Holoscape Display Product Comparison Chart

Surface-Mounted ('M' Sorios)

('M' Series)	M2 Module	M3 Module a	M6 Module 🔹	M10 Module
ixel Pitch	2.5 mm	3.91 mm	6.25 mm	10 mm
norizontal and vertical)				-
ixel Density pixels per area)	160,000/m² (14,864/ft²)	65,536/m² (6,088/ft²)	25,600/m² (2,378/ft²)	10,000/m² (929/ft²)
pparent Transparency	70%	80%	90%	95%
dodule Display Dimensions width x height)	125 mm x 1000 mm (4.92" x 39.37")	M3-S: 250 mm x 1000 mm (9.84" x 39.37") M3-L: 250 mm x 1171 mm (9.84" x 46.10")	M6-S: 250 mm x 1175 mm (9.84" x 46.26") M6-L: 250 mm x 1475 mm (9.84" x 58.07")	250 mm x 1000 mm (9.84" x 39.37")
lodule Profile Dimensions vidth x height)	125 mm x 1025 mm (4.92" x 40.35")	M3-S: 250 mm x 1025 mm (9.84" x 40.35") M3-L: 250 mm x 1200 mm (9.84" x 47.24")	M6-S: 250 mm x 1200 mm (9.84" x 47.24") M6-L: 250 mm x 1500 mm (9.84" x 59.05")	250 mm x 1000 mm (9.84" x 39.37")
esolution pixel count width x height)	50 pixels x 400 pixels	M3-S: 64 pixels x 256 pixels M3-L: 64 pixels x 300 pixels	M6-S: 40 pixels x 188 pixels M6-L: 40 pixels x 236 pixels	25 pixels x 120 pixels
Veight Module and electronics)	1.63 kg (3.59 lb)	1.6 kg (3.53 lb)	1.6 kg (3.53 lb)	1.2 kg (2.65 lb)
rightness n candelas per meter [nits])	≥1200 cd/m ² (111.48 cd/ft ²)	Black pixels: ≥3000 cd/m² (278.71 cd/ft²) White pixels: ≥4000 cd/m² (278.71 cd/ft²)	Black pixels: ≥3000 cd/m² (278.71 cd/fg²) White pixels: ≥5000 cd/m² (464.51 cd/ft²)	≥4000 cd/m² (371.61 cd/ft²) ^f
canning Mode	Static Driving (single pixel, single control)	Static Driving (single pixel, single control)	Static Driving (single pixel, single control)	Static Driving (single pixel, single control
ncapsulation Type	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated
ED Lifespan	≥ 100,000 hours	≥ 100,000 hours	≥ 100,000 hours	≥ 100,000 hours
xel Grayscale Depth	16 bit	16 bit	16 bit	16 bit
aximum Power Consumption n watts)	800 W/m ² (74.32 W/ft ²)	1000 W/m² (92.90 W/ft²)	1000 W/m ² (92.90 W/ft ²)	1000 W/m ² (92.90 W/ft ²)
verage Power Consumption n watts)	300 W/m ² (27.87 W/ft ²)	375 W/m² (34.84 W/ft²)	375 W/m² (34.84 W/ft²)	375 W/m ² (34.84 W/ft ²)
ontrol System	Colorlight or Novastar	Colorlight or Novastar	Colorlight or Novastar	Colorlight or Novastar
put Voltage	AC100V~240V 50/60Hz	AC100V~240V 50/60Hz	AC100V~240V 50/60Hz	AC100V~240V 50/60Hz
/orking Voltage	DC4.2V ±0.2V	DC4.2V ±0.2V	DC4.2V ±0.2V	DC4.2V ±0.2V
/orking Temperature	-20°C to 50°C	-20°C to 50°C	-20°C to 50°C	-20°C to 50°C
(orking Humidity vithout condensation)	Up to 85% RH	Up to 85% RH	Up to 85% RH	Up to 85% RH
torage Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
vorage Humidity vithout condensation)	Up to 85% RH	Up to 85% RH	Up to 85% RH	Up to 85% RH
rotection Degree	IP20	IP20	IP20	IP20
nstallation Environment	Indoor	Indoor	Indoor	Indoor

The relevant parameters in the table are subject to updates, and the data is for reference only. Updates will be made without notice

^a The M3 and M6 Modules each are available in two lengths.

b Width and height dimensions represent orienation where electronics are at top or bottom. Surface-mounted modules may be mounted 90° to this orientation, where electronics are on the sides.

