



Shenzhen Absen Optoelectronic Co., Ltd.

NX1.5- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1212
	Pixel Pitch (mm)	1.5
	Panel Dimensions (WxHxD)/(mm /inch)	240x540x43.5(9.45x21.26x1.71)
	Pixel Per Panel	160x360
	Panel Weight (kg /lbs)	3.1(6.82)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/45
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	510/170(47.38/15.79)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1741/580(161.56/53.85)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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

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NX1.5- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1212
	Pixel Pitch (mm)	1.5
	Panel Dimensions (WxHxD)/(mm /inch)	960x540x43.5(37.8x21.26x1.71)
	Pixel Per Panel	640x360
	Panel Weight (kg /lbs)	10.5(23.1)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/45
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	480/160(44.59/14.86)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1638/546(152.06/50.69)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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NX1.8- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.87
	Panel Dimensions (WxHxD)/(mm /inch)	240x540x43.5(9.45x21.26x1.71)
	Pixel Per Panel	128x288
	Panel Weight (kg /lbs)	3.1(6.82)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/36
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	480/160(44.59/14.86)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1638/546(152.06/50.69)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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NX1.8- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.87
	Panel Dimensions (WxHxD)/(mm /inch)	960x540x43.5(37.8x21.26x1.71)
	Pixel Per Panel	512x288
	Panel Weight (kg /lbs)	10.5(23.1)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/36
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	450/150(41.81/13.94)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1536/512(142.56/47.52)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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NX2.5- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm /inch)	240x540x43.5(9.45x21.26x1.71)
	Pixel Per Panel	96x216
	Panel Weight (kg /lbs)	3.1(6.82)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/27
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	450/150(41.81/13.94)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1536/512(142.56/47.52)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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NX2.5- Specifications

Version: V20260330

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm /inch)	960x540x43.5(37.8x21.26x1.71)
	Pixel Per Panel	384x216
	Panel Weight (kg /lbs)	10.4(22.88)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	240x270(9.45x10.63)
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	≥16
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/27
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)/(W/ft ²)	420/140(39.02/13.01)
	Heat Generated(Max./Avg.)(BTU/h/m ²) / (BTU/h/ft ²)	1433/478(133.05/44.35)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking/Fixed
	Max Rigging QTY.	12
	Certificate	CCC,CE,ETL,FCC,ROHS,TUV

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