

P 2 0 L E D P E R I M E T E R S Y S T E M

Technical Specifications

Parameter	Specification
Colour	Red / Green / Blue
Quantity	2 Red / 1 Green / 1 Blue
Shape	5 Oval Lamp
Wavelength (nm)	Red 625 / Green 525 / Blue 470
Luminous Intensity (mcd)	Red 525x2 / Green 2100 / Blue 600
Viewing Angel (Horizontal & Vertical)	120° Horizontal / 55° Vertical
True Pitch (mm / inch)	20
True Resolution W * H (Pixels)	16 x 8
Board Dimensions W * H (mm / inch)	320 x 160
Maximum Power Consumption (watts / board)	52
Module Layout W * H (Boards)	4 x 6
True Resolution W * H (Pixels)	64 x 48
Module Dimensions W * H * T (mm / inch)	1280 x 960 x 160 (flexible)
Module Face Area (m ²)	1.23
Module Weight (kg)	52.0
Maximum Power Consumption (watts / module)	1275
Packed Dimensions including Carton	1350 x 1350 x 205
Packed Weight (kg)	56.0
True Pixel Density (pixels / m ²)	2500
Brightness (cd / m ²)	>6000
Contrast	8000:1
Colour Temperature (k)	7500
White Balance (CIE1931 x, y coordinates)	(0.30, 0.31)
Colours	16 million
Grayscale (Levels)	256
Brightness Levels (manual or auto)	100 levels
Scan Rate (Hz)	8000Hz
LED Drive Method	Constant Current
Scan Method	Static
Average Power Consumption (W/ m ²)	660
Maximum Power Consumption (W/ m ²)	1100
Power Source (±10%)	100 / 220v / 50/60Hz
Electrical Parts Certifications	UL / CE / CCC
Operating Temperature (°C)	-20° to 60°
Operating Humidity	≤95% R.H.
IP Rating	IP65 (Front Face) / IP54 (Rear Face)
Service	Rear