M 2 pixels are smaller and lower in brightness to reduce heat and extend pixel lifetime. The brightness of the Module comes from its pixel density.
M 3 and M6 pixels are the same, but M3 'white pixel' is limited in brightness to allow proper heat dispersion.

The M6 'white pixel' is at full brightness at 5000 nits due to less pixel density, allowing proper heat dispersion and extending pixel lifetime.
The M10 is at full brightness at 4000 nits due to less pixel density, thusly less pixels per unit of area.

Option considerations:

"White pixels" are brighter and intended for installations that will compete with bright light sources, such as sunlight. "Black pixels" are intended for indoor display. Modules can be mounted in two ways: (1) with the adhesive on the backing for display inwards from window, or (2) with the adhesive on the LEDs for display outwards through a window.

Poster

('A' Series)

("A" Series)	A3-2 Poster	A3-4 Poster	
Pixel Pitch			
(horizontal and vertical)	3.91 mm	3.91 mm	
Pixel Density	CE EDC (2 (C 000 (62)	CE EDC (2 (C 000 (62)	
pixels per area)	65,536/m² (6,088/ft²)	65,536/m² (6,088/ft²)	
Apparent Transparency	80%	80%	
Poster Display Dimensions	1000 mm x 2000 mm (39.37" x 78.74")	2000 mm x 2000 mm (78.74" x 78.74")	
width x height)	1000 mm x 2000 mm (55.57 x 70.14)	2000 mm x 2000 mm (10.14 x 10.14)	
Poster Profile Dimensions	1021 mm x 2452 mm × 500 mm (40.2" x 96.54" x 19.69")	2021 mm x 2452 mm × 500 mm (79.57" x 96.54" x 19.69"	
width x height x thickness)	1021 Mill x 2152 Mill 0 500 Mill (10.2 x 50.51 x 15.65)	2021 Mill x 2152 Mill (1557 x 50.54 x 15.05)	
Resolution	256 pixels x 512 pixels	512 pixels x 512 pixels	
pixel count width x height)	250 pixels x 512 pixels	5 TE pixels X 5 TE pixels	
Weight	40 kg (88.18 lb)	60 kg (132.28 lb)	
entire unit with feet)	40 kg (00.101b)		
Brightness	≥3000 cd/m² (278.71 cd/ft²)	≥3000 cd/m² (278.71 cd/ft²)	
in candelas per meter [nits])			
Scanning Mode	Static Driving (single pixel, single control)	Static Driving (single pixel, single control)	
ncapsulation Type	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated	
ED Lifespan	≥ 100,000 hours	≥ 100,000 hours	
Pixel Grayscale Depth	16 bit	16 bit	
Maximum Power Consumption	1000 W/m ² (92.90 W/ft ²)	1000 W/m² (92.90 W/ft²)	
in watts)	1000 (1) (1 (32.50 (1) (1))		
Average Power Consumption	375 W/m ² (34.84 W/ft ²)	375 W/m ² (34.84 W/ft ²)	
in watts)			
Control System	Colorlight or Novastar	Colorlight or Novastar	
nput Voltage	AC100V~240V 50/60Hz	AC100V~240V 50/60Hz	
Vorking Voltage	DC4.2V ±0.2V	DC4.2V ±0.2V	
Vorking Temperature	-20°C to 50°C	-20°C to 50°C	
Working Humidity	Up to 85% RH	Up to 85% RH	
without condensation)			
Storage Temperature	-20°C to 60°C	-20°C to 60°C	
Storage Humidity	Up to 85% RH	Up to 85% RH	
without condensation)			
Protection Degree	IP20	IP20	
nstallation Environment	Indoor or temporary, dry outdoor use	Indoor or temporary, dry outdoor use	
rame Material	Aviation Aluminum Alloy	Aviation Aluminum Alloy 2021 mm x 111 mm × 75 mm (40.2" x 4.37" x 2.95")	
rame Horizontal Component Dimensions	1021 mm x 111 mm × 75 mm (40.2" x 4.37" x 2.95")		
width x height x thickness)			
Frame Vertical Component Dimensions	11 mm x 2230 mm × 75 mm (0.43" x 88.8" x 2.95")	11 mm x 2230 mm × 75 mm (0.43" x 88.8" x 2.95")	
(width x height x thickness)			

The relevant parameters in the table are subject to updates, and the data is for reference only. Updates will be made without notice.

^a The Poster Series is the same as the Suspended Series, but with a removeable wheel base.

b Height and thickness includes the wheel base. The frame itself is 75 mm thick.

