





Shenzhen Newstar Optoelectronics Co., Ltd.

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FN590 module Product Parameters		
Photo	LED Module	LED Module
		
	ITEMS	PARAMETERS
Physical Parameters	LED Configuration	SMD1921
	Pixel Pitch (mm)	5.95mm
	Module Resolution(dots)	42x42
	Pixel Density (dots /m ²)	28,224
	Module Size (W x H x D) /(mm)	250x250mm
	Module Weight(Per/kg)	1Kg
Optical Processing	Color processing (Bit)	16
	Grey Level	65536
	Refresh Rate (Hz)	≥1920
	Driving Mode(scan)	1/7
	Brightness (nit)	6000nit
	Viewing Angle (H/V)	140/140
Electrical Parameters	Input Voltage (V)	AC110/220V±10%
	Input Power Frequency (Hz)	50/60
	Max Power (W/pcs)	48
	Average Power (W/pcs)	16
Operating Environment	Storage Temperature (°C)	From -10 to 50
	Operating Temperature (°C)	From 0 to 40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating	IP65/IP54
	Lifetime (hrs)	100000
	Usage Environment	outdoor fixed installation
	Maintenance Method	Front/Rear Maintenance
Certification	CE/ RoHS/CCC/UL/	