

Product Specifications

Fp Series



Model	PHOS1.2	PHOS1.5	PHOS1.8	PHOS2.5
Pixel Pitch (mm)	1.25	1.5625	1.875	2.5
Pixel Density (pixels/m2)	640,000	409,600	284,444	160,000
LED Type	SMD1010	SMD1212	SMD1515	SMD2020
Module Dimension	300x168.75mm (11.81x6.65 in)	300x168.75mm (11.81x6.65 in)	300x168.75mm (11.81x6.65 in)	300x168.75mm (11.81x6.65 in)
Module Resolution	240 x 135	192 x 108	160 x 90	120 x 135
Cabinet Dimension	600x337.5x39mm (23.62x13.29x1.53 in)	600x337.5x39mm (23.62x13.29x1.53 in)	600x337.5x39mm (23.62x13.29x1.53 in)	600x337.5x39mm (23.62x13.29x1.53 in)
Cabinet Resolution	480x270	384x216	320x180	240x135
Scanning Mode	1/45	1/54	1/45	1/45
Cabinet Type and Material	Die-Casting Aluminium	Die-Casting Aluminium	Die-Casting Aluminium	Die-Casting Aluminium
Cabinet Weight	5 kg (11.02 lb)	5 kg (11.02 lb)	5 kg (11.02 lb)	5 kg (11.02 lb)
Brightness	≥700 nits	≥700 nits	≥700 nits	≥700 nits
Refresh Rate	≥3840 Hz	≥3840 Hz	≥3840 Hz	≥3840 Hz
Viewing Angle	H160°/V160°	H160°/V160°	H160°/V160°	H160°/V160°
Grey Scale	≥16 bit	≥16 bit	≥16 bit	≥16 bit
Operating Power Source	AC100-AC240	AC100-AC240	AC100-AC240	AC100-AC240
Max Power Consumption	600W/m²	630W/m²	585W/m²	615W/m²
Avg Power Consumption	200W/m²	210W/m²	195W/m²	205W/m²
Max Power Consumption Watts. P/Panel	122	110	108	105
Avg Power Consumption Watts P/Panel	40	36	36	35
Max Power Consumption 208 VAC	0.59	0.53	0.52	0.50
Avg Power Consumption 208 VAC	0.19	0.17	0.17	0.17
Max Power Consumption 110 VAC	1.11	1.00	0.98	0.95
Avg Power Consumption 110 VAC	0.37	0.33	0.33	0.32
BTU/H @ Max Power Consumption	333	300	295	287
BTU/H @ Avg Power Consumption	110	99	97	95
Serviceability	Front	Front	Front	Front
IP Rating	IP41(Indoor)	IP41(Indoor)	IP41(Indoor)	IP41(Indoor)
Operating Temp/Humidity	-25°~ 50°C, 10~90% RH	-25°~ 50°C, 10~90% RH	-25°~ 50°C, 10~90% RH	-25°~ 50°C, 10~90% RH
Storage Temp/Humidity	-30°~ 70°C, 10~90% RH	-30°~ 70°C, 10~90% RH	-30°~ 70°C, 10~90% RH	-30°~ 70°C, 10~90% RH
Life Span	100,000 h	100,000 h	100,000 h	100,000 h

Note: The Specifications are for reference.
Actual values may vary.