

Dicolor Australia - HC Series

Physical Parameter	Pixel Pitch	0.57mm	0.78mm	0.9375mm	1.25mm	1.56mm
Pixel Configuration		1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
Configuration (LxH, per cabinet)		960 x 540 pixels	768 x 342 pixels	640 x 360 pixels	480 x 270 pixels	384 x 216 pixels
Diode Type		Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED
Dimensions (mm, LxHxD, per cabinet)		550 × 309.375mm	600 x 337.5 x 45.8mm	600 × 337.5 × 35mm	600 x 337.5 x 39mm	600 × 337.5 × 35mm
Dimensions (inch, per cabinet)		23.6 x 13.28 inch	23.6 x 13.28 inch	23.6 x 13.28 inch	23.6 x 13.28 inch	23.6 x 13.28 inch
No. of Modules (WxH, per cabinet)		4 x 3	4 x 3	4 x 2	4 x 2	4 x 2
Weight (per cabinet/per m ²)		6.8 kg/ 33.6 kg	6.8 kg/ 33.6 kg	4.6 kg/ 23 kg	5.1 kg/ 25.5 kg	4.6 kg/ 23 kg
Optical Parameter	Brightness (Peak/Max)	400 nit	600 nit	1200 nit	1000 nit	800 nit
	Contrast Ratio	15000:1	15000:1	13000:1	15000:1	11000:1
	HDR Compatibility	HDR10 - Optima)/HLG/HDR10	HDR10 - Optima)/HLG/HDR10	HDR10 - Optima)/HLG/HDR10	HDR10 - Optima)/HLG/HDR10	HDR10 - Optima)/HLG/HDR10
	Viewing Angle - Horizontal	>160°	160°	160°	160°	160°
	wViewing Angle - Vertical	>160°	160°	160°	160°	160°
	Bit Depth	16 bit (Internal processing 22bit)	16 bit (Internal processing 22bit)	16 bit (Internal processing 22bit)	16 bit (Internal processing 22bit)	16 bit (Internal processing 22bit)
	Color Temperature - Default	9,000K ± 200K	9000K	9000K	9,000K	9,000K
	Color Temperature - Adjustable	3000K-10000K (using NovaStar controller)	3000K-10000K (using NovaStar controller)	3000K-10000K (using NovaStar controller)	3000K-10000K (using NovaStar controller)	3000K-10000K (using NovaStar controller)
Electrical Parameter	Video Rate	50 Hz/60 Hz/120Hz	50 /60 /120/240Hz	50 /60 /120/240Hz	50 Hz/60 Hz/120Hz	50 Hz/60 Hz/120Hz
	Input Power Range	AC100~ 240V(50-60Hz)	AC100~ 240V(50-60Hz)	AC100~ 240V(50-60Hz)	AC100~ 240V(50-60Hz)	AC100~ 240V(50-60Hz)
	Power Consumption Max	600 (W/m ²)	560 (W/m ²)	485 (W/m ²)	467 (W/m ²)	340 (W/m ²)
	Power Consumption Typ	200 (W/m ²)	187 (W/m ²)	120 (W/m ²)	90 (W/m ²)	95 (W/m ²)
	Heat Generation Max	2,040 (BTU/m ²)	1,904 (BTU/m ²)	1,649 (BTU/m ²)	1,588 (BTU/m ²)	1,156 (BTU/m ²)
	Heat Generation Typ	680 (BTU/m ²)	635.8(BTU/m ²)	408(BTU/m ²)	306(BTU/m ²)	323(BTU/m ²)
	Refresh Rate	3840 Hz	3840 Hz	3840/7680 Hz	3840/7680 Hz	3840 Hz
Operational Parameter	Power Redundancy	Yes	Yes	Yes	Yes	Yes
	Working Temperature / Humidity	-.10°C~+40°C / 10%~90%RH	-.10°C~+40°C / 10%~90%RH	-.10°C~+40°C / 10%~90%RH	-.10°C~+40°C / 10%~90%RH	-.10°C~+40°C / 10%~90%RH
	Storage Temperature / Humidity	-.40°C~+60°C / 10%~90%RH	-.40°C~+60°C / 10%~90%RH	-.40°C~+60°C / 10%~90%RH	-.40°C~+60°C / 10%~90%RH	-.40°C~+60°C / 10%~90%RH
	IP Rating	IP65 (Module surface)	IP65 (Module surface)	IP65 (Module surface)	IP65 (Module surface)	IP65 (Module surface)
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Connectivity	Controller	NovaStar A10S PRO	NovaStar A10S PRO	NovaStar A10S PRO	NovaStar A8S-N	NovaStar A8S-N
	Connectivity	RJ45	RJ45	RJ45	RJ45	RJ45
Certification	Certification	CE FCC ETL EMC CLASS A BS476-7 class2	CE FCC ETL EMC CLASS A BS476-7 class2	CE FCC ETL EMC CLASS A BS476-7 class2	CE FCC ETL EMC CLASS A BS476-7 class2	CE FCC ETL EMC CLASS A BS476-7 class2

Service	Service	Front	Front	Front	Front	Front
Features	Operating System	NovaStar	NovaStar	NovaStar	NovaStar	NovaStar
	MagicINFO	/	/	/	/	/
	Smart Function	Precise Grayscale Clear view RGB independent Gamma adjustment Colorspace management Smart module Pixel to Pixel Calibration Low latency 3D support	Precise Grayscale Clear view RGB independent Gamma adjustment Colorspace management Smart module Pixel to Pixel Calibration Low latency 3D support	Precise Grayscale Clear view RGB independent Gamma adjustment Colorspace management Smart module Pixel to Pixel Calibration Low latency 3D support	Precise Grayscale Clear view RGB independent Gamma adjustment Colorspace management Smart module Pixel to Pixel Calibration Low latency 3D support	Precise Grayscale Clear view RGB independent Gamma adjustment Colorspace management Smart module Pixel to Pixel Calibration Low latency 3D support
Accessories	Accessories	Slim line wall bracket system with Flashing kit	Slim line wall bracket system with Flashing kit	Slim line wall bracket system with Flashing kit	Slim line wall bracket system with Flashing kit	Slim line wall bracket system with Flashing kit
Other		Brightness & Refresh rate can be customized if customer require.	Brightness & Refresh rate can be customized if customer require.	Brightness & Refresh rate can be customized if customer require.	Brightness & Refresh rate can be customized if customer require.	Brightness & Refresh rate can be customized if customer require.