



Shenzhen Absen Optoelectronic Co., Ltd.

Hi-LED 55 P2.8 Specifications

Version: V20230803

Parameter		Value
Physical Parameter	LED Type	SMD2121
	Pixel Pitch (mm)	2.82
	Module Dimensions (WxH)/(mm)	247.7×247.7
	Panel Dimensions (WxHxD)/(mm)	496×496×55
	Pixel Per Panel	176×176
	Panel Weight (kg)	9.5
	Panel Material	Die Casting Aluminum
Optoelectronic Parameter	Receiving card type	A8S-N
	Brightness (n it)	1000
	Refresh Rate (Hz)	3840hz
	Grey Scale	14 bits
	Driver IC type	ICND2055 with PWM function
	Driving Type	1/22
	Contrast Ratio	5000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/ 160
	Signal input format	AV, S-Video, VGA, DVI, YPb Pr, HDMI, SDI
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	480/ 160
Application Parameter	Storage Temperature (°C)	-40~ +60
	Operating Temperature (°C)	-10~ +40
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP40/IP21
	LED Lifetime (H)	100000
	Module Maintenance	Front or Rear
	PSU Maintenance	Rear
	Panel Installation Type	Hanging / Stacking
	Certificate	TUV-CE+RoHS/ETL+FCC

Remark :Power consumption tolerance: ±15%, according to the actual situation.