



德彩光电有限公司

Shenzhen Dicolor Optoelectronics Co.,Ltd.

LED模组规格书

LED MODULE SPECIFICATION

编号 (NO.):	DI-P14(3Y)
类型 (Type):	Outdoor LED Module
间距 (Pitch):	14.0 mm
驱动 (Driving):	Static Duty
版本 (Version):	1.0



请避免重物挤压灯面!



小心静电损坏LED!



非专业人员请勿维修!

地址: 深圳市宝安区福永镇福海大道福海科技工业园B3区2栋4楼
Address: Floor 4, Seat 2, B3 District, FuHai Technology Industry Park, Fuyong
Town, Shenzhen, China

电话(Tel): 0086-755-29604770/29604771/29604749 传真(Fax): 0086-755-29604042
网址(Web): [Http://www.dicolor.cn](http://www.dicolor.cn) 邮编(Post code): 518103



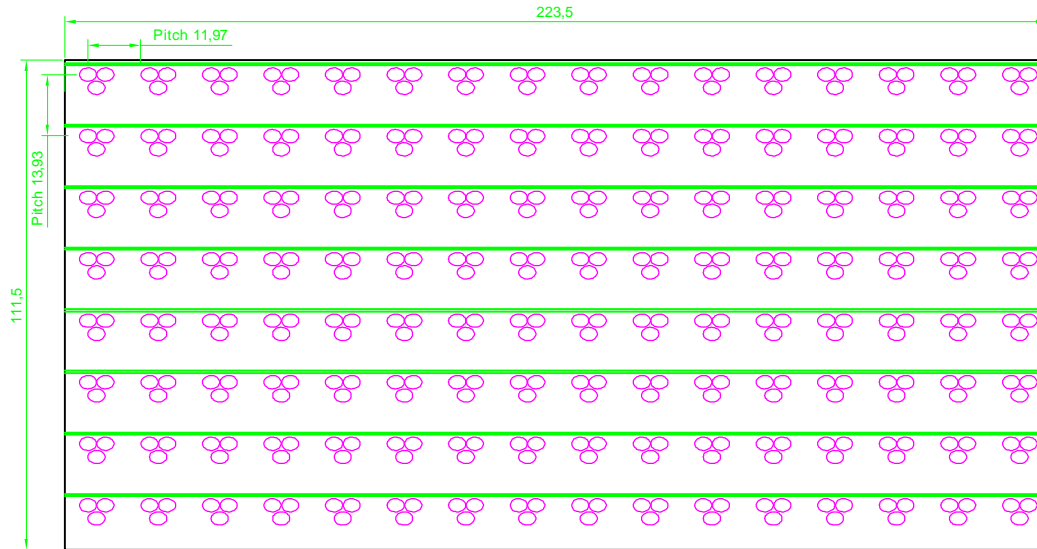
德彩光电有限公司

Shenzhen Dicolor Optoelectronics Co.,Ltd.

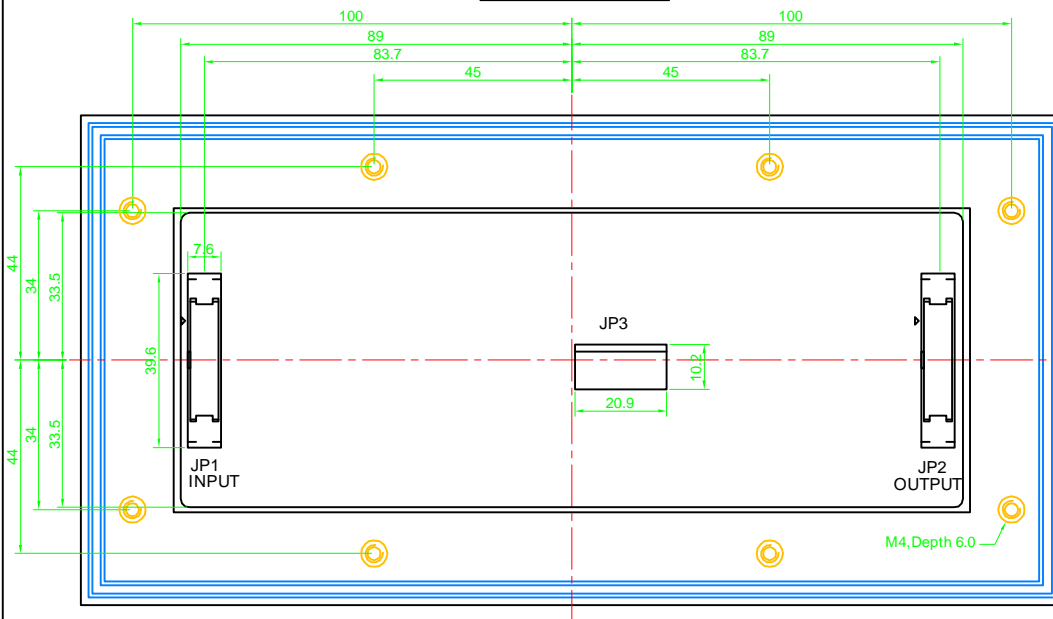
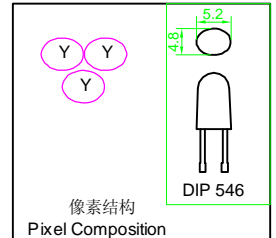
DI-P14(3Y)

