



Shenzhen Dicolor Optoelectronics Co.,Ltd

LED MODULE SPECIFICATION

No :	<u>DI-P10F1</u>
Type :	<u>OUTdoor LED Module</u>
Pitch :	<u>10 mm</u>
Driving :	<u>1/4Duty</u>
Version :	<u>1.0</u>



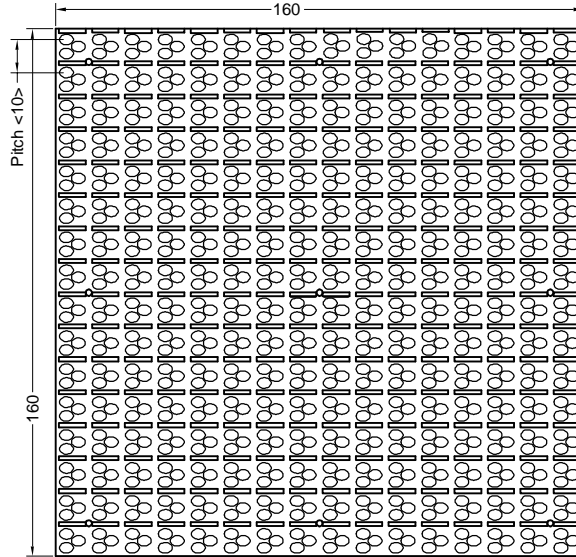
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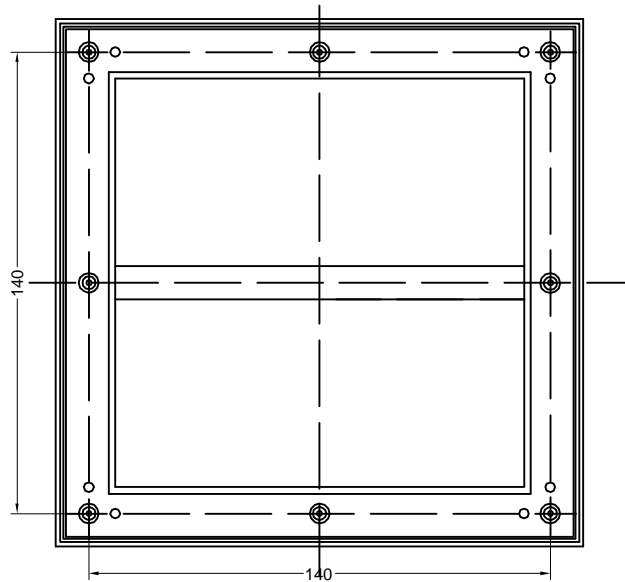
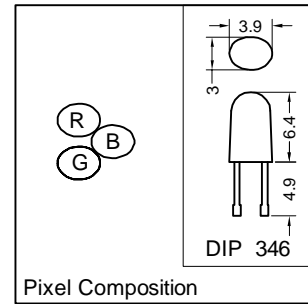
DI-P10F1

OUTDOOR MODULE

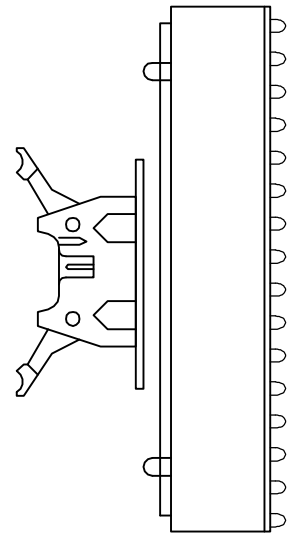
Unit : mm



FRONT VIEW



BACK VIEW



SIDE VIEW

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

Pin NO.	Function	Pin NO.	Function
1	R0	2	G0
3	B0	4	GND
5	R1	6	G1
7	B1	8	GND
9	A	10	B
11	GND	12	GND
13	CLK	14	ALT
15	OE	16	GND

Pin Assignment (Power JP3 - CH5)

