



# Shenzhen Absen Optoelectronic Co., Ltd.

## PO1.5 Pro - Specifications

Version: V20260303

Parameter		Value
Physical Parameter	LED Type	Flip-Chip COB
	Pixel Pitch (mm)	1.53
	Panel Dimensions (WxHxD)/(mm /inch)	640x1920x62(25.2x75.59x2.44)
	Pixel Per Panel	416x1248
	Panel Weight (kg /lbs)	51(112.2)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	320x160(12.6x6.3)
Optoelectronic Parameter	Brightness (nit)	600
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	13
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/52
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	290/97(26.94/9.01)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	990/331(91.87/30.73)
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	Stacking
	Max Rigging QTY.	/
	Certificate	CE,FCC,UKCA

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

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PO1.8 Pro - Specifications

Version: V20260303

Parameter		Value
Physical Parameter	LED Type	Flip-Chip COB
	Pixel Pitch (mm)	1.86
	Panel Dimensions (WxHxD)/(mm /inch)	640x1920x62(25.2x75.59x2.44)
	Pixel Per Panel	344x1032
	Panel Weight (kg /lbs)	51(112.2)
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm /inch)	320x160(12.6x6.3)
Optoelectronic Parameter	Brightness (nit)	600
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	13
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/43
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	310/104(28.8/9.66)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	1058/355(98.2/32.95)
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	Stacking
	Max Rigging QTY.	/
	Certificate	CE,FCC,UKCA

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

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