^c The Poster Series may be temporarily placed for outdoor applications, but must not be exposed to moisture.

Option considerations:

"White pixels" are brighter and intended for installations that will compete with bright light sources, such as sunlight. "Black pixels" are intended for indoor display.

Suspended

('A' Series)	A3-2 Suspended Frame	A3-4 Suspended Frame	
Pixel Pitch	3 91 mm	3.91 mm	
(horizontal and vertical)	5.91 11111	3.91 1111	
Pixel Density	65.536/m ² (6.088/ft ²)	65.536/m ² (6.088/ft ²)	
(pixels per area)	63,330/111 (0,000/117)	03,330/11 (0,000/12)	
Apparent Transparency	80%	80%	
Poster Display Dimensions	1000 mm x 2000 mm (39.37" x 78.74")	2000 mm x 2000 mm (78.74" x 78.74")	
(width x height)			
Poster Profile Dimensions	1021 mm x 2230 mm × 75 mm (40.2" x 88.8" x 2.95")	2021 mm x 2230 mm × 75 mm (79.57" x 88.8" x 2.95")	
(width x height x thickness)			
Resolution	256 pixels x 512 pixels	512 pixels x 512 pixels	
(pixel count width x height)	255 512 512 516	STE PIXED X STE PIXED	
Weight	30.08 kg (66.32 lb)	40.16 kg (88.54 lb)	
(entire unit)	50.00 kg (00.52 lb)	40.10 kg (00.54 lb)	
Brightness	≥3000 cd/m ² (278.71 cd/ft ²)	≥3000 cd/m ² (278.71 cd/ft ²)	
(in candelas per meter [nits])			
Scanning Mode	Static Driving (single pixel, single control)	Static Driving (single pixel, single control)	
Encapsulation Type	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated	
LED Lifespan	≥ 100,000 hours	≥ 100,000 hours	
Pixel Grayscale Depth	16 bit	16 bit	
Maximum Power Consumption	1000 W/m ² (92.90 W/ft ²)	1000 W/m ² (92.90 W/ft ²)	
(in watts)	1000 W/III (32.30 W/III)	1000 W/III (92.30 W/III)	
Average Power Consumption	375 W/m ² (34.84 W/ft ²)	375 W/m ² (34.84 W/ft ²)	
(in watts)	575 W/III (54.04 W/III)	373 W/III (34.84 W/IC)	
Control System	Colorlight or Novastar	Colorlight or Novastar	
Input Voltage	AC100V~240V 50/60Hz	AC100V~240V 50/60Hz	
Working Voltage	DC4.2V ±0.2V	DC4.2V ±0.2V	
Working Temperature	-20°C to 50°C	-20°C to 50°C	
Working Humidity	Up to 85% RH		
(without condensation)	6p to 65% km		
Storage Temperature	-20°C to 60°C	-20°C to 60°C	
Storage Humidity	Up to 85% RH	Up to 85% RH	
(without condensation)	0p to 85 % KH	0р ю 65% кп	
Protection Degree	IP20	IP20	
Installation Environment	Indoor or temporary, dry outdoor use	Indoor or temporary, dry outdoor use	
Frame Material	Aviation Aluminum Alloy	Aviation Aluminum Alloy	
Frame Horizontal Component Dimensions	1021 mm x 111 mm × 75 mm (40.2" x 4.37" x 2.95")	2021 mm x 111 mm × 75 mm (40.2" x 4.37" x 2.95")	
(width x height x thickness)	102 THIN X TTTHIN & 75 IIIII (40.2 X 4.37 X 2.95)		
Frame Vertical Component Dimensions	11 mm x 2230 mm × 75 mm (0.43" x 88.8" x 2.95")	11 mm x 2230 mm × 75 mm (0.43" x 88.8" x 2.95")	
(width x height x thickness)	1111111 x 2230 11111 x 73 11111 (0.43 X 60.8 X 2.93)	11 min x 2250 mm x 75 mm (0.45 x 66.8 X 2.95)	

The relevant parameters in the table are subject to updates, and the data is for reference only. Updates will be made without notice.

^a The Suspended Series is the same as the Poster Series, but without the wheel base.

^b The Suspended Series may be temporarily placed for outdoor applications, but must not be exposed to moisture.

Option considerations:

"White pixels" are brighter and intended for installations that will compete with bright light sources, such as sunlight. "Black pixels" are intended for indoor display.