

Product technical parameters (IS 1.86 FULL COLOR (F))

Items	Technical parameters	
Unit Board	Module size	320mm (W)*160mm (H) * 7.5mm (T)4mm
	Pixel pitch	1.86 mm
	Pixel density	288906 dots/m ²
	LED Specifications	SMD 1515
	Pixel Resolution	172 points (W) * 86 points (H)
	Unit Board Area	0.0512 m ²
	Module Weight	0.27 kg±0.01 kg
Light Parameter	Optimal Viewing Distance	≥2.5m
	Best Viewing Angle	150 (H)/ 150 (V)
	Pixel Configuration	1R1G1B
	Brightness Range	>600cd/sqm
Electrical Parameter	Operating Voltage	DC 4.2-5V
	Max Power Consumption	≤ 15 W
	Drive Device	Constant current driver
	Drive mode	1/43 Scan
	Refresh rate	3840Hz
	Grayscale	13-14bit
	Control Method	synchronous
	Max Power Per Square Meter	≤ 293 w/m ²
	Power Distribution	442w /m ² (maximum power per square ÷ 78% ÷ 85%)
System Operating Characteristic	Operating Environment	Indoor
	Operating Temperature	-10 °C ~ 40 °C
	Operating Humidity Range	10% to 65 % RH (no condensation)
	Mean Time Between Failures	≥10000 hours
	Theoretical Service Life	≥ 100000 hours
	Blind Spot Rate	≤1/10000
	Decay Rate (3 years of operation)	≤15%
	Flatness	Screen level flatness <1mm/m ²

*If there is any update to product information, we will not provide additional notice and our company does not assume any obligation.