



深圳德彩光电有限公司
Shenzhen Dicolor Optoelectronics Co., Ltd

LED模组规格书

LED MODULE SPECIFICATION

编号 (NO.):	DI-P16F1D
类型 (Type):	Outdoor LED Module
间距 (Pitch):	16.0 mm
驱动 (Driving):	Static virtual 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!

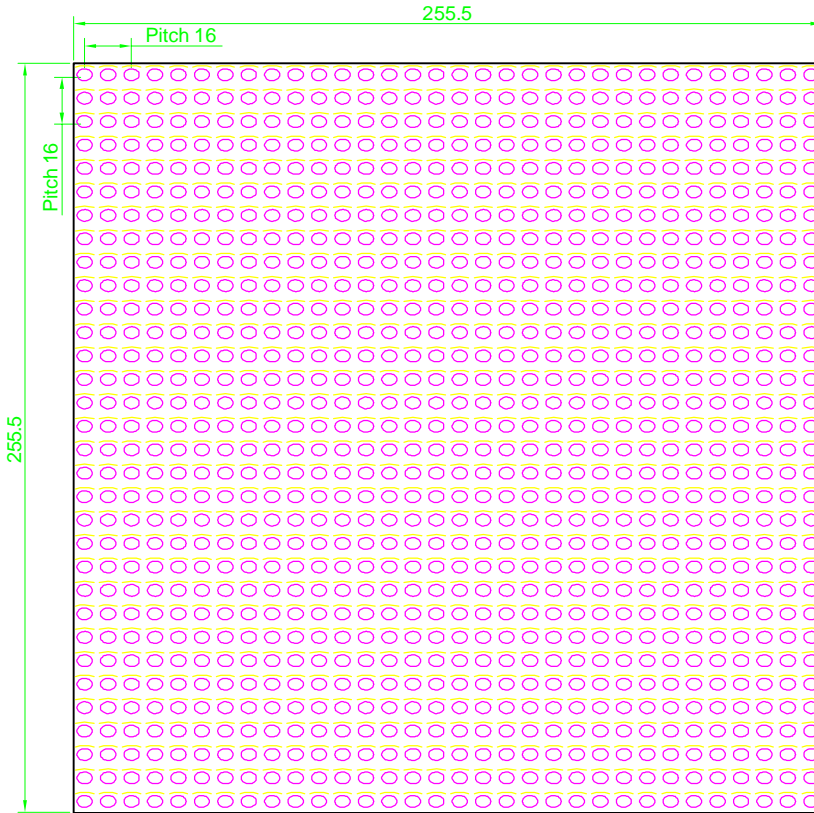
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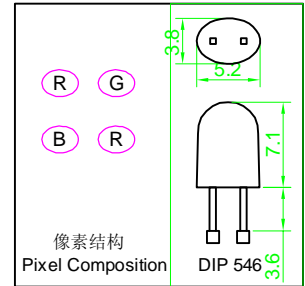
DI-P16F1D

户外模组 (OUTDOOR MODULE)

单位 / Unit : mm



FRONT VIEW

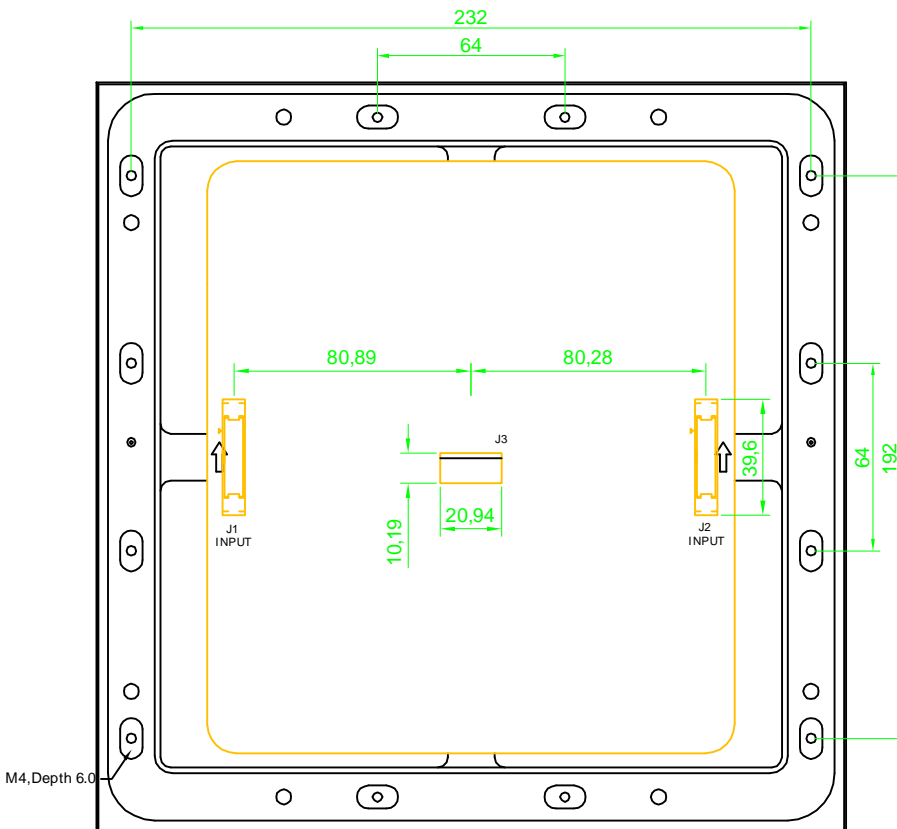


Pin Assignment (Data JP1/JP2 - F.C.16)

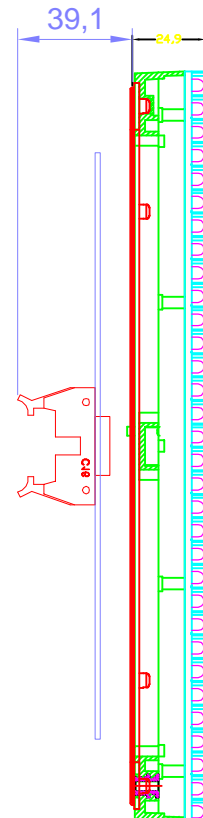
Pin NO.	Function	Pin NO.	Function
1	1R0	2	2R0
3	G0	4	B0
5	1R1	6	2R1
7	G1	8	B1
9	1R2	10	2R2
11	G2	12	B2
13	1R3	14	2R3
15	G3	16	B3
17	GND	18	CLK1
19	GND	20	LAT1
23	OE1	24	GND
25	CLK2	26	GND
			OE2

Pin Assignment (Power JP3 - CH5)

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



BACK VIEW





DI-P16F1D

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 16 mm		
显示分辨率 (Display resolution)	16 x 16 Dots		
像素基色 (Pixel configuration)	2R, 1 G, 1 B		
物理密度 (Physical density)	3906 (pixels / m) ²		
驱动方式 (Driving Method)	Static virtual Duty		
外形尺寸 (Panel size)	255.5x255.5mm		
灰度等级 (Gray scale)	16384		
显示亮度 (Brightness)	5000 ± 10% Nit		
模组视角 (Viewing angle)	H:110° / V:60°		
最佳视距 (Option distance)	> 12 M		
LED封装 (LED Encapsulation)	DIP 546		
LED波长 (LED Wavelength)	R:620~630nm	G:520~530nm	B:465~475nm
工作电压 (Working Voltage)	DC 5 V		
使用功耗 (Working Consumption)	65W		
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

