

MacroPiX[®]

Mobilis

SMD 2121 LED
1000 - 1300 nits

- Available in pixel pitches 2.6, 3.12, 3.9, 4.8 mm
- Light-weight, slim aluminium cabinets
- Front access for easy maintenance
- Can be used to create curved displays
- Available in two cabinet versions: 50x50cm or 50x100cm



Suitable for indoor applications of any size up to full-HD, 4K and 8K. Its unique cabinet design allows for inner/outer curved shapes up to 5 degrees.

Physical Pitch (mm)	2.6	3.12	3.9	4.8
Standard Panel Size (mm)	500 x 500 or 500 x 1000	500 x 500 or 500 x 1000	500 x 500 or 500 x 1000	500 x 500 or 500 x 1000
Tile Size (mm)	250 x 250	250 x 250	250 x 250	250 x 250
Physical Tile Definition (pixels)	96 x 96	80 x 80	128 x 128	52 x 104
Physical Cabinet Definition (pixels)	192 x 192 or 192 x 384	160 x 160 or 160 x 320	128 x 128 or 128 x 256	104 x 104 or 104 x 208
Graphic Resolution (pixel/sqm)	147463	102400	65537	43263
LEDs per Pixel	1 RGB (SMD) 2121	1 RGB (SMD) 2121	1 RGB (SMD) 2020	1 RGB (SMD) 2020
Refresh Rate (Hz)	1920	1920	1920	1920
Horizontal Viewing Angle	140	140	140	140
Vertical Viewing Angle	140	140	140	140
Best Viewing Distance (mt)	3	3	4	5
Maximum Viewing Distance (mt)	50	50	50	50
Processing Depth (bits)	16	16	16	16
Colors	281 trillion	281 trillion	281 trillion	281 trillion
Color Temperature	3500-10500 K	3500-10500 K	3500-10500 K	3500-10500 K
Brightness (NIT)	1000	1000	1200	1300
Average Consumption (kw/sqm)	0.16	0.16	0.15	0.18
Maximum Consumption (kw/sqm)	0.70	0.48	0.37	0.84
Weight (kg/sqm)	30.00 / 26.00	30.00 / 26.00	30.00 / 27.00	30.00 / 27.00
Operating Temperature Range (°C)	0° + 45°	0° + 45°	0° + 45°	0° + 45°
LEDs Lifetime (hours)	Up to 100000	Up to 100000	Up to 100000	Up to 100000
Power Supply	220/380	220/380	220/380	220/380
Relative Humidity	10%-90%	10%-90%	10%-90%	10%-90%
IP Protection	IP 30	IP 30	IP 30	IP 30
Access to Cabinet	Front or Rear	Front or Rear	Front or Rear	Front or Rear