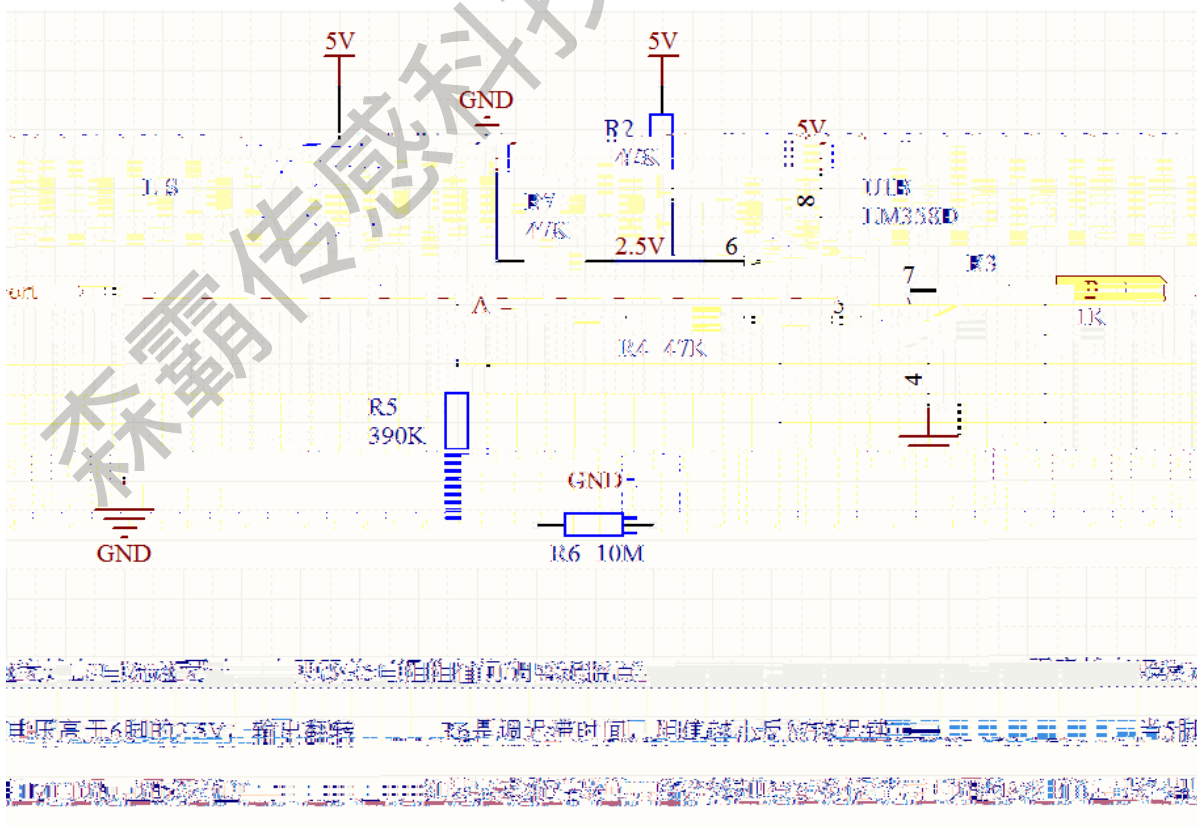
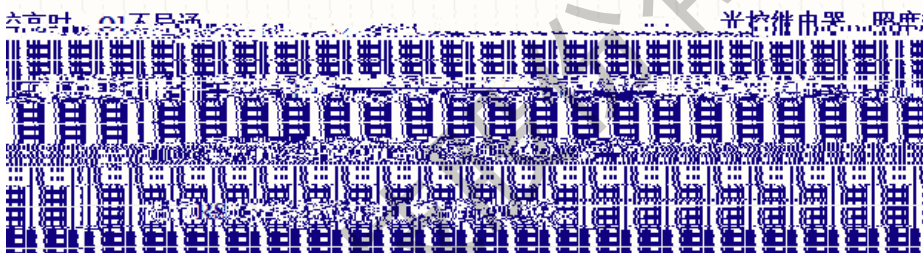
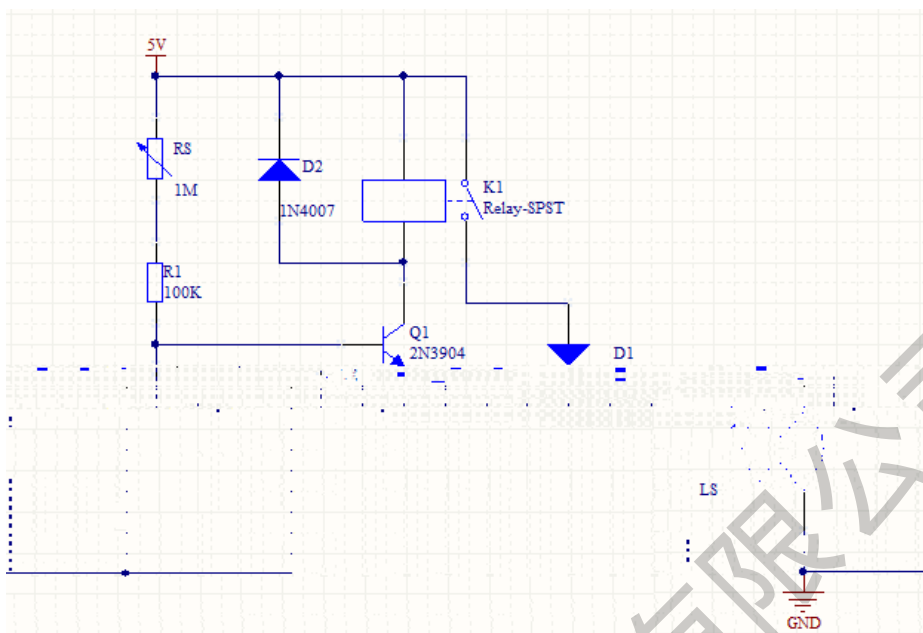
1. 520nm
Peak sensitive wavelength 520nm
2. Low Power Consumption
3. High reliability
4. Perfect consistency, completely solve the problems of early start or poor consistency of the lamp.
5. +85 /65% 1000H
Fast response, stable performance, no drift at 1000h starting point under + 85 / 65% humidity condition
6. Size customized, easy for Installation.