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



DI-P10F1

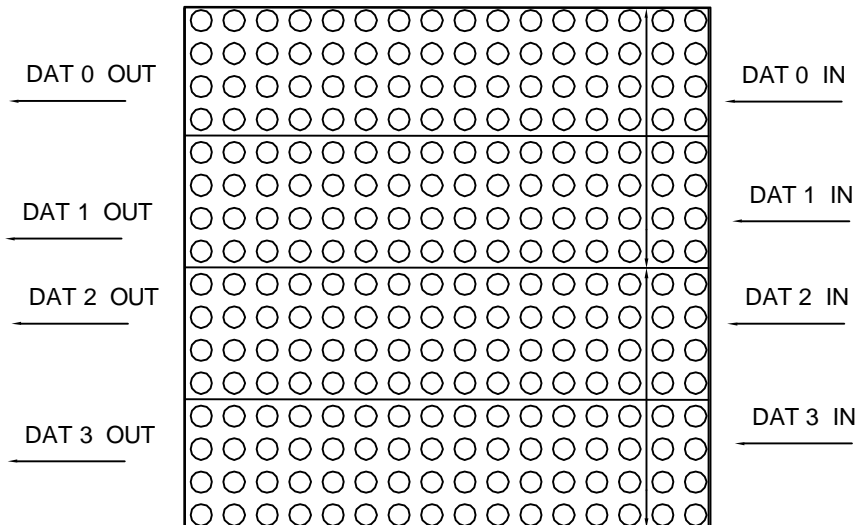
OUTDOOR MODULE

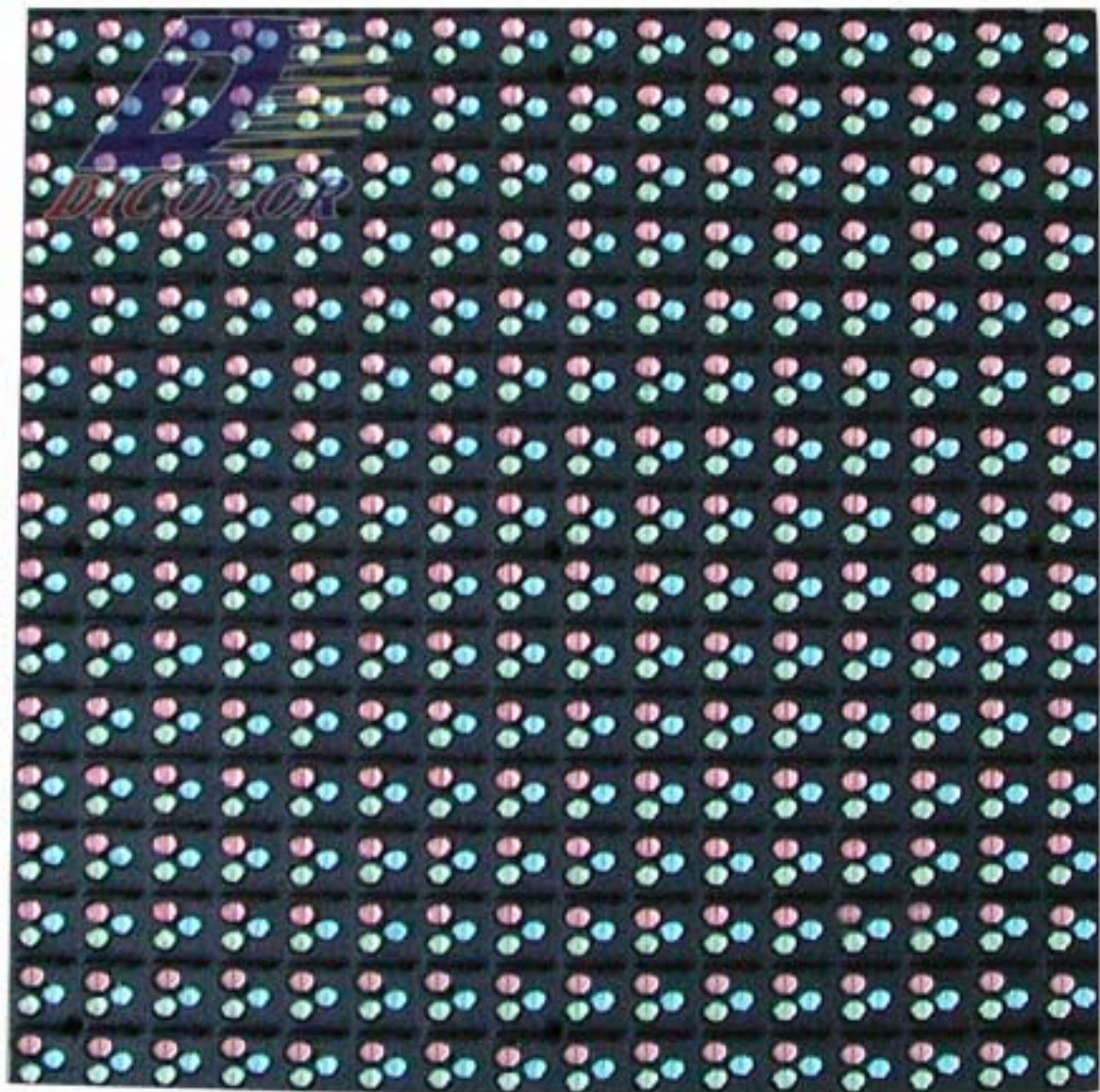
MAIN SPECIFICATIONS

(Ta = 25°C)

ITEM	DESCRIPTION		
Pixel Pitch	Pitch 10 mm		
Display resolution	16 x 16 Dots		
Pixel configuration	1 R, 1 G, 1 B		
Physical density	10000 (pixels / m ²)		
Driving Method	1/4 Duty		
Panel size	160x160mm		
Brightness	4000 ± 10% Nit		
Viewing angle	H:110° / V:50°		
Option distance	> 8 M		
LED Encapsulation	DIP 346		
LED Wavelength	R:625~635nm	G:515~530nm	B:470~475nm
LED Voltage	R:1.8~2.2v	G:3.0~3.6v	B:3.0~3.6v
Working Voltage	DC 5 V		
Working Consumption	22		
Life Time	100,000 Hours		
Environment Temperature	-20°C ~ 60°C		
Material of Module Outside Frame	PC		

Drive Data Register Direction





YDC16X16P10
2006A

DICOLOR

DIYPI OF 030-43L-3.0
2007-11-12

DC LABEL

S-16

