



Shenzhen Absen Optoelectronic Co., Ltd.

PL2.5 XR V2 (Brompton)-Specifications

Version: V20241031

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	200x200
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	8800: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	740/247
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2526/843
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

Remark:Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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Shenzhen Absen Optoelectronic Co., Ltd.

PL2.5 Pro V2 (Brompton) - Specifications

Version: V20241206

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	200x200
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	8800: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	680/230
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2321/785
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL2.5 Pro V2 (NovaStar) -Specifications

Version: V20241206

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	200x200
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	8800:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	680/230
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2321/785
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL2.9 Pro V2 (NovaStar) - Specifications

Version: V20250214

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 SMD1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	168x168
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	3000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/14
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	610/204
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2082/696
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL2.9 Pro V2 (NovaStar) - Specifications

Version: V20250205

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 SMD1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	168x336
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	3000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/14
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	610/204
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2082/696
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,ETL,FCC,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9 Pro V2 (NovaStar) - Specifications

Version: V20240517

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	128x128
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7200:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	800/267
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2730/911
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9 Pro V2 (NovaStar) - Specifications

Version: V20240517

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	128x256
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7200: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	800/267
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2730/911
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

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PL4.8 Pro V2 (NovaStar) - Specifications

Version: V20241118

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	104x104
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7200:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	120/110
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	800/267
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2730/911
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL4.8 Pro V2 (NovaStar) - Specifications

Version: V20240517

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	104x208
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7200:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	120/110
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	800/267
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2730/911
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

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PL1.9 Plus V2 (NovaStar)- Specifications

Version: V20240914

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1212
	Pixel Pitch (mm)	1.953
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	256x256
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	700/235
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2389/802
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL2.5 Plus V2 (NovaStar) - Specifications

Version: V20240914

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	200x200
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1200
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	7000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/215
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2184/734
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL2.9 Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	168x168
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	7000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/21
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	560/187
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1911/638
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL2.9 Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	168x336
	Panel Weight (kg)	12.5
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	7000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/21
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	560/187
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1911/638
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

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PL3.9 Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	128x128
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7400: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	560/187
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1911/638
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL3.9 Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	128x256
	Panel Weight (kg)	12.5
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7400: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	560/187
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1911/638
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
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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Shenzhen Absen Optoelectronic Co., Ltd.

PL2.9W Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	168x168
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/14
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	720/240
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2457/819
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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PL2.9W Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	168x336
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	15
	Contrast Ratio	4000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/14
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	720/240
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2457/819
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9B Plus V2 (NovaStar) - Specifications

Version: V20250220

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	128x128
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	6000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	690/230
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2355/785
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9B Plus V2 (NovaStar) - Specifications

Version: V20250220

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	128x256
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	6000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	690/230
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2355/785
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9W Plus V2 (NovaStar) - Specifications

Version: V20241217

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	128x128
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4500: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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PL3.9W Plus V2 (NovaStar) - Specifications

Version: V20250117

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	128x256
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4500: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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PL4.8W Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	104x104
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4500: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PL4.8W Plus V2 (NovaStar) - Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x1000x78
	Pixel Per Panel	104x208
	Panel Weight (kg)	13
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4500: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/120
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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