Product Dimensions

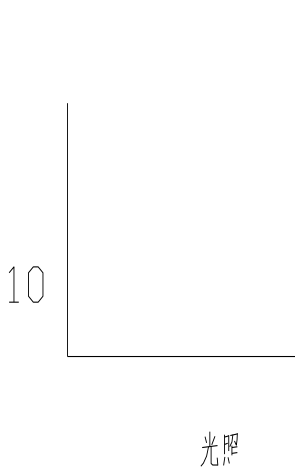
Ta=25 MAXIMUM RATING (TA = 25 ° C)

Parameter name	Symbol	Rating	Unit
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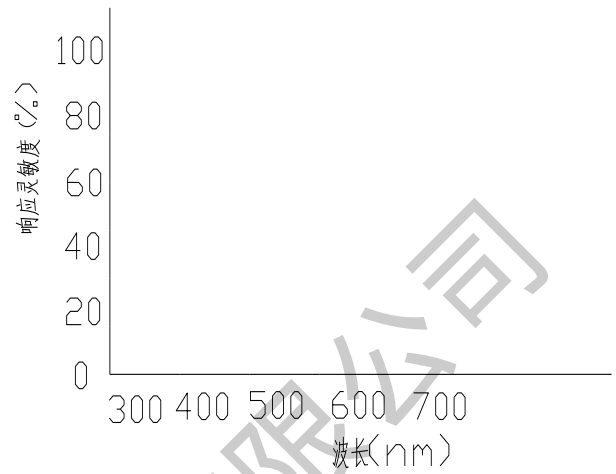
Reference circuit



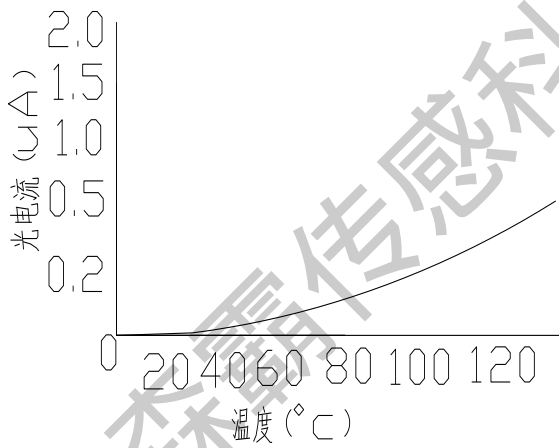
Typical photoelectric characteristics curves



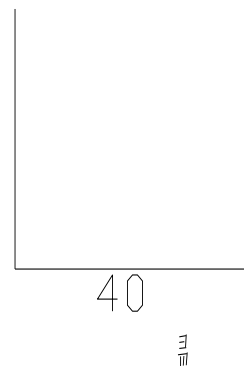
Change of illuminance and photocurrent



Photowavelength map



Temperature and photocurrent diagram



Temperature and dark current diagram

Recommended Soldering Conditions

Mode		Condition
Manually Soldering	Soldering Iron Temperature	340 01505ENC5V3E Max340 (power:60Wmax)
	Soldering Time	01505ENC5V3E 3 MiRinT/F1 12.00 1 314.829907 635.500 1.5mm
	Soldering Position	1.5

Precautions

1. 0 +30°C 70% 3

The storage conditions of the product after leaving the factory shall be 0 to + 30 ° C, the relative humidity shall not be more than 70%, and the storage period shall be 3 months. If the storage period is more than 3 months, the product shall be placed in a closed container with nitrogen or desiccant, and the storage period may be up to one year

2. 0 +30°C

Once the package is opened, the products should be used up as soon as possible . If it is not used up, it should be sealed immediately. The storage condition is 0 +30°C, and the relative humidity 60%. It should be used up within one week

- 3.