

Product specification

The customer name : _____

Product model : FY-520 IR LED

Date : 2014-10-8

The company confirmed		Customer Confirm	
Design			
Audit	Ziqiang Yang		
Ratify			
Date	2014-10-8		

Purpose: Security monitoring

Address: Floor 3-4, Plant 8, No. 22, Liuhe Road, Henggeng St.,
Longgang Dist,Shenzhen City,Guangdong province,China.

Tel: 0755-89739831-88 Fax: 0755-89739831-83

Web: <http://www.fyjxdz.com/>

Photoelectric parameters

Electrical/Optical Characteristics

IR parameters: Size: Ø5*8.5mm, Chip: Optotech 10mil, Amount: 24 pcs, Degree: 45、60、80、120 for choose

Photosensitive resistance suite: GL5528+Blue glass

参数 Parameter	测试条件 Conditions	最小值 Min.	标准值 Normal	最大值 Max.	单位 Units
工作电压 Operating Voltage(Vin)		10.5	12	18	V
工作电流(12V Input) Oprating Current(Io)	10mil 12mi		160 170		mA
波长 Peak wavelength			850		nm
有效距离 Lighting Distance				25	Meter
消耗功率 Consumed Power	10mil 12mil		1.92 2.04		W
开启照度 Power On Illumination			4-5		Lux
工作温度 Oprating Temperature		-40		+60	℃

1) Requirement SPEC

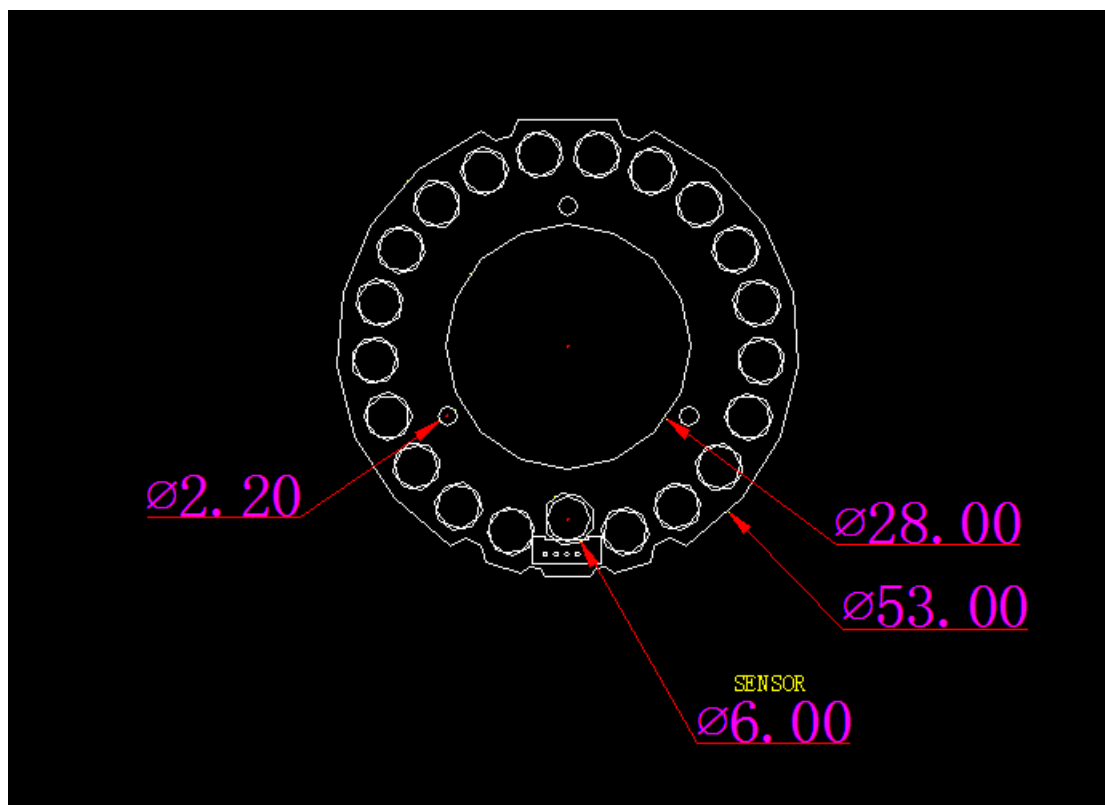
- Wavelength : 850nm
 - Quantity of LED : 20 pcs / Φ5
 - Input Voltage : DC12V
 - Connector : 5-pin (1.25 pitch)
 - Pin Assignment of Connector : NC, IR-ON, CDS, GND,
 - Light angle type : 45°/ 60°/ 80°/ 120°
 - IR LED On time : IR_ON(Pin #2) = HIGH(3.3V) & CDS (Pin #3) = HIGH (3.3V)
- &CDS Input = 4~5 LUX

Product appearance size (Unit: mm):

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