户外模组 (OUTDOOR MODULE)

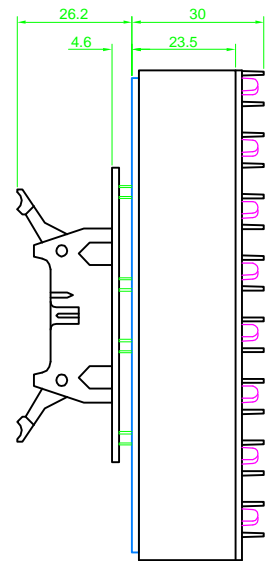
单位 / Unit : mm



FRONT VIEW



BACK VIEW



SIDE VIEW

Pin Assignment (Data JP1/JP2 - F.C.16)

Pin NO.	Function	Pin NO.	Function
1	Y0	2	GND
3	GND	4	GND
5	Y1	6	GND
7	GND	8	GND
9	CLOCK	10	GND
11	LATCH	12	GND
13	OE	14	GND
15	GND	16	GND

Pin Assignment (Power JP3 - VH4)

Pin NO.	Function
1	VDD
2	VDD
3	GND
4	GND



德彩光电有限公司

Shenzhen Dicolor Optoelectronics Co.,Ltd.

DI-P14(3Y)

户外模组 (OUTDOOR MODULE)

主要技术指标

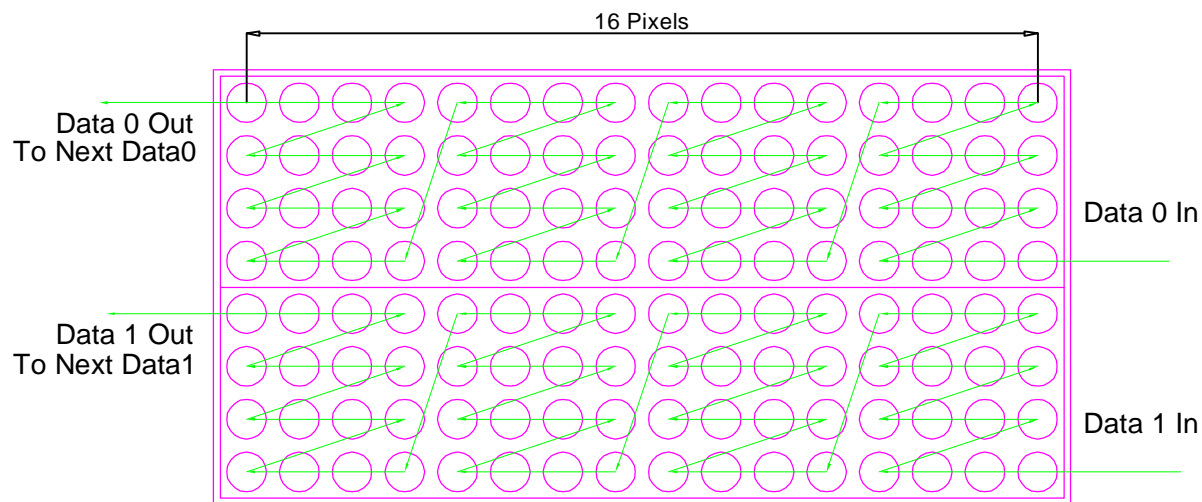
MAIN SPECIFICATIONS

(温度条件 Ta = 25°C)

项目 (ITEM)	参数 DESCRIPTION
像素间距 (Pixel Pitch)	Pitch 14 mm
显示分辨率 (Display resolution)	16 x 8 Dots
像素基色 (Pixel configuration)	3Y
物理密度 (Physical density)	5102 (pixels / m) ²
驱动方式 (Driving Method)	Static Duty
外形尺寸 (Panel size)	223.5x111.5mm
灰度等级 (Gray scale)	256 greys for colour
显示亮度 (Brightness)	5000 ± 10% Nit
模组视角 (Viewing angle)	H:70° / V:30°
最佳视距 (Option distance)	> 10 M
LED封装 (LED Encapsulation)	DIP 546
LED波长 (LED Wavelength)	620-630nm
工作电压 (Working Voltage)	DC 7.5 V
使用功耗 (Working Consumption)	20W
使用寿命 (Life Time)	100,000 Hours
环境温度 (Environment Temperature)	-20°C ~ 60°C
外壳材质 (Material of Module Outside Frame)	PC

数据传输原理图

Drive Data Register Direction



FRONT VIEW (LAMP VIEW)