



Shenzhen Absen Optoelectronic Co., Ltd.

MR2.5 (Brompton system) - Specifications

Version: V20230127

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x80
	Pixel Per Panel	200x200
	Panel Weight (kg)	12
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	15
	Contrast Ratio	1200:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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

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Shenzhen Absen Optoelectronic Co., Ltd.

MR2.5 (NovaStar system) - Specifications

Version: V20230127

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x80
	Pixel Per Panel	200x200
	Panel Weight (kg)	12
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	15
	Contrast Ratio	1200:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

MR4.8 Matte (Brompton system) - Specifications

Version: V20220908

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x85
	Pixel Per Panel	104x104
	Panel Weight (kg)	12
	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	6000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL,ROHS,CE

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Shenzhen Absen Optoelectronic Co., Ltd.

MR4.8 Matte (NovaStar system) - Specifications

Version: V20220908

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x85
	Pixel Per Panel	104x104
	Panel Weight (kg)	12
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	1500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL,ROHS,CE

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Shenzhen Absen Optoelectronic Co., Ltd.

MR4.8 Anchor-free Matte (Brompton system) -Specifications

Version: V20220908

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x85
	Pixel Per Panel	104x104
	Panel Weight (kg)	12
	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	6000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL,ROHS,CE

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Shenzhen Absen Optoelectronic Co., Ltd.

MR4.8 Anchor-free Matte (NovaStar system) - Specifications

Version: V20220922

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x85
	Pixel Per Panel	104x104
	Panel Weight (kg)	12
	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	6000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	ETL,ROHS,FCC,CE

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MR4.8 Glassy (NovaStar system) - Specifications

Version: V20221219

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x92
	Pixel Per Panel	104x104
	Panel Weight (kg)	16
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	3000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL,ROHS,CE

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Shenzhen Absen Optoelectronic Co., Ltd.

MR4.8S Interactive Matte (NovaStar system) - Specifications

Version: V20220908

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x85
	Pixel Per Panel	104x104
	Panel Weight (kg)	12
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	640/214
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
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL,CE,ROHS

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