

H Series

Cost-effective and fine pitch LED products

- > Seamless splicing, unlimited splicing and frameless
- > Magnetic type quick front and rear serviceable module
- > Floor landing protection design
- > System cabinet rear cover without tools fast dismantling design
- > Running with a metal conductive cooling and silence without fan



SPECIFICATIONS

Parameters	H161	H181E	H191E
Pixel Pitch (mm)	1.667 mm (SMD 1010)	1.875 mm (SMD 1515)	1.935 mm (SMD 1515)
Pixel Matrix per Panel (dots)	288 x 288 dots	256 x 256 dots	248 x 248 dots
Pixel Density (dots/m ²)	359,999 dots/m ²	284,444 dots/m ²	266,944 dots/m ²
Panel Dimension(WxHxD) / (mm)	480 x 480 x 67 mm (18.9"x18.9"x2.6")	480 x 480 x 67 mm (18.9"x18.9"x2.6")	480 x 480 x 67 mm (18.9"x18.9"x2.6")
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight (kg/panel)	6.3 kg/panel (14 lb/panel)	6.3 kg/panel (14 lb/panel)	6.3 kg/panel (14 lb/panel)
Color Depth (Bit)	14 bit	14 bit	14 bit
Refresh Rate (Hz)	≥2880 Hz	≥2880 Hz	≥2880 Hz
Driver Method / scan	Scan 1/24	Scan 1/32	Scan 1/31
Brightness (nits)	600 ~ 800 nits, adjustable	600 ~ 800 nits, adjustable	600 ~ 800 nits, adjustable
Viewing Angle (H°/V°)	H160° / V160°	H160° / V160°	H160° / V160°
AC Power Input (V)	AC110V~ 220V ±10%	AC110V~ 220V ±10%	AC110V~ 220V ±10%
AC Power Frequency (Hz)	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Max. / Avg. Power (W/m ²)	660 W/m ² / 230 W/m ²	565 W/m ² / 200 W/m ²	580 W/m ² / 180 W/m ²
Operating Temperature (°C)	-0°C ~ 40°C	-0°C ~ 40°C	-0°C ~ 40°C
Storage/Operating Humidity (RH)	10% ~ 90%RH	10% ~ 90%RH	10% ~ 90%RH
IP Rating (IP)	IP40 / IP30	IP40 / IP30	IP40 / IP30
Lifetime Typical Value (Hrs)	100,000 Hrs	100,000 Hrs	100,000 Hrs
Installation Type	Fix / Front & Rear service	Fix / Front & Rear service	Fix / Front & Rear service

A fine pitch at your fingertips
Fine Pitch - H series