



598 Patterson Blvd., Pleasant Hill, CA USA

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Specification for 25mm Panel

Issued on: 4-Jan-08

Revised on: 10-Mar-10

1. Specs

Technical Terms		5050 SMD
<u>Module</u>	Pixel Composition(LED)	1 Red 1 Green 1 Blue
	Pixel Pitch	25mm
	Dot array	32px x 32px
	Total Pixels per Panel	1,024
	Pixels per Sq. Meter	1,600
	LEDs per Sq. Meter	4,800
	Color Total Value	68.7 Billion
	Grey Scale Total Value	4,096 Levels
	Brightness(NIT)	≥2,000 NITs
	Watt.(Max/Ave.)	300W/m ²
<u>Controller/ Driver</u>	Driver type	Static
	Processing Depth	12 bit
	Refresh Rate	120 - 800
	Video Frame Rate	60 - 85
	Data Interconnection	LAN Line (Cable)
<u>LED</u>	Grade	Super Intensity
	LED Type	Oval Shape (4mm x 5mm)
	Color Temperature	5,000°K - 9,000°K
	Red Wavelength	620nm - 630nm
	Green Wavelength	515nm - 530nm
	Blue Wavelength	465nm - 475nm
	Viewing Angle (50% Brightness)	110° (Horiz.) / 50°(Vert.)
	Luminous Intensity	Red:mcd Green:mcd Blue:mcd
<u>Set</u>	Lifetime (50% Brightness)	≥100,000 hours
	Panel Input Formats	Proprietary SDI, RGBHV, YUV, TC, Composite
	Panel size (mm)	31.5"H x 31.5"W x 2"D (800mmH x 800mmW x 50mmD)
	Panel Weight	44.1lbs. (20kg)
	Panel Material	Epoxy paint coated aluminium
	Aspect Ratio	1:1
	Input Voltage & Frequency	AC90 - 260V (50Hz - 60Hz)
	Input Watt.(Max/Ave.)	260 / 90
	Viewing Distance	82.02ft (25m)
	Operating Temp.	-40°C - +65°C (-40°F - +149°F)
	Ingress Protection (Front/Rear)	IP65
	Rigging System	Fast Lock Rig
	Warranty	



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Specification for 36mm Panel

Issued on: 4-Jan-08

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1. Specs

Technical Terms		Standard	5050 SMD
<u>Module</u>	Pixel Composition(LED)	2 Red 1 Green 1 Blue	1 Red 1 Green 1 Blue
	Pixel Pitch	36mm	
	Dot array	16px x 16px	
	Total Pixels per Panel	256	
	Pixels per Sq. Meter	772	
	LEDs per Sq. Meter	3,088	
	Color Total Value	68.7 Billion	
	Grey Scale Total Value	4,096 Levels	
	Brightness(NIT)	≥1,500 NITs	≥1,000 NITs
	Watt.(Max/Ave.)	200W/m ²	200W/m ²
<u>Controller/Driver</u>	Driver type	Static	
	Processing Depth	12 bit	
	Refresh Rate	120 - 800	
	Video Frame Rate	60 - 85	
	Data Interconnection	LAN Line (Cable)	
<u>LED</u>	Grade	Super Intensity	
	LED Type	Oval Shape (4mm x 5mm)	
	Color Temperature	5,000°K - 9,000°K	
	Red Wavelength	620nm - 630nm	
	Green Wavelength	515nm - 530nm	
	Blue Wavelength	465nm - 475nm	
	Viewing Angle (50% Brightness)	110° (Horiz.) / 50°(Vert.)	
	Luminous Intensity	Red:mcd Green:mcd Blue:mcd	
<u>Set</u>	Lifetime (50% Brightness)	≥100,000 hours	
	Panel Input Formats	Proprietary SDI, RGBHV, YUV, TC, Composite	
	Panel size (mm)	22.7"H x 22.7"W x 2"D (576mmH x 576mmW x 40mmD)	
	Panel Weight	33.1lbs. (15kg)	
	Panel Material	Epoxy paint coated aluminium	
	Aspect Ratio	1:1	
	Input Voltage & Frequency	AC90 - 260V (50Hz - 60Hz)	
	Input Watt.(Max/Ave.)	260 / 90	
	Viewing Distance	118.1ft (36m)	
	Operating Temp.	-40°C - +65°C (-40°F - +149°F)	
	Ingress Protection (Front/Rear)	IP65	
	Rigging System	Fast Lock Rig	
	Warranty		



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Specification for 40mm Panel

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1. Specs

Technical Terms		Standard
Module	Pixel Composition(LED)	2 Red 1 Green 1 Blue
	Pixel Pitch	40mm
	Dot array	16px x 16px
	Total Pixels per Panel	256
	Pixels per Sq. Meter	625
	LEDs per Sq. Meter	3,088
	Color Total Value	68.7 Billion
	Grey Scale Total Value	4,096 Levels
	Brightness(NIT)	≥1,000 NITs
	Watt.(Max/Ave.)	180W/m ²
Controller/ Driver	Driver type	Static
	Processing Depth	12 bit
	Refresh Rate	120 - 800
	Video Frame Rate	60 - 85
	Data Interconnection	LAN Line (Cable)
LED	Grade	Super Intensity
	LED Type	Oval Shape (4mm x 5mm)
	Color Temperature	5,000°K - 9,000°K
	Red Wavelength	620nm - 630nm
	Green Wavelength	515nm - 530nm
	Blue Wavelength	465nm - 475nm
	Viewing Angle (50% Brightness)	110° (Horiz.) / 50°(Vert.)
	Luminous Intensity	Red:mcd Green:mcd Blue:mcd
Set	Lifetime (50% Brightness)	≥100,000 hours
	Panel Input Formats	Proprietary SDI, RGBHV, YUV, TC, Composite
	Panel size (mm)	25.2"H x 25.2"W x 2"D (640mmH x 640mmW x 40mmD)
	Panel Weight	33.1lbs. (15kg)
	Panel Material	Epoxy paint coated aluminium
	Aspect Ratio	1:1
	Input Voltage & Frequency	AC90 - 260V (50Hz - 60Hz)
	Input Watt.(Max/Ave.)	260 / 90
	Viewing Distance	118.1ft (36m)
	Operating Temp.	-40°C - +65°C (-40°F - +149°F)
	Ingress Protection (Front/Rear)	IP65
	Rigging System	Fast Lock Rig
	Warranty	