



深圳市齐普光电子有限公司
SHENZHEN CHIP OPTECH CO.,LTD.

PH12MM INDOOR SMD 1BY1 FULL COLOR LED DISPLAY

Product model number	PH12SIRL4-S116x8
1.Pixel	
Pixel LED	Smd 0805
Pixel Configuration	1R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468,
Pixels Pitch (mm)	12
2.Module	
Module Size (mm)	192 * 96 * 20
Module Pixels (dot)	16 * 8
3.Unit box	
Module quantities(pcs/box)	5(L) * 8(H)
Unit box size (mm)	960(L)* 768(H)* 160
Unit box Pixels (dot)	80 * 64
Unit box material	Aluminum or Iron
Weight (kg/box)	Aluminum:32 or Iron:42
4.Packaging	
Packing Way	Two unit boxes packed into one
Packing box material	Wooden case or Flight box
Packing box size (mm)	1100 * 950 * 480

Tel: 86-755-83419012 83893997 83894037 83419034 88350045 83429047 Fax: 86-755-82975893
Website: www.chipshow.com Email: manager@chipshow.com MSN: led_signs@hotmail.com Skype: led_screen
Add: F3,A,Yufeng Industrial Park,82 Area,Baoan District,Shenzhen City China



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5.electricity parameter	
Pixel density (dots/m ²)	6944
White Balance Brightness(cd/m ²)	≥1000
Color temperature(K)	5000—9500 (choice by user)
Brightness Adjusted	100 grade by software, or by Auto-optic induced.
View Angel	Horizontal 140°; Vertical 140°
Best viewing distance(m)	≥10
Communication distance(m)	Internet Wire: 120 Fiber Cable: 1000
Screen work Method	Scan: 1/4
LED driving method	Constant driving current
Gray Grades	16384 levels for each color
Display Color	4, 398, 046, 511, 104
Refresh Frequency (Hz)	≥180
Picture display method	Dots to dots display synchronized with CRT
Signal interface	DVI
Input signal	Video:PAL/NTSC optioned.VGA,Svideo,DVD,TV
Display format	800 * 600, 1024 * 768, 1280 * 1024
Software	Support windows series system
Protection grades	IP64
Working temperature(°C)	-10~+50



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Humidity(RH)	Up to 95
Stored temperature (°C)	-30~+70
Screen Lifetime(hours)	≥100,000
Out of controlled dots	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)
Whole display flatnes	Less than 1mm Juncture
Maintance way	Front-maintained, modules displaced
Switch power supply	Single Phase AC: 110V/60Hz or 220V/50Hz
Power Consumption (w/m ²)	Max: 900, Average: